

**ITEM 3. ITEM FOR COMMITTEE INFORMATION – TRAFFIC TREATMENT –
SHARED PATH AND FOOTWAY WIDENING – BOURKE STREET
WATERLOO**

TRIM RECORD NO: 2016/123803

RECOMMENDATION

It is recommended that the Committee endorse:

- (A) The conversion of the footway for use as a Shared Path in Bourke Street, Waterloo:
 - (i) on the eastern side between Crescent and Portman Streets; and
 - (ii) on the western side between Phillip Street and Botany Road.
- (B) The installation of statutory shared path signs to ensure pedestrians and cyclists are aware of the Shared Paths.
- (C) The installation of line marking on the Shared Paths in accordance with the City of Sydney Shared Pathways Pavement Marking Guidelines.
- (D) The installation of footway widening in Hawksley Street at the intersection of Bourke Street.
- (E) The installation of a footway widening in Danks Street at the intersection of Bourke Street.
- (F) The reallocation of kerb space on the western side of Bourke Street between the points 20 metres and 27 metres south of McEvoy Street as “No Stopping” and between the points 48.5 metres and 67 metres south of McEvoy Street as “Bus Zone”.
- (G) The reallocation of kerb space on the western side of Bourke Street, Waterloo, between the points 30 metres and 42 metres north of Danks Street as “Bus Zone”.

VOTING MEMBERS FOR THIS ITEM

<i>Voting Members</i>	<i>Support</i>	<i>Object</i>
City of Sydney		
Roads and Maritime Services		
NSW Police – Redfern LAC		
Representative for the Member for Heffron		

DECISION

The Committee carried the recommendation unanimously out-of-session on 6 May 2016.

BACKGROUND

The City of Sydney has been working towards the development of a dedicated cycle network across its local government area since 2006. Since the adoption of the City’s

Cycle Strategy and Action Plan in 2007, facilities completed to date have seen an increase in the number of bicycle riders using them.

Over this period, the selection of routes and facility types proposed has been refined in close consultation with the Roads and Maritime Services.

The Bourke Street Shared Path project aims to provide a better connected cycleway network by delivering strategic links between major bi-directional separated facilities that are already within the regional cycleway network, in particular the cycleway from Alexandria to Mascot along Bourke Road and from Redfern to Woolloomooloo along Bourke Street. This project will link the two cycleways.

COMMENTS

The Bourke Street shared path will provide better connection between Alexandria to Woolloomooloo along Bourke Road and Bourke Street. The project aims to enable riders to travel along the footway safely with pedestrians.

Risk assessments have been undertaken to ensure the identified footways are suitable for a shared path. Footway upgrades, signage and pavement markings will be implemented to minimise the risk of conflict between bicycles and pedestrians.

For a regularly used shared path like Bourke Street, the Austroads Bicycle Design Guidelines recommend a 2.5 metre clear width footway to allow pedestrians and bike riders to safely pass one another. This recommendation has been achieved for the majority of the route. For a small section of the route, the existing footway width of approximately 2 metres will be maintained as there is existing verge planting. Additional measures will be provided to mitigate risks at this location.

Footway widening is also proposed in Hawksley and Dank Streets at their intersections with Bourke Street. The footway widenings will reduce the distance pedestrians and cyclists need to cross the road and reduce vehicle speeds adjacent to the intersections. This proposal does not affect parking and maintains the statutory signage requirement at the corners.

The footway widening in Danks Street has been reduced to comply with RMS requirements as part of the approved Traffic Control Signal plan.

The two bus zones located on the western side of Bourke Street near Danks and McEvoy Streets are proposed to be moved or extended respectively. The bus zone near McEvoy Street will be relocated 10 metres away from the intersection, increasing space for pedestrians and cyclists and reducing congestion for buses. The bus zone near Danks Street will be extended by 11 metres, providing additional queuing space for buses and reduce congestion across the Danks Street intersection.

Two new signalised pedestrian crossings are proposed on Bourke Street as part of this project – on the northern arm of the intersections with George Street and O’Dea Avenue. This will allow pedestrians and cyclists to cross Bourke Street from both sides of George Street and O’Dea Avenue. The City is currently negotiating with the RMS on these matters which would be approved separately.

CONSULTATION

Public exhibition of the design plans for the Bourke Street Shared was conducted between 25 November and 16 December 2013.

During this period 4,362 letters were sent to residents and businesses in the surrounding streets; a webpage was created on sydneyoursay.com.au and on City of Sydney "On Exhibition" webpage where submissions could be made. Door knocking took place along the route, including 20 local businesses.

The City received 46 submissions with 13 in support of the proposal. Of the total responses, 22 submissions advocated that a separated cycleway was a better option. However, a separated cycleway would not fit along Bourke Street without impacting on traffic capacity.

A total of 11 submissions opposed the project because of pedestrian safety concerns. These safety concerns have been addressed and taken into account in the design process.

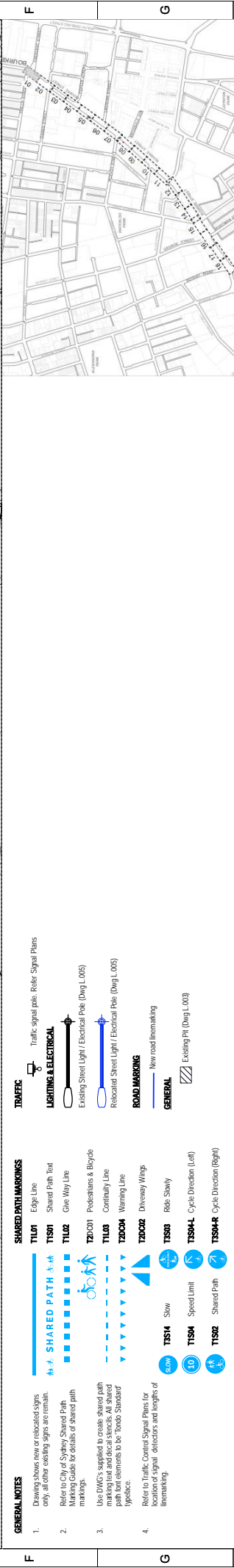
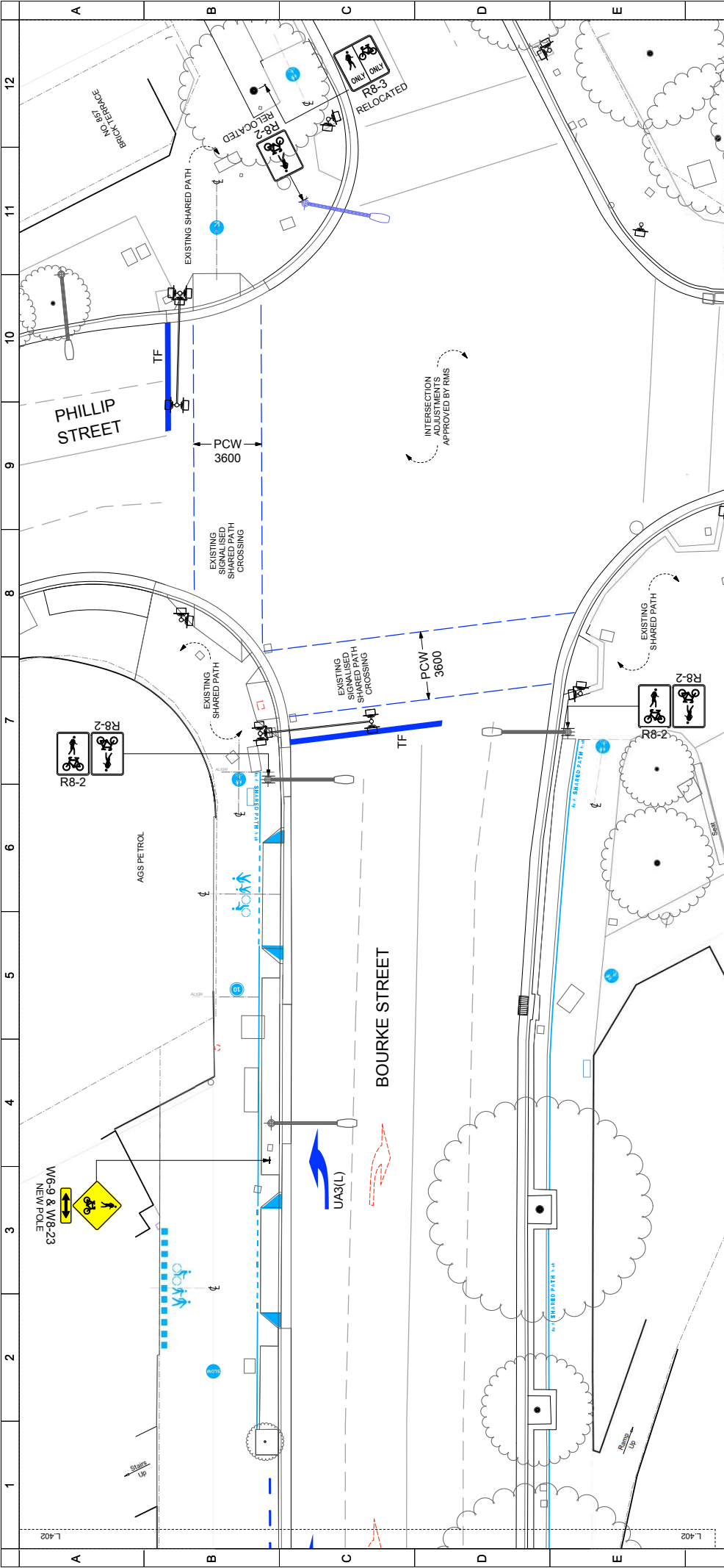
FINANCIAL

Funds are available in the current Budget.

ATTACHMENTS

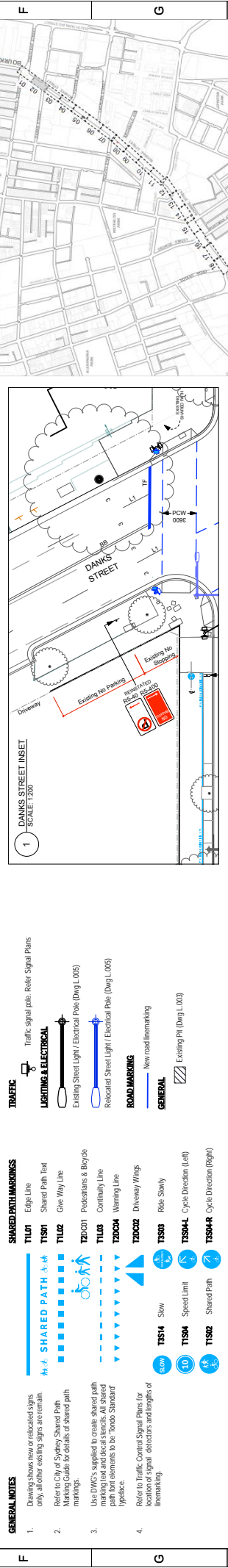
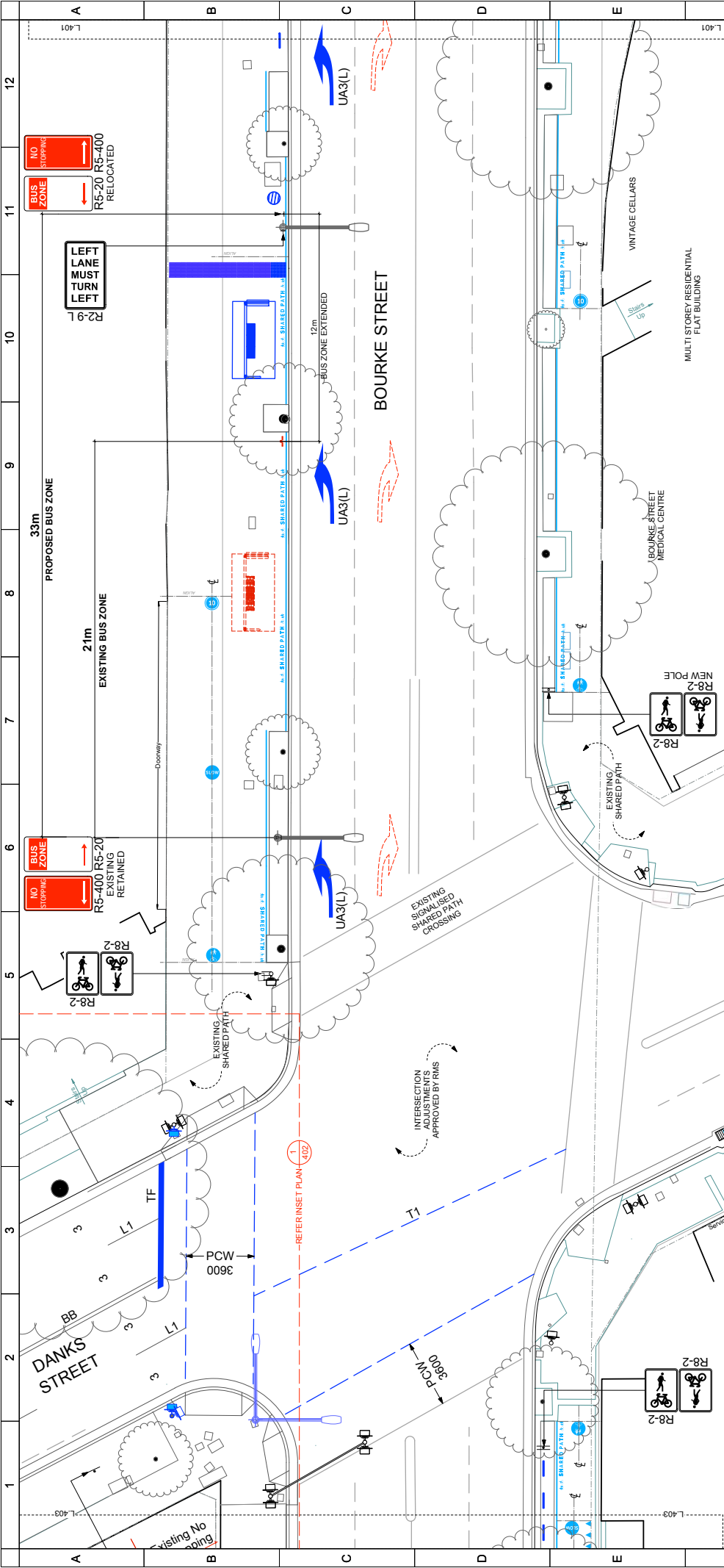
Item for Committee Information – Traffic Treatment – Shared Path and Footway Widening – Bourke Street Waterloo

Anton Leddin, Project Manager Streetscapes



- GENERAL NOTES**
- Drawing shows new or relocated signs only, all other existing signs remain. Refer to City of Sydney Shared Path Marking Guide for details of shared path markings.
 - Use DVICs, specified to create shared path marked foot and decal stacks. All shared path foot elements to be 'Tone, Standard' typeface.
 - Refer to Traffic Control Signal Plans for location of signal detectors and lengths of line marking.
- SHARED PATH MARKINGS**
- TL101 Edge-Line
 - TS101 Shared Path Foot
 - TL102 One-Way Line
 - TS101 Pedestrians & Bicycles
 - TL103 Continuity Line
 - TS104 Warning Line
 - TL2001 Driveway Wings
 - TS103 Road Slowly
 - TS104 Speed Limit
 - TS105 Cycles Direction (Left)
 - TS106 Cycles Direction (Right)
- TRAFFIC**
- Traffic Signal pole, Refer Signal Plans
- LIGHTING & ELECTRICAL**
- Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)
- ROAD MARKINGS**
- New road line marking
 - Existing PI (Dwg L.003)
- GENERAL**

<p>REVISION HISTORY</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>REVISED</td> <td>20.04.2016</td> <td>MS</td> </tr> <tr> <td>C</td> <td>FOR TRAFFIC COMMITTEE</td> <td>16.03.2016</td> <td>MS</td> </tr> </tbody> </table>		REV	DESCRIPTION	DATE	APPROVED	D	REVISED	20.04.2016	MS	C	FOR TRAFFIC COMMITTEE	16.03.2016	MS	<p>PROJECT INFORMATION</p> <p>PROJECT CROSS Phillip Street, Waterloo to Botany Road</p> <p>PROJECT NUMBER H4038</p> <p>DATE ISSUED 16/03/2016</p> <p>DRAWING MS</p> <p>DATE CHECKED 11/03/16 AT A1</p> <p>PROJECT SIZE A1</p> <p>DATE 12</p>	
REV	DESCRIPTION	DATE	APPROVED												
D	REVISED	20.04.2016	MS												
C	FOR TRAFFIC COMMITTEE	16.03.2016	MS												
<p>CLIENT</p> <p>SPACKMAN MOSSOP MICHAELS</p> <p>LANDSCAPE ARCHITECT</p> <p>PO Box 880, Darlinghurst, NSW 1500 Tel: 02 9551 4544 www.spackmanmossopmichaels.com.au</p>		<p>PROJECT NAME</p> <p>Bourke Street Shared Path</p> <p>MAIN WORKS</p> <p>Signs and Markings</p> <p>DATE 12</p>													
<p>DESIGNED BY</p> <p>MOSSOP</p>		<p>ORIGINAL IN COLOUR</p> <p>L-401</p>													



GENERAL NOTES

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- Refer to City of Sydney Shared Path Marking Guide for details of shared path markings.
- Use DVICs, specified to create shared path marking text and decal stickers. All shared path font elements to be 'Tone 3 Standard' typeface.
- Refer to Traffic Control Signal Plans for location of signal detectors and lengths of Ineemarking.

SHARED PATH MARKINGS

T1L01	Edge Line
T1S01	Shared Path Text
T1L02	One Way Line
T2L001	Pedestrians & Bicycles
T1L03	Continuity Line
T2D004	Warning Line
T2D002	Driveway Wings
T3S03	Road Slowly
T3S04	Cycle Direction (Left)
T3S04R	Cycle Direction (Right)
T3S14	Slow
T1S04	Speed Limit
T1S02	Shared Path

ROAD MARKINGS

- Relocated Street Light / Electrical Pole (Dwg L.005)
- Reinstated Street Light / Electrical Pole (Dwg L.005)
- New road Ineemarking
- Existing Pt (Dwg L.003)

GENERAL

- Traffic Signal pole, Refer Signal Plans
- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)
- New road Ineemarking
- Existing Pt (Dwg L.003)

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

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T1S01	Shared Path Text
T1L02	One Way Line
T2L001	Pedestrians & Bicycles
T1L03	Continuity Line
T2D004	Warning Line
T2D002	Driveway Wings
T3S03	Road Slowly
T3S04	Cycle Direction (Left)
T3S04R	Cycle Direction (Right)
T3S14	Slow
T1S04	Speed Limit
T1S02	Shared Path

ROAD MARKINGS

- Relocated Street Light / Electrical Pole (Dwg L.005)
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GENERAL

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- Relocated Street Light / Electrical Pole (Dwg L.005)
- New road Ineemarking
- Existing Pt (Dwg L.003)

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

PROJECT INFORMATION

PROJECT NUMBER: H403B
 PROJECT ADDRESS: Phillip Street, Waterloo to Botany Road
 DATE DRAWN: APRIL 2016
 DRAWING NO: 11000 AT A1
 SHEET SIZE: A1

DESIGNER
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APPROVED
 DATE: 20.04.2016 MS
 16.03.2016 MS

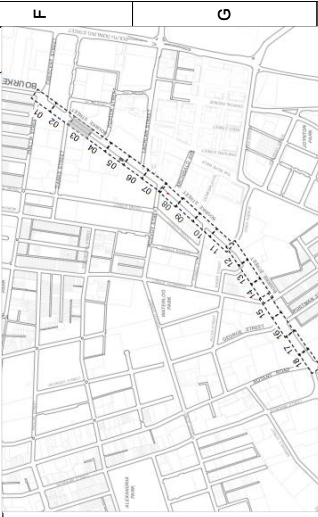
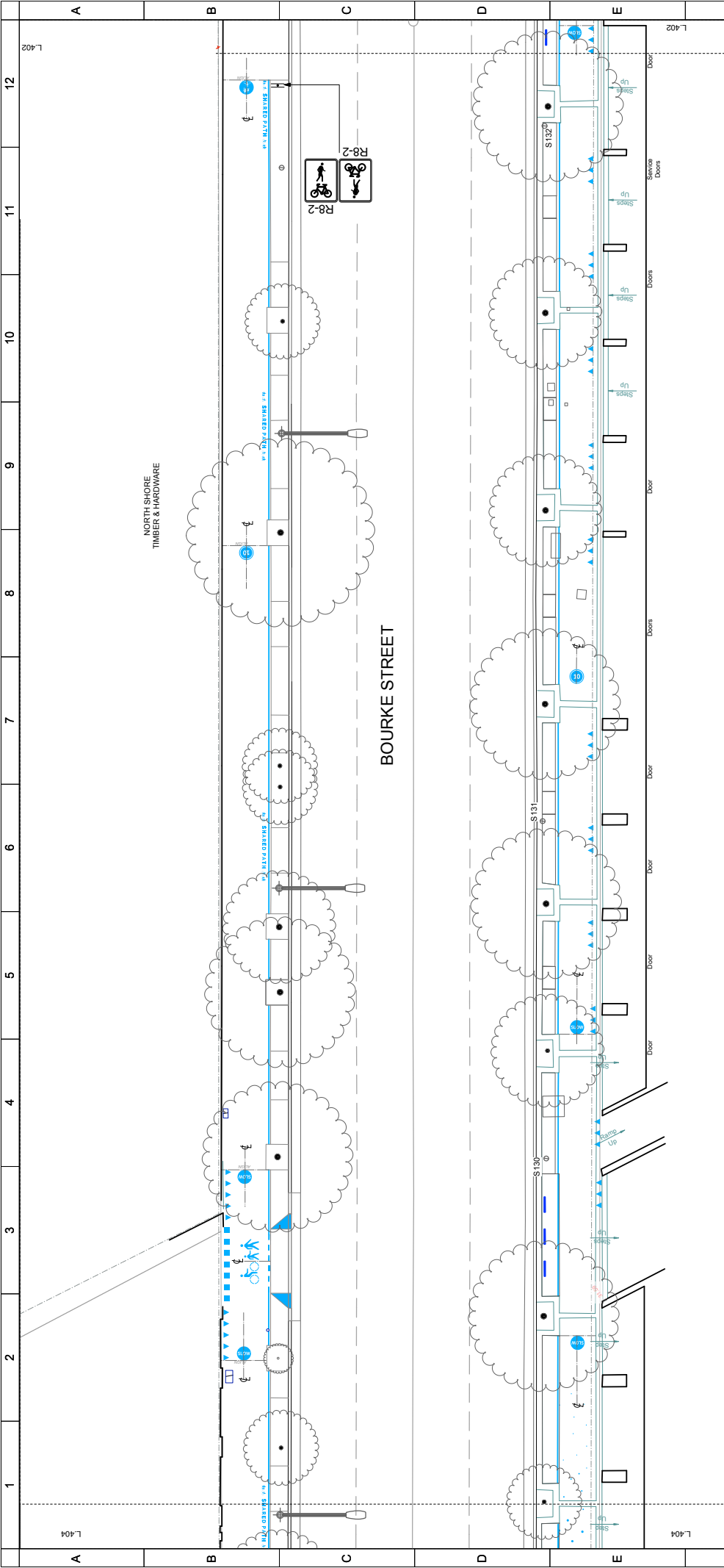
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
D	REVISION	20.04.2016	MS
C	FOR TRAFFIC COMMITTEE	16.03.2016	MS

BOURKE STREET SHARED PATH MAIN WORKS

PROJECT ADDRESS: Phillip Street, Waterloo to Botany Road
 DRAWING: Green Square
 SIGNAGE: Signs and Markings
 DRAWING NUMBER: L_402

ORIGINAL IN COLOUR



GENERAL NOTES

- Drawing shows new or relocated signs only, all other existing signs remain.
- Refer to City of Sydney Shared Path Marking Guide for details of shared path markings.
- Use DVICs, specified to create shared path marked foot and decal stencils. All shared path foot elements to be 'Tone, Standard' typeface.
- Refer to Traffic Control Signal Plans for location of signal detectors and lengths of line marking.

SHARED PATH MARKINGS

- TL101 Edge Line
- TS101 Shared Path Text
- TL102 Give Way Line
- TZ101 Pedestrians & Bicycles
- TL103 Continuity Line
- TZ104 Warning Line
- TZ102 Driveway Wings
- TS103 Road Slowly
- TS104 Slow
- TS104L Speed Limit
- TS102 Shared Path
- TS104L Cycles Direction (Left)
- TS104R Cycles Direction (Right)

TRAFFIC

- Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

- New road line marking
- Existing Pt (Dwg L.003)

GENERAL

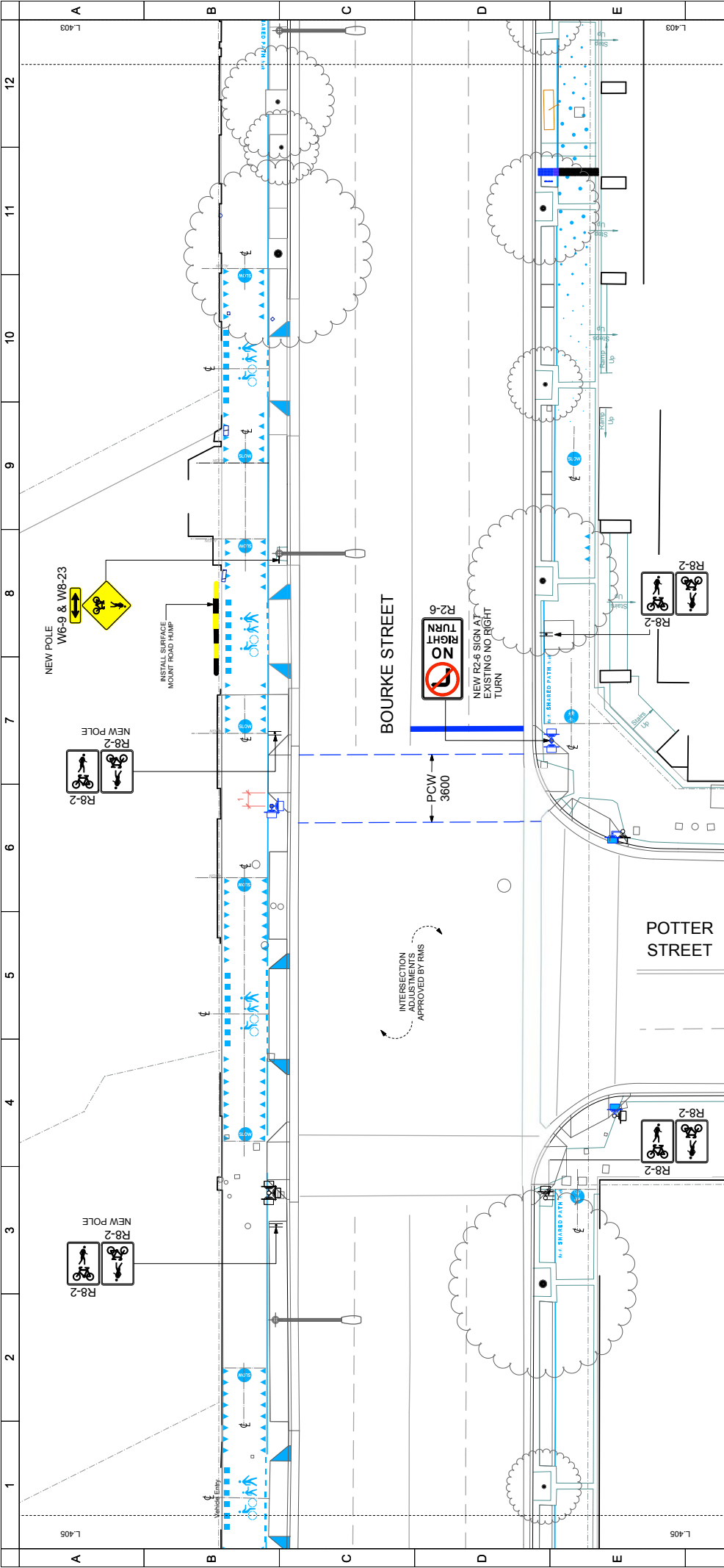
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PROJECT NAME	Green Square
DRAWING	Signs and Markings
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SCALE	AS SHOWN
PROJECT NUMBER	H008
DATE ISSUED	16.03.2016
DATE REVISION	11.03.2016
PROJECT SIZE	1:1000 AT A1
PROJECT NUMBER	H008
DATE	16.03.2016
SCALE	AS SHOWN

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REVISION HISTORY	DATE	APPROVED
D REVISION	20.04.2016	MS
C FOR TRAFFIC COMMITTEE	16.03.2016	MS
REV	DESCRIPTION	DATE



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SHARED PATH MARKINGS

- T1L01 Edge-Line
- T1S01 Shared Path Text
- T1L02 Giveway Line
- T2C01 Pedestrians & Bicycles
- T1L03 Continuity Line
- T2C04 Warning Line
- T2C02 Driveway Wings
- T3S14 Slow
- T1S04 Speed Limit
- T1S02 Shared Path

ROAD MARKINGS

- T3S03 Road Slowly
- T3S04L Cycles Direction (Left)
- T3S04R Cycles Direction (Right)

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

- New road inmarking
- Existing PI (Dwg L.003)

TRAFFIC

- Traffic signal pole, Refer Signal Plans

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
D	REMOVED	20.04.2016	MS
C	FOR TRAFFIC COMMITTEE	16.03.2016	MS

PROJECT INFORMATION

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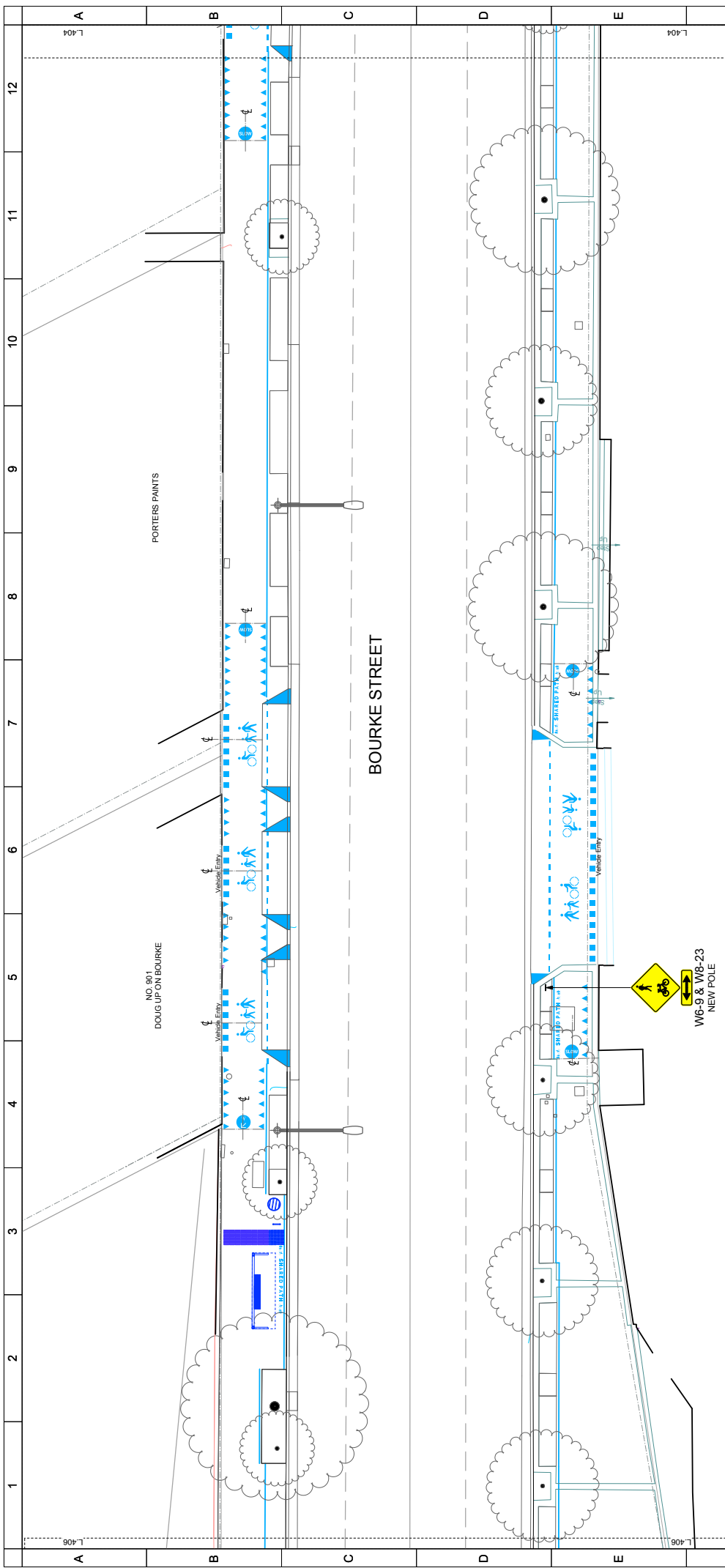
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PROJECT CROSS
Phillip Street, Waterloo to Botany Road
Green Square
DRAWING: Signs and Markings
DRAWING NUMBER: L-404

DATE
D

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DATE: 16.03.2016
APPROVED: MS



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SHARED PATH MARKINGS

- T1L01** Edge Line
- T1S01** Shared Path Text
- T1L02** Give Way Line
- T2L001** Pedestrians & Bicycles
- T1L03** Continuity Line
- T2D004** Warning Line
- T2D002** Driveway Wings
- T3S03** Road Slowly
- T3S04** Speed Limit
- T3S02** Shared Path
- T3S04L** Cycle Direction (Left)
- T3S04R** Cycle Direction (Right)

TRAFFIC

- Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

- New road line marking
- Existing PI (Dwg L.003)

GENERAL

- Existing PI (Dwg L.003)

W6-9 & W8-23 NEW POLE

PROJECT INFORMATION

PROJECT CROSS: Phillip Street, Waterloo to Botany Road
 DRAWING: Green Square
 DRAWING: Signs and Markings
 SURFACE NUMBER: L-405
 SHEET NUMBER: D

CLIENT
ESOTSYDNEY
 487 West Street
 Sydney NSW 2000

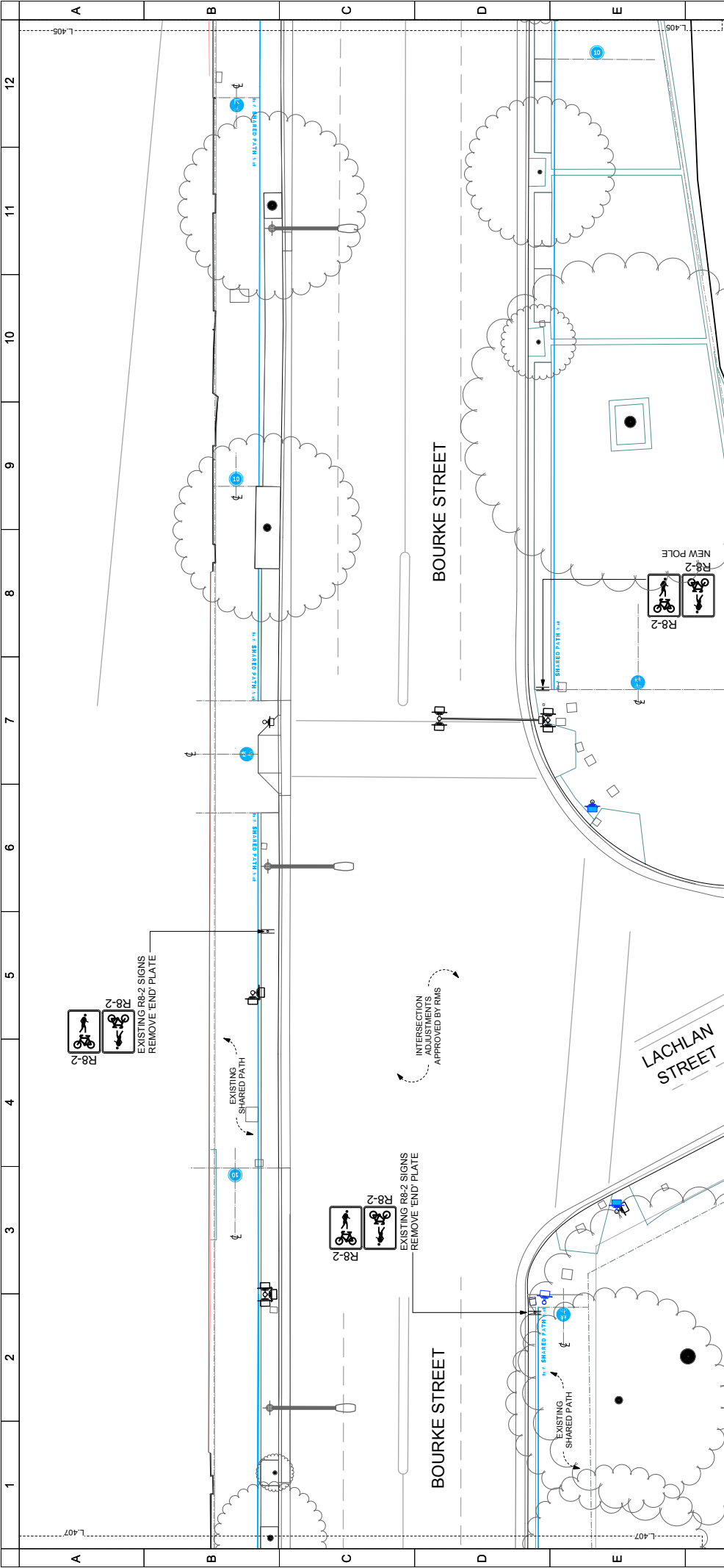
ARCHITECT
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DESIGNED MD HDOB
DRAWN LH
CHECKED MS
DATE 2016
SCALE 1:100 AT A1
SHEET SIZE A1
DATE 16.03.2016
APPROVED

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
D	REVISED	20.04.2016	MS
C	FOR TRAFFIC COMMITTEE	16.03.2016	MS

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- T1L01 Edge Line
- T1S01 Shared Path Foot
- T1L02 Give Way Line
- T2L01 Pedestrians & Bicycles
- T1L03 Continuity Line
- T2D04 Warning Line
- T2D02 Driveway Wings
- T3S03 Slow
- T3S04 Speed Limit
- T1S02 Shared Path
- T3S04 Cycles Direction (Left)
- T3S04 Cycles Direction (Right)

ROAD MARKINGS

- T2D02 Driveway Wings
- T3S03 Slow
- T3S04 Speed Limit
- T1S02 Shared Path
- T3S04 Cycles Direction (Left)
- T3S04 Cycles Direction (Right)

TRAFFIC

- Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

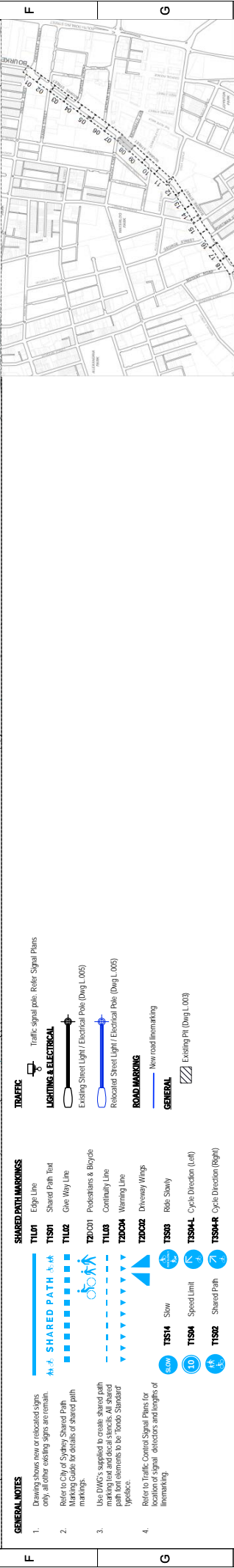
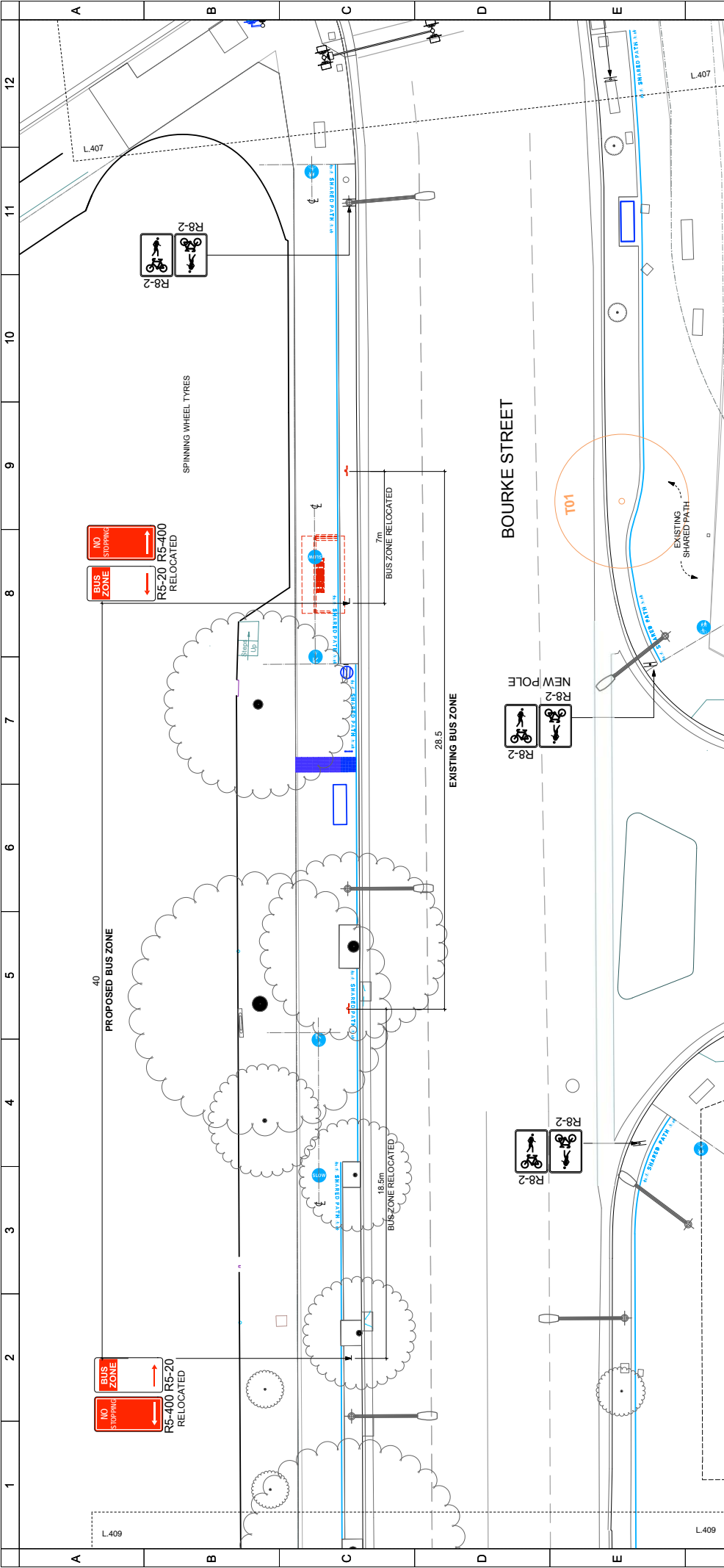
- New road line marking
- Existing PI (Dwg L.003)

GENERAL

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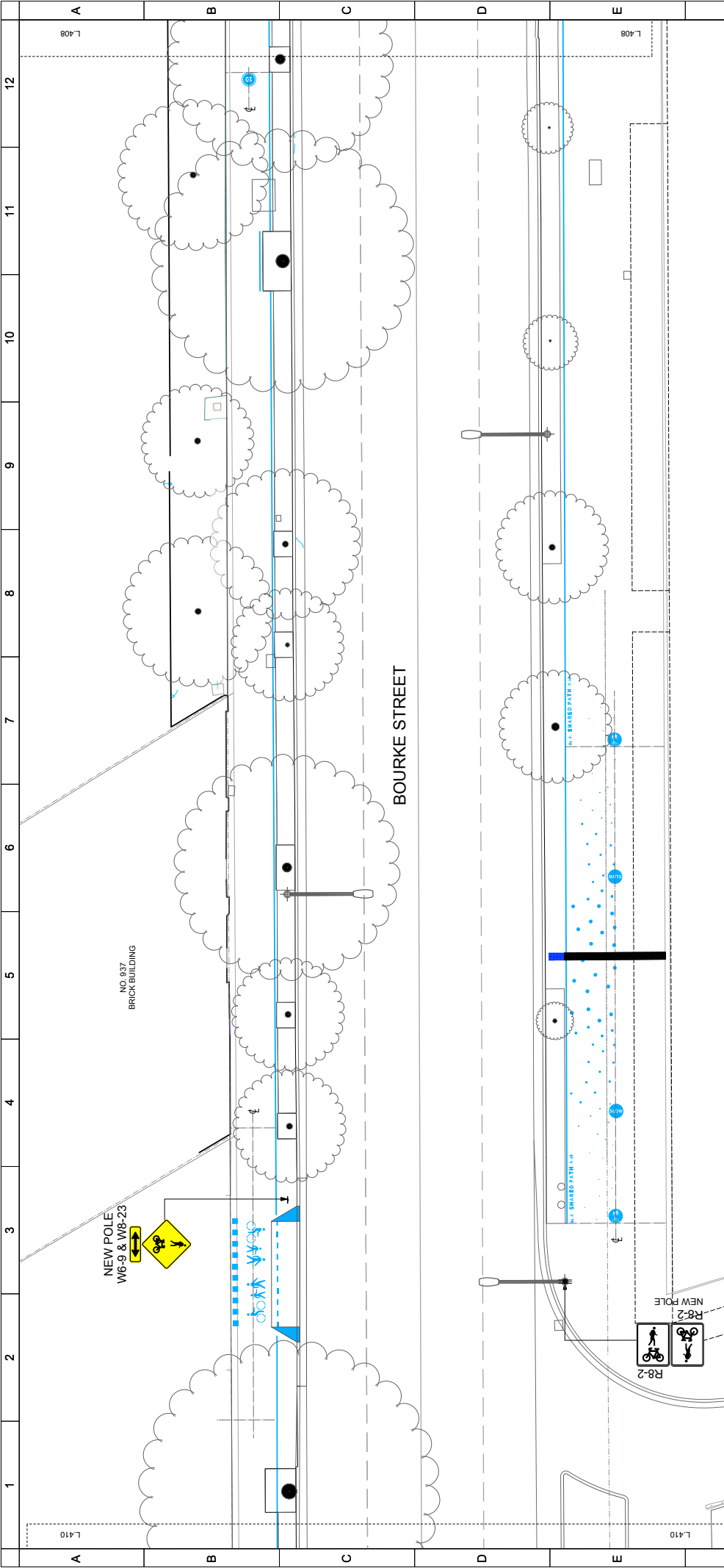
		SPACKMAN MOSSOP MICHAELS LANDSCAPE ARCHITECT PO Box 883, Darlinghurst NSW 1500 www.spackmanmossopmichaels.com info@spackmanmossopmichaels.com TEL: (02) 9551 4544 FAX: (02) 9551 4568													
Bourke Street Shared Path MAIN WORKS PROJECT CROSS Phillip Street, Waterloo to Botany Road Green Square DRAWING Signs and Markings		PROJECT NUMBER: H4038 DATE ISSUED: 16 JUN 2016 DATE REVISION: 11/03/2016 AT A1 SHEET SIZE: A1 ORIGINAL IN COLOUR													
REVISION HISTORY <table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>REVISION</td> <td>20.04.2016</td> <td>MS</td> </tr> <tr> <td>C</td> <td>FOR TRAFFIC COMMITTEE</td> <td>16.03.2016</td> <td>MS</td> </tr> </tbody> </table>		REV	DESCRIPTION	DATE	APPROVED	D	REVISION	20.04.2016	MS	C	FOR TRAFFIC COMMITTEE	16.03.2016	MS	DRAWING NUMBER: L-406 SCALE: D	
REV	DESCRIPTION	DATE	APPROVED												
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C	FOR TRAFFIC COMMITTEE	16.03.2016	MS												

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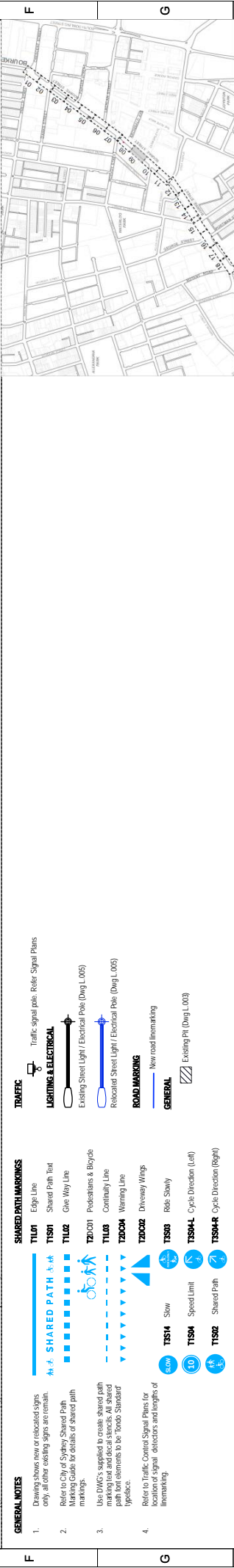


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 - T2L001 Pedestrians & Bicycles Continuity Line
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 - T3S04R Cycles Direction (Right)
- TRAFFIC**
- Traffic signal pole, Refer Signal Plans
- LIGHTING & ELECTRICAL**
- Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)
- ROAD MARKINGS**
- New road line marking
 - Existing Pt (Dwg L.003)
- GENERAL**
- Existing Pt (Dwg L.003)

<p>DESIGNED BY: MD</p> <p>DRAWN BY: LH</p> <p>CHECKED BY: MS</p> <p>DATE: 20/04/2016</p> <p>SCALE: 1:1000 AT A1</p> <p>PROJECT NUMBER: H4038</p> <p>DATE: 20/04/2016</p> <p>PROJECT: Bourke Street, Waterloo to Botany Road</p> <p>DRAWING: Green Square</p> <p>DESCRIPTION: Signs and Markings</p> <p>DATE: 20/04/2016</p> <p>PROJECT NUMBER: H4038</p> <p>SCALE: 1:1000 AT A1</p> <p>ORIGINAL IN COLOUR</p> <p>PROJECT NUMBER: L-408</p> <p>SCALE: 1:1000 AT A1</p>													
<p>CLIENT: CITY OF SYDNEY</p> <p>LANDSCAPE ARCHITECT: SPACKMAN MOSSOP MICHAELS</p> <p>PO BOX 883, Darlinghurst NSW 1500</p> <p>WWW.SPACKMANMOSSOPMICHAELS.COM</p> <p>TEL: (02) 9511 4611 FAX: (02) 9511 4608</p>													
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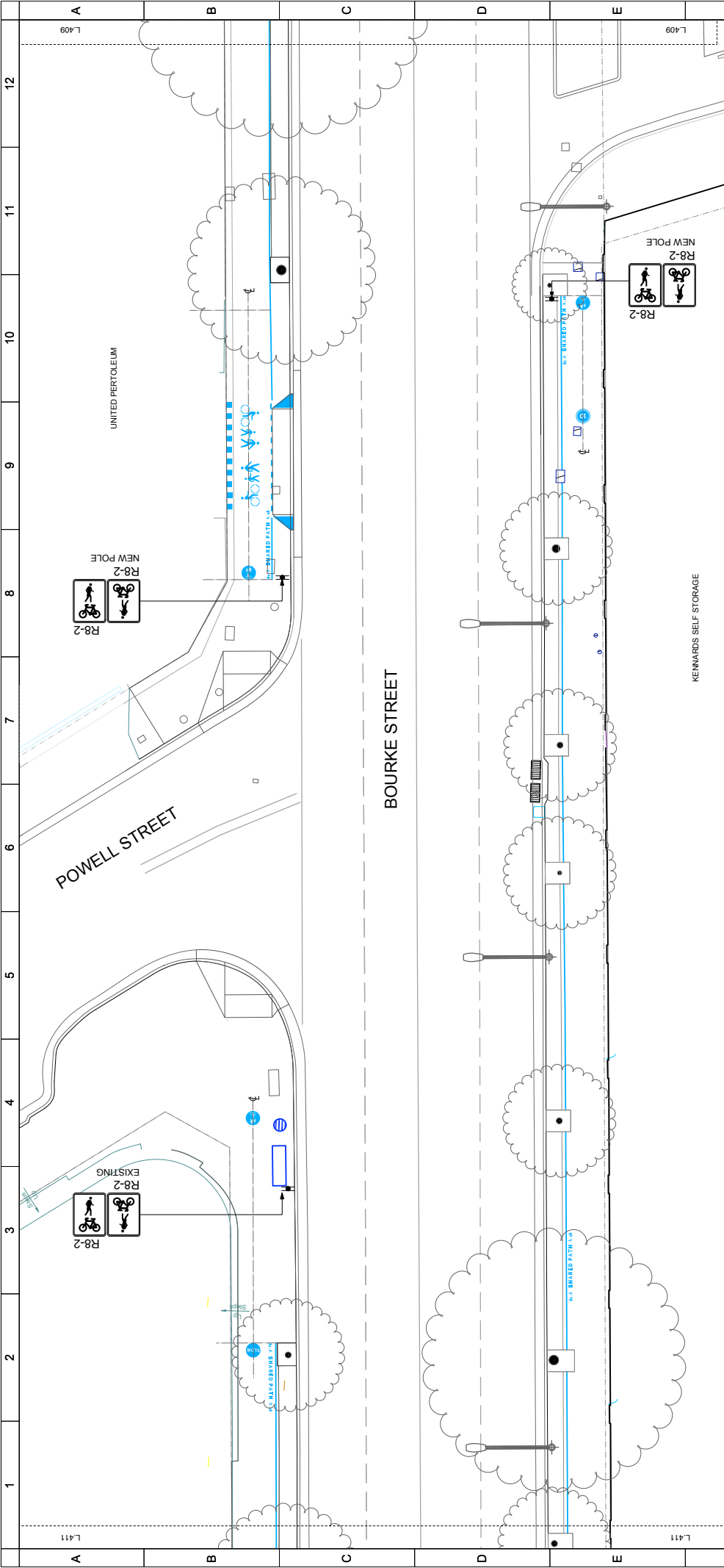


BOURKE STREET



- GENERAL NOTES**
- Drawing shows new or relocated signs only, all other existing signs remain.
 - Refer to City of Sydney Shared Path Marking Guide for details of shared path markings.
 - Use DVCS, specified to create shared path marked foot and decal stencils. All shared path foot elements to be 'Tone, Standard' typeface.
 - Refer to Traffic Control Signal Plans for location of signal detectors and lengths of inemarking.
- SHARED PATH MARKINGS**
- T1L01 Edge Line
 - T1S01 Shared Path Text
 - T1L02 Give Way Line
 - T2L01 Pedestrians & Bicycles Continuity Line
 - T2S04 Warning Line
 - T2C02 Driveway Wings
 - T3S03 Road Slowly
 - T3S04 Speed Limit
 - T3S04L Cycles Direction (Left)
 - T3S04R Cycles Direction (Right)
- ROAD MARKINGS**
- T2C02 Driveway Wings
 - T3S03 Road Slowly
 - T3S04 Speed Limit
 - T3S04L Cycles Direction (Left)
 - T3S04R Cycles Direction (Right)
- GENERAL**
- Existing PI (Dwg L.003)
- TRAFFIC**
- Traffic Signal pole, Refer Signal Plans
- LIGHTING & ELECTRICAL**
- Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)

<p>CLIENT CITY OF SYDNEY 200 Water Street Sydney NSW 2000</p> <p>ARCHITECT SPACKMAN MOSSOP MICHAELS PO Box 883, Darlinghurst NSW 1500 www.spackmanmossop.com.au info@spackmanmossop.com TEL: (02) 9511 4544 FAX: (02) 9511 4568</p>		<p>PROJECT CROSS Phillip Street, Waterloo to Botany Road Green Square DRAWING Signs and Markings</p> <p>PROJECT NUMBER H403</p> <p>DATE DRAWN 16 JUN 2016</p> <p>DATE CHECKED 16 JUN 2016</p> <p>DATE PLOTTED 11/03/2016</p> <p>PROJECT NUMBER ORIGINAL IN COLOUR</p>													
<p>DISCLAIMER OF LIABILITY © This drawing is Copyright and may not be used, reproduced or copied in any form without the written permission of the City of Sydney. The drawings may only be used for the specific purpose and project for which they have been created and designed.</p>		<p>DATE 20/04/2016 MS</p> <p>REVISION HISTORY</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>REVISION</td> <td>20/04/2016</td> <td>MS</td> </tr> <tr> <td>C</td> <td>FOR TRAFFIC COMMITTEE</td> <td>16/03/2016</td> <td>MS</td> </tr> </tbody> </table>		REV	DESCRIPTION	DATE	APPROVED	D	REVISION	20/04/2016	MS	C	FOR TRAFFIC COMMITTEE	16/03/2016	MS
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<p>GRID 1 2 3 4 5 6 7 8 9 10 11 12</p>		<p>GRID A B C D</p>													



GENERAL NOTES

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- Use DVICs, specified to create shared path marked foot and decal stencils. All shared path foot elements to be 'Tone, Standard' typeface.
- Refer to Traffic Control Signal Plans for location of signal detectors and lengths of linemarking.

SHARED PATH MARKINGS

- T1L01** Edge Line
- T1S01** Shared Path Foot
- T1L02** Give Way Line
- T2L001** Pedestrians & Bicycles
- T1L03** Continuity Line
- T2D004** Warning Line
- T2D002** Driveway Wings
- T3S03** Road Slowly
- T3S04** Speed Limit
- T3S02** Shared Path
- T3S01** Slow
- T3S04L** Cycle Direction (Left)
- T3S04R** Cycle Direction (Right)

TRAFIC

- Lighting & Electrical**
 - Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)
- Road Markings**
 - New road linemarking
 - Existing Pt (Dwg L.003)

GENERAL

- Traffic signal pole, Refer Signal Plans

GENERAL NOTES

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SHARED PATH MARKINGS

- T1L01** Edge Line
- T1S01** Shared Path Foot
- T1L02** Give Way Line
- T2L001** Pedestrians & Bicycles
- T1L03** Continuity Line
- T2D004** Warning Line
- T2D002** Driveway Wings
- T3S03** Road Slowly
- T3S04** Speed Limit
- T3S02** Shared Path
- T3S01** Slow
- T3S04L** Cycle Direction (Left)
- T3S04R** Cycle Direction (Right)

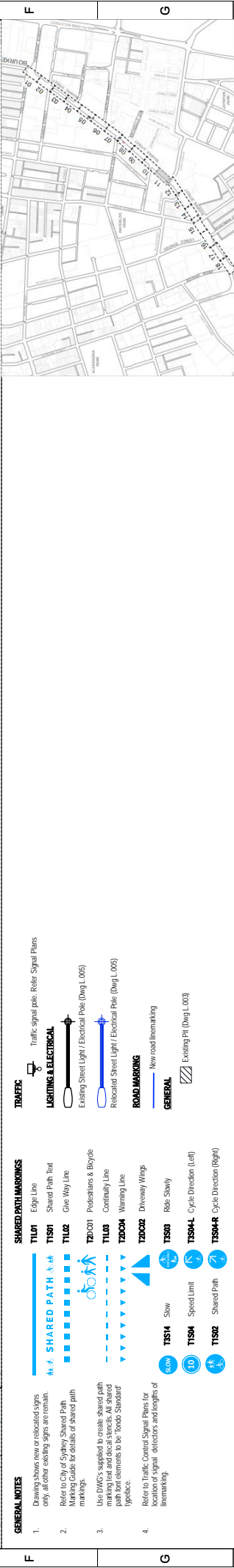
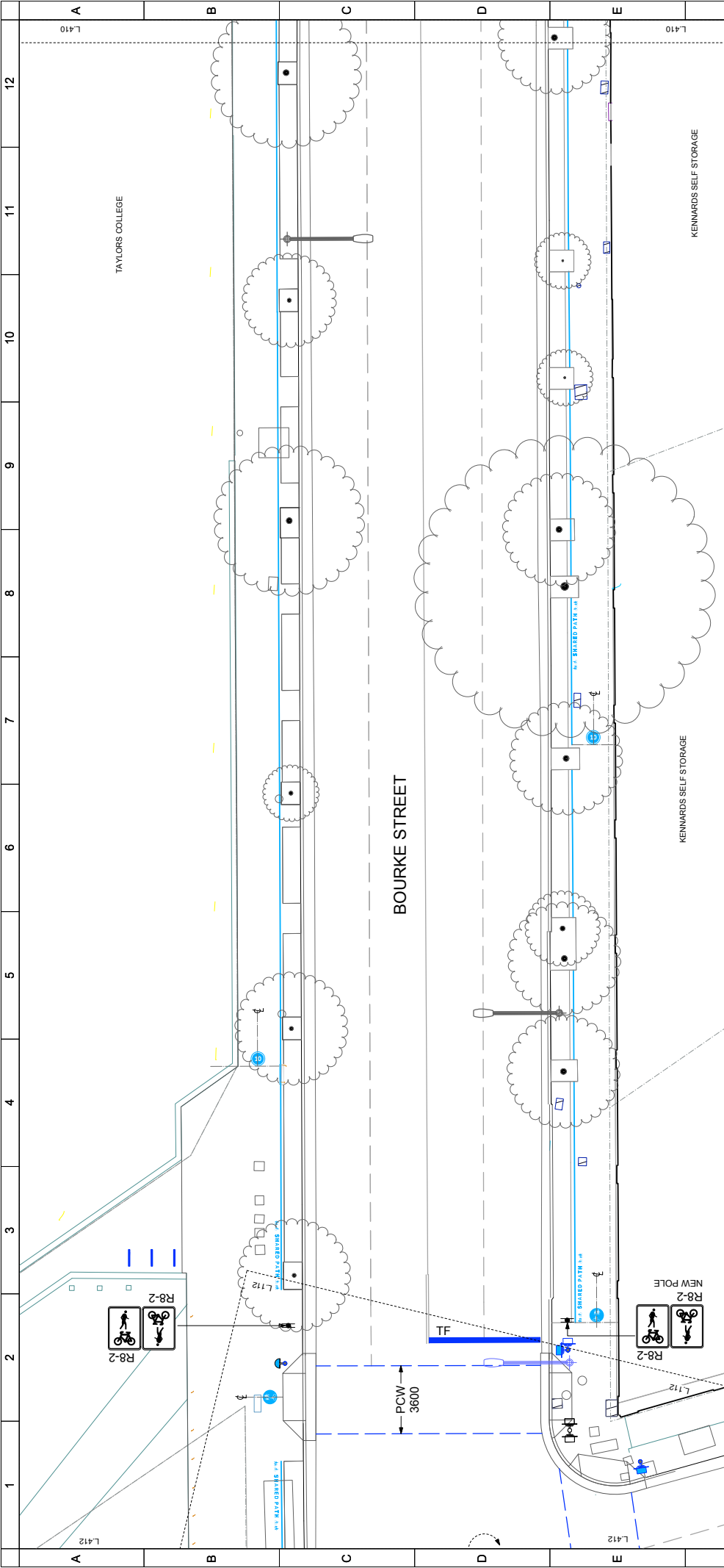
TRAFIC

- Lighting & Electrical**
 - Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)
- Road Markings**
 - New road linemarking
 - Existing Pt (Dwg L.003)

GENERAL

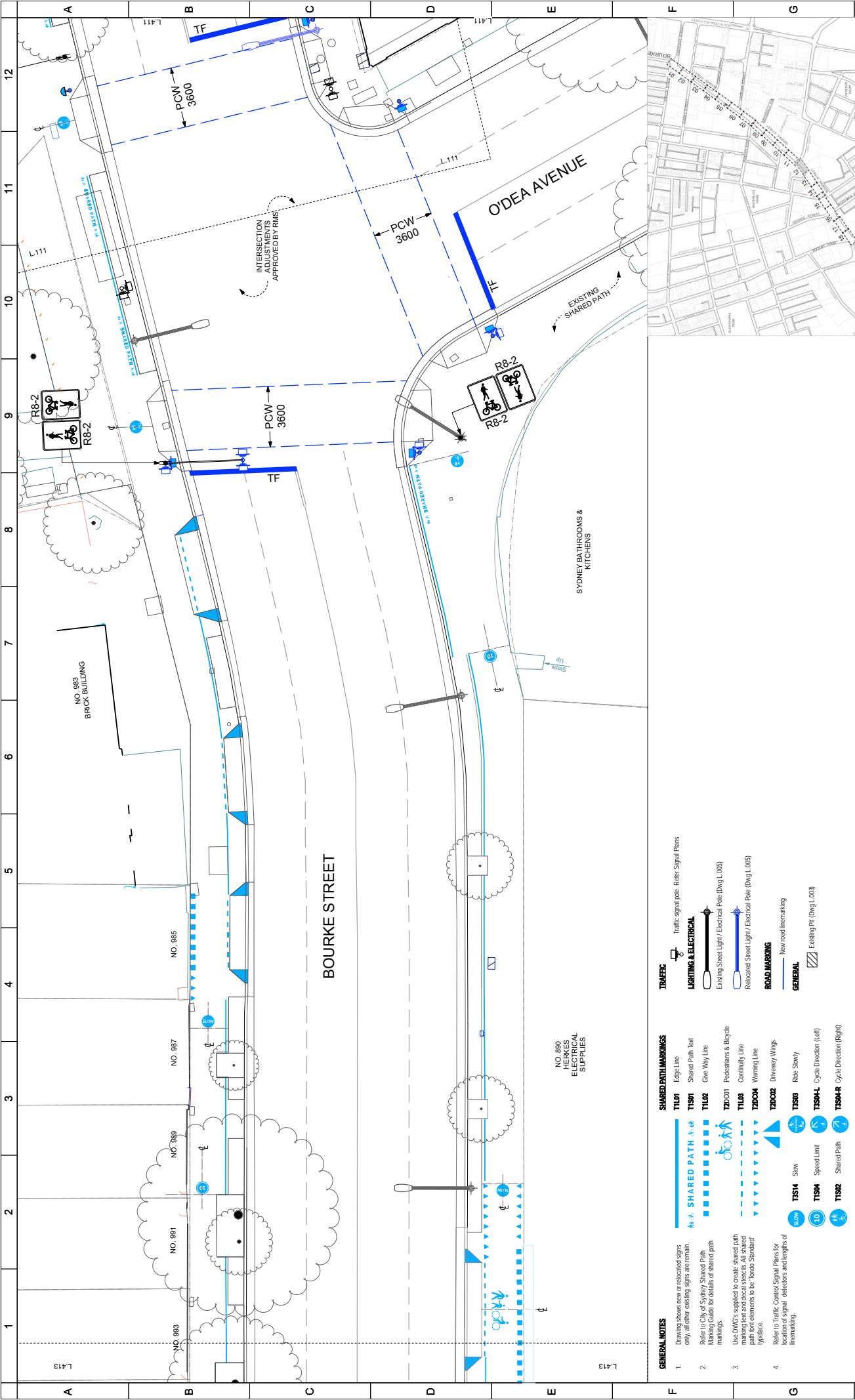
- Traffic signal pole, Refer Signal Plans

<p>CLIENT CITY OF SYDNEY 4th Floor, 100 Market Street Sydney NSW 2000</p> <p>LANDSCAPE ARCHITECT SPACKMAN MOSSOP MICHAELS PO Box 880, Darlinghurst NSW 1500 Tel: 02 9231 4544 Fax: 02 9231 4548 www.spackmanmossopmichaels.com info@spackmanmichaels.com</p>		<p>PROJECT CROSS Phillip Street, Waterloo to Botany Road Green Square DRAWING Signs and Markings</p> <p>PROJECT NUMBER H4038</p> <p>DATE DRAWN 16/03/2016</p> <p>DATE CHECKED 11/03/2016</p> <p>PROJECT NUMBER L-410</p> <p>DATE 16/03/2016</p> <p>PROJECT NUMBER L-410</p>																					
<p>DISCLAIMER This drawing is a design and may not be used, reproduced or copied in any form without the written permission of the author. The drawing may only be used for the specific purpose and project for which it has been created and delivered.</p>		<p>DISCLAIMER This drawing is a design and may not be used, reproduced or copied in any form without the written permission of the author. The drawing may only be used for the specific purpose and project for which it has been created and delivered.</p>																					
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- GENERAL NOTES**
- Drawing shows new or relocated signs only, all other existing signs are remain.
 - Refer to City of Sydney Shared Path Marking Guide for details of shared path markings.
 - Use DVICs specified to create shared path marked foot and decal stencils. All shared path foot elements to be 'Tonec' Standard typeface.
 - Refer to Traffic Control Signal Plans for location of signal detectors and lengths of Inemarking.
- SHARED PATH MARKINGS**
- T1L01** Edge-Line
 - T1S01** Shared Path Text
 - T1L02** Give Way Line
 - T2L001** Pedestrians & Bicycles Continuity Line
 - T2L003** Warning Line
 - T2L002** Driveway Wings
 - T3S01** Slow
 - T3S02** Speed Limit
 - T3S03** Road Slowly
 - T3S04L** Cycles Direction (Left)
 - T3S04R** Cycles Direction (Right)
- ROAD MARKINGS**
- T2R001** New road Inemarking
 - T2R002** Existing PH (Dwg L.003)
- GENERAL**
- T2R003** Traffic signal pole. Refer Signal Plans
 - T2R004** Existing Street Light / Electrical Pole (Dwg L.005)
 - T2R005** Relocated Street Light / Electrical Pole (Dwg L.005)
- LIGHTING & ELECTRICAL**
- T2R006** Existing Street Light / Electrical Pole (Dwg L.005)
 - T2R007** Relocated Street Light / Electrical Pole (Dwg L.005)
- TRAFFIC**
- T2R008** Traffic signal pole. Refer Signal Plans

<p>CLIENT CITY OF SYDNEY 200 Water Street Sydney NSW 2000</p> <p>ARCHITECT SPACKMAN MOSSOP MICHAELS PO Box 883, Darlinghurst NSW 1500 www.spackmanmossopmichaels.com Tel: (02) 9551 4544 Fax: (02) 9551 4568</p>		<p>PROJECT CROSS Bourke Street, Waterloo to Botany Road Green Square DRAWING Signs and Markings</p> <p>PROJECT NUMBER H05B</p> <p>DATE DRAWN 16 JUN 2016</p> <p>DATE CHECKED 11/06/16 AT 1</p> <p>PROJECT NUMBER ORIGINAL IN COLOUR</p>									
<p>DESIGNED MD</p> <p>DRAWN LH</p> <p>CHECKED MS</p> <p>PROJECT NUMBER A1</p>		<p>DATE REVISION 20/04/2016 MS</p> <p>FOR TRAFFIC COMMITTEE 16/03/2016 MS</p> <p>REVISION HISTORY</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		REV	DESCRIPTION	DATE	APPROVED	1			
REV	DESCRIPTION	DATE	APPROVED								
1											
<p>SCALE L-411</p>		<p>SCALE D</p>									



GENERAL NOTES

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- Use DVICs, as specified, to create shared path marked foot and decal stacks. All shared path foot elements to be 'Tone, Standard' typeface.
- Refer to Traffic Control Signal Plans for location of signal detectors and lengths of line marking.

SHARED PATH MARKINGS

- TL101 Edge-Line
- TS101 Shared Path Foot
- TL102 Give Way Line
- TS101 Pedestrians & Bicycles
- TL103 Continuity Line
- TS104 Warning Line
- TL2001 Driveway Wings
- TS103 Road Slowly
- TS104L Cycles Direction (Left)
- TS104R Cycles Direction (Right)

LIGHTING & ELECTRICAL

- Existing Street Light / Electrical Pole (Dwg L.005)
- Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

- New road line marking
- Existing PI (Dwg L.003)

GENERAL

TRAFFIC

- Traffic signal pole, Refer Signal Plans

CLIENT
SPACKMAN MOSSOP MICHAELS
 LANDSCAPE ARCHITECT
 PO Box 883, Darlinghurst NSW 1500
 www.spackmanmossopmichaels.com
 Tel: (02) 9551 4544 Fax: (02) 988 1468

PROJECT INFORMATION

PROJECT NUMBER: H4038
 DATE DRAWN: 16/03/2016
 DRAWING: 1100 AT A1
 SHEET SIZE: A1

PROJECT CROSS
 Phillip Street, Waterloo to Botany Road
 Green Square
 Signs and Markings

DATE: 20/04/2016 MS
 16/03/2016 MS

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
D	REVISION	20/04/2016	MS
C	FOR TRAFFIC COMMITTEE	16/03/2016	MS

PROJECT CROSS: Bourke Street Shared Path
 MAIN WORKS

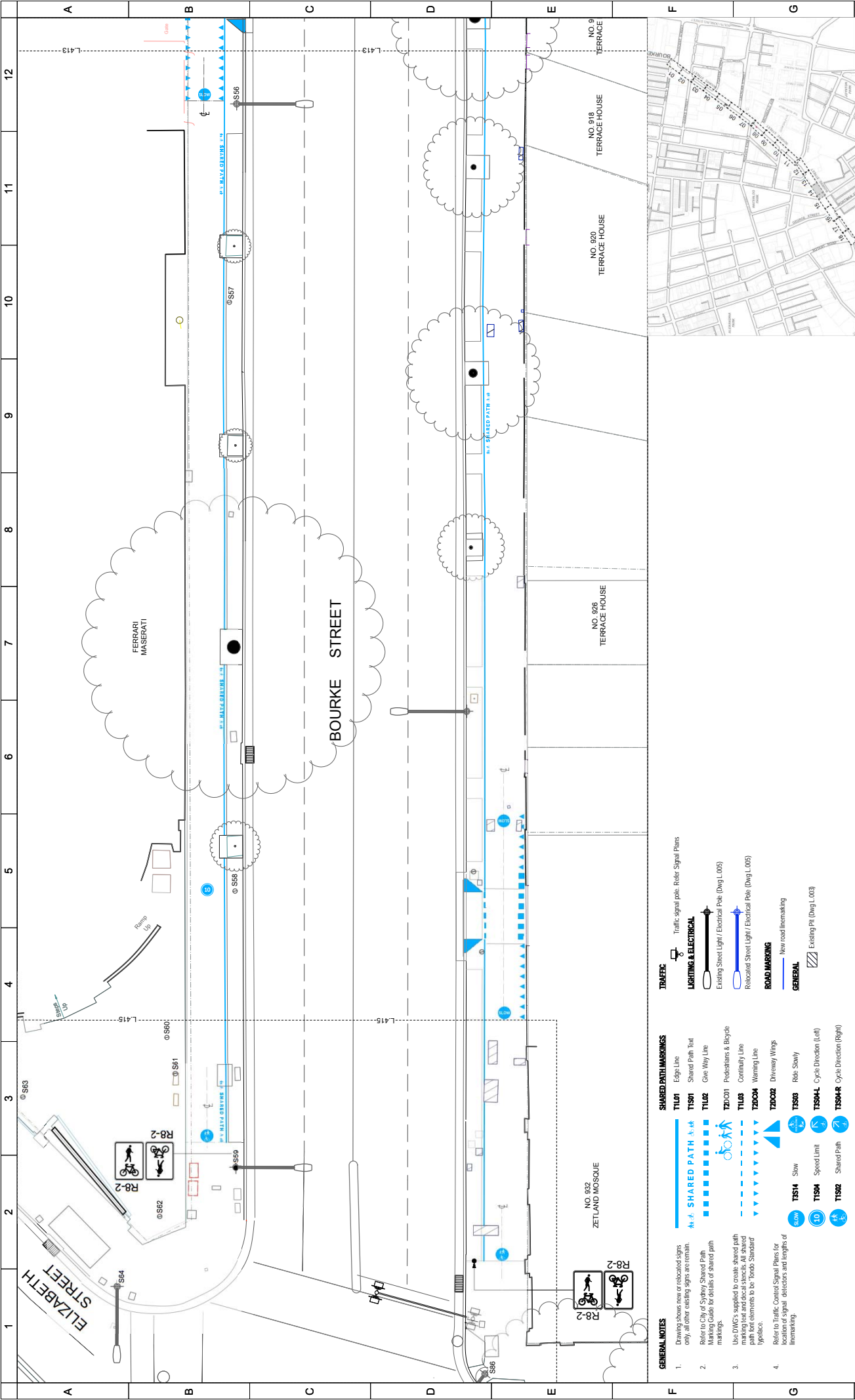
DATE: 16/03/2016
 DRAWING: 1100 AT A1
 SHEET SIZE: A1

PROJECT CROSS: Bourke Street Shared Path
 MAIN WORKS

DATE: 16/03/2016
 DRAWING: 1100 AT A1
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DATE: 16/03/2016
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TRAFFIC

Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

Existing Street Light / Electrical Pole (Dwg L.005)

Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

New road Inmarking

Existing PI (Dwg L.003)

GENERAL

SHARED PATH MARKINGS

Edge Line
 Shared Path Text
 Give Way Line
 Pedestrians & Bicycles
 Continuity Line
 Warning Line
 Driveway Wings
 Road Slowly
 Cycle Direction (Left)
 Cycle Direction (Right)

GENERAL

Slow
 Speed Limit
 Shared Path

GENERAL NOTES

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TRAFFIC

Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

Existing Street Light / Electrical Pole (Dwg L.005)

Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

New road Inmarking

Existing PI (Dwg L.003)

GENERAL

SHARED PATH MARKINGS

Edge Line
 Shared Path Text
 Give Way Line
 Pedestrians & Bicycles
 Continuity Line
 Warning Line
 Driveway Wings
 Road Slowly
 Cycle Direction (Left)
 Cycle Direction (Right)

GENERAL

Slow
 Speed Limit
 Shared Path

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TRAFFIC

Traffic signal pole, Refer Signal Plans

LIGHTING & ELECTRICAL

Existing Street Light / Electrical Pole (Dwg L.005)

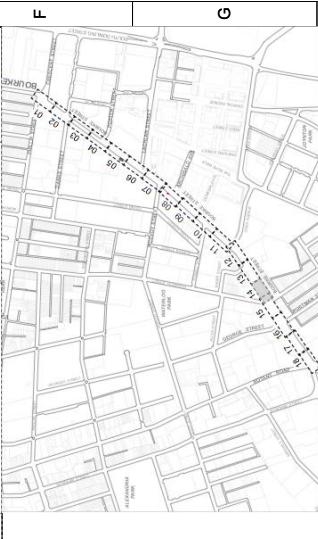
Relocated Street Light / Electrical Pole (Dwg L.005)

ROAD MARKINGS

New road Inmarking

Existing PI (Dwg L.003)

GENERAL



CLIENT

ESOT SYDNEY
 45 Market Street
 Sydney NSW 2000

LANDSCAPE ARCHITECT

SPACKMAN MOSSOP MICHAELS
 PO Box 880, Darlinghurst, NSW 1500
 Tel: 02 9551 4544
 www.spackmanmossopmichaels.com

PROJECT CROSS
 Bourke Street, Waterloo to Botany Road
 Green Square
 DRAWING
 Signs and Markings

PROJECT NUMBER H4038
DATE DRAWN 16/03/2016
DATE CHECKED 11/03/2016
PROJECT SIZE A1

DISCIPLINE MD
DESIGNER LH
CHECKED MS

DATE 16/03/2016
PROJECT NUMBER L-414

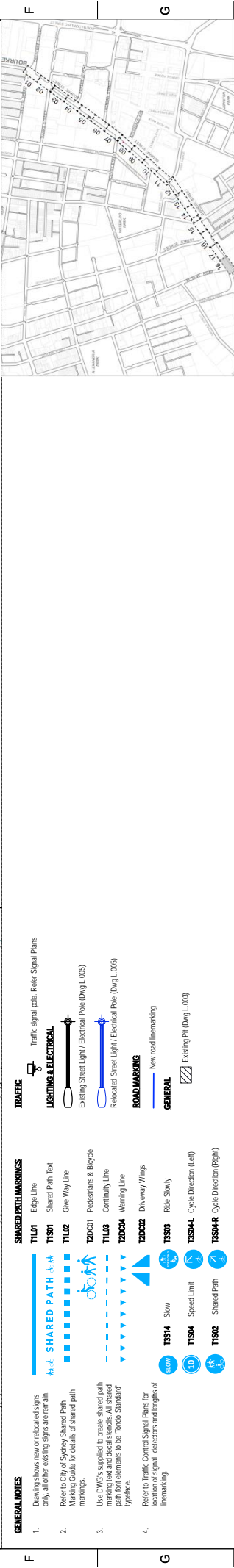
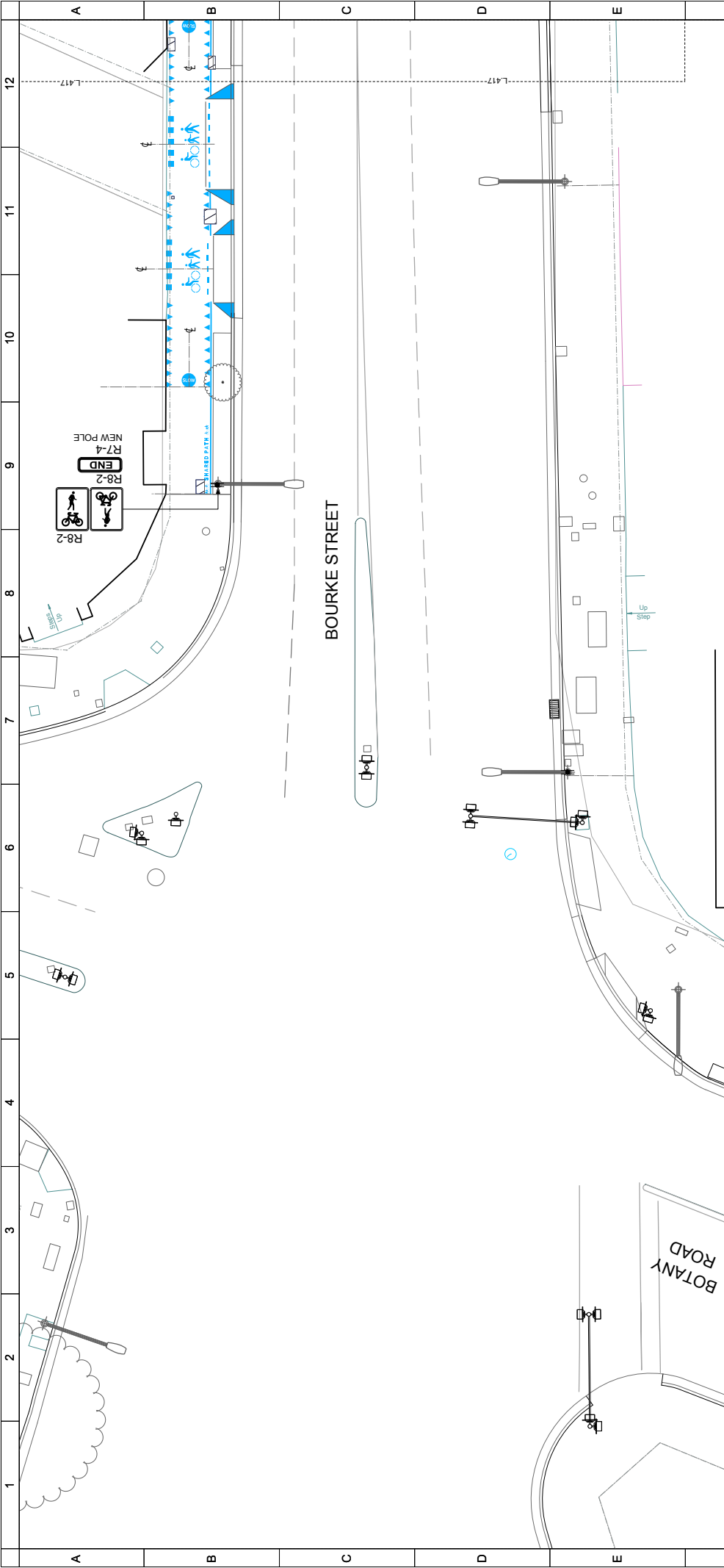
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
D	REVISED	20.04.2016	MS
C	FOR TRAFFIC COMMITTEE	16.03.2016	MS

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
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ORIGINAL IN COLOUR

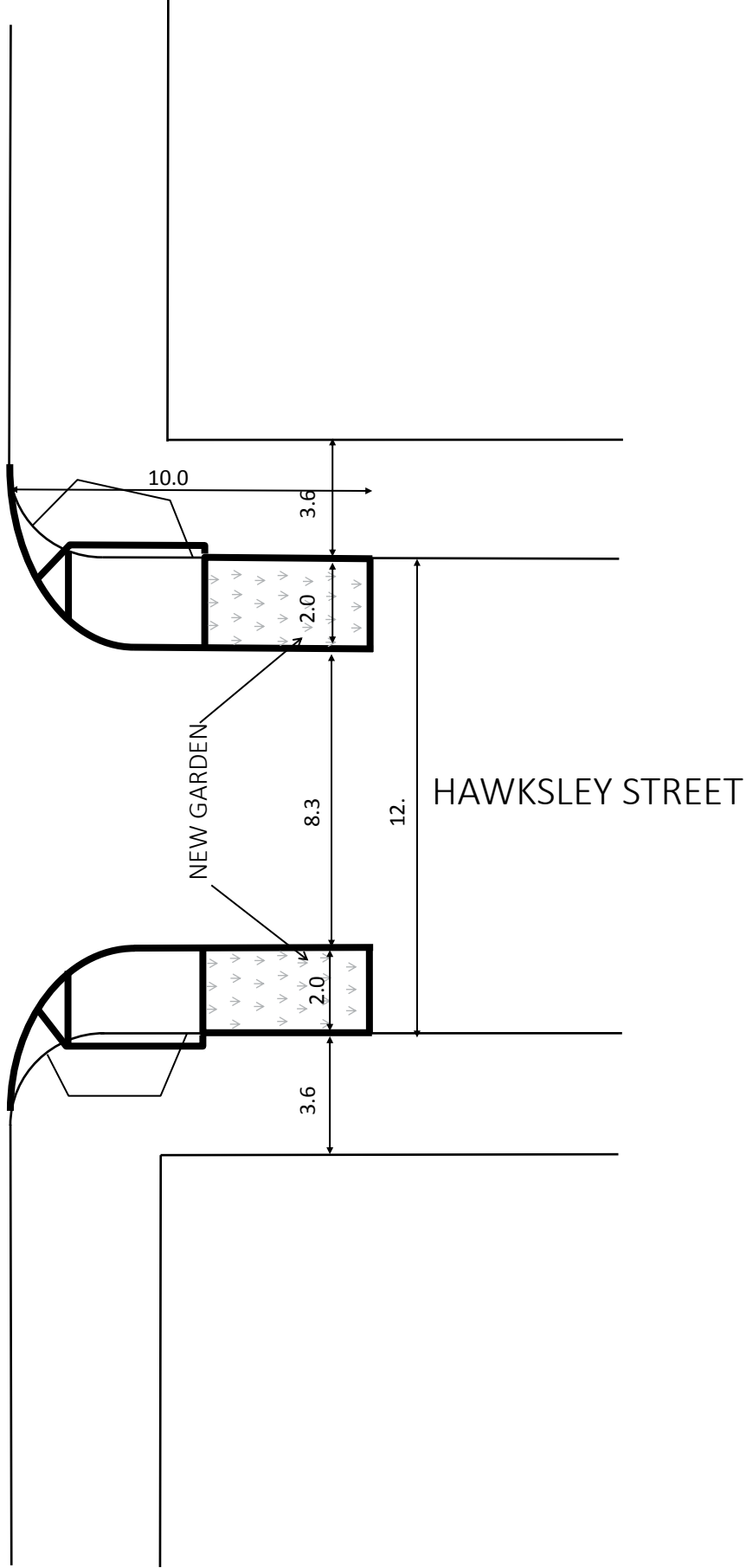


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 - T2L001 Pedestrians & Bicycles Continuity Line
 - T1L03 Continuity Line
 - T2L004 Warning Line
 - T2L002 Driveway Wings
 - T3S04 Slow
 - T1S04 Speed Limit
 - T1S02 Shared Path
 - T3S03 Road Slowly
 - T3S04L Cycles Direction (Left)
 - T3S04R Cycles Direction (Right)
- TRAFFIC**
- Traffic signal pole, Refer Signal Plans
- LIGHTING & ELECTRICAL**
- Existing Street Light / Electrical Pole (Dwg L.005)
 - Relocated Street Light / Electrical Pole (Dwg L.005)
- ROAD MARKINGS**
- New road linemarking
 - Existing PI (Dwg L.003)
- GENERAL**
- Existing PI (Dwg L.003)

		SPACKMAN MOSSOP MICHAELS LANDSCAPE ARCHITECT PO Box 883, Darlinghurst NSW 1500 www.spackmanmossopmichaels.com.au info@spackmanmossopmichaels.com TEL: (02) 9551 4544 FAX: (02) 9551 4568													
PROJECT CROSS Bourke Street, Waterloo to Botany Road DRAWING Signs and Markings		PROJECT NUMBER: H4038 DATE DRAWN: 26/09/2016 DATE PLOTTED: 11/03/21 A1 SHEET SIZE: A1													
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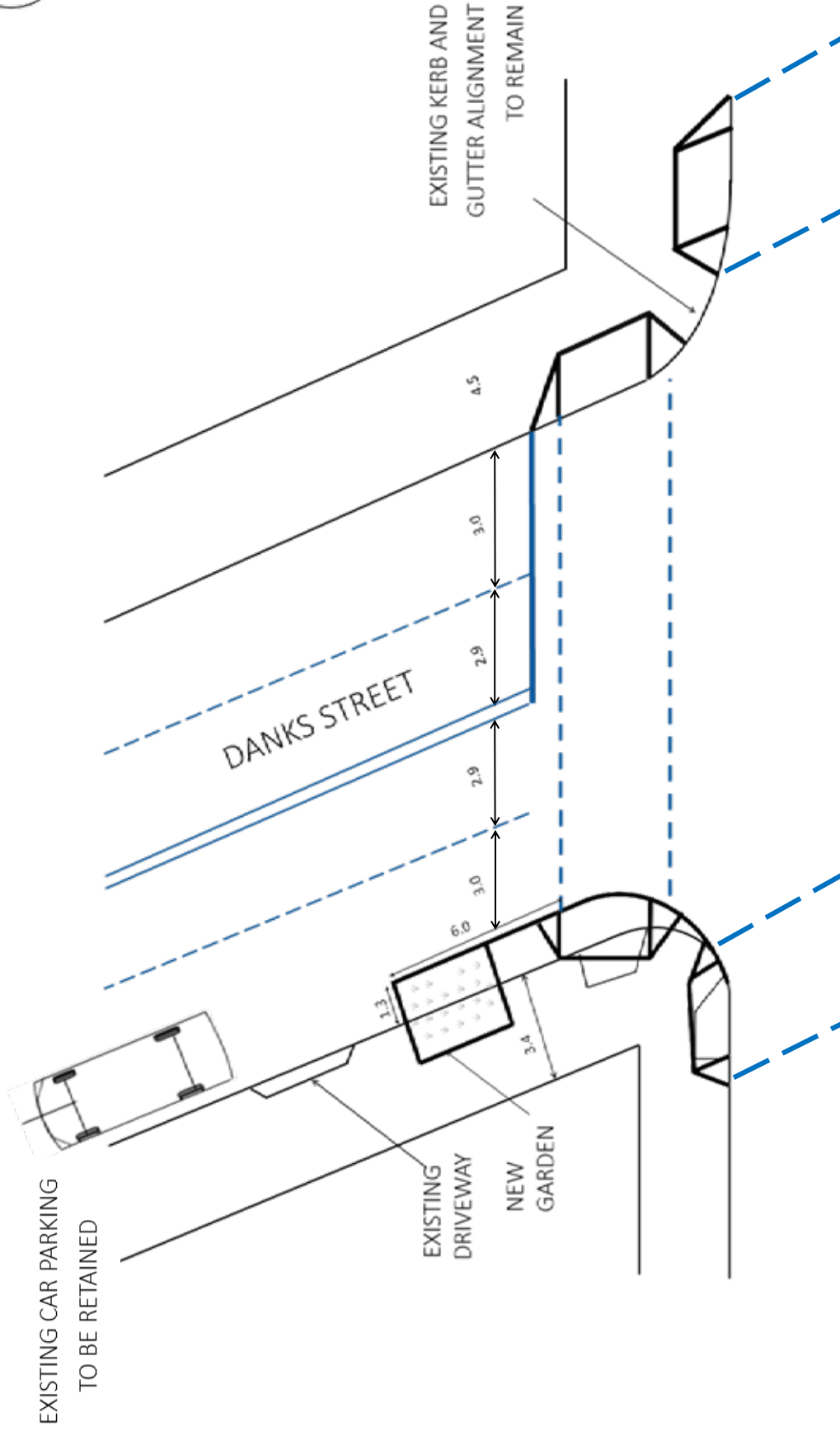
BOURKE STREET



HAWKSLEY STREET

KERB AND GUTTER EXTENSION, DANKS

STREET, WATERLOO NOT TO SCALE



KERB AND GUTTER EXTENSION, DANKS STREET, WATERLOO NOT TO SCALE