

**ITEM 53. TRAFFIC TREATMENT – SEPARATED CYCLEWAY AND SHARED
PATH – JOYNTON AVENUE AND EPSOM ROAD ZETLAND**

TRIM RECORD NO: 2017/379604

RECOMMENDATION

It is recommended that the Committee endorse the following:

(A) Installation of a Shared Path at the following locations:

- Western side of Joynton Avenue, Zetland between the points 182.1 metres and 194.8 metres north of Epsom Road, i.e. at the signal crossing;
- Eastern side of Joynton Avenue, Zetland between the points 0 metres and 190 metres north of Epsom Road;
- Northern side of Epsom Road, Zetland between the points 0 metres and 73.7 metres east of Joynton Avenue;
- Northern side of Epsom Road, Zetland between the points 332.1 metres and 382.9 metres east of Joynton Avenue;
- Southern side of Epsom Road, Rosebery between the points 371.5 metres and 385.3 metres east of Joynton Avenue;
- Southern side of Epsom Road, Rosebery between the points 396.9 metres and 660 metres east of Joynton Avenue;
- Western side of Dalmeny Avenue, Rosebery between 0 metres and 20 metres south of Epsom Road; and
- Eastern side of Dalmeny Avenue, Rosebery between the points 0 metres and 23.4 metres south of Epsom Road.

(B) Installation of a 2.4 metre wide, bi-directional separated cycleway at the following locations:

- Northern side of Epsom Road, Zetland between the points 65.1 metres and 332.1 metres east of Joynton Avenue; and
- Southern side of Epsom Road, Rosebery between 660 metres and 674.6 metres east of Joynton Avenue.

(C) Installation of a Shared Environment on the northern side of Epsom Road, Zetland at the intersection with Fuse Street;

(D) Widening of the footpath at the following locations:

- Northern side of Epsom Road, Zetland between the points 332.1 metres and 340.8 metres east of Joynton Avenue by 2.65 metres;
- Northern side of Epsom Road, Zetland between the points 340.8 metres and 397.5 metres east of Joynton Avenue by 0.8 metres;

- Southern side of Epsom Road, Rosebery between the points 349.7 metres and 385.3 metres east of Joynton Avenue by 0.7 metres;
 - Eastern side of Dalmeny Avenue, Rosebery between the points 0 metres and 23.4 metres south of Epsom Road by 2.1 metres;
 - Southern side of Epsom Road, Rosebery between the points 396.9 metres and 560 metres east of Joynton Avenue by 1.8 metres;
 - Southern side of Epsom Road, Rosebery between the points 560 metres and 630 metres east of Joynton Avenue by 4 metres.
- (E) Installation of a new, two metre wide, pedestrian refuge on Epsom Road, Zetland between the points 203.6 metres and 218.6 metres east of Joynton Avenue;
- (F) Provision of a right turn bay on Epsom Road, Zetland on the eastbound approach to Rosebery Avenue, between the points 234 metres and 262 metres east of Joynton Avenue;
- (G) Removal of the existing central median island on Epsom Road, Zetland between the points 569 metres and 579 metres east of Joynton Avenue, Zetland;
- (H) Installation of a three metre wide cycle refuge on Epsom Road, Zetland between the points 660.7 metres and 674.6 metres east of Joynton Avenue;
- (I) Installation of central chevron line marking on Epsom Road, Zetland at the following locations east of Joynton Avenue:
- Between the points 183.9 metres and 203.6 metres;
 - Between the points 218.6 metres and 243.4 metres;
 - Between the points 276.4 metres and 320 metres; and
 - Between the points 652.7 metres and 687.9 metres.
- (J) Installation of chevron line marking on the southern side of Epsom Road, Rosebery between the points 503.6 metres and 521.4 metres east of Joynton Avenue;
- (K) The reallocation of parking on the northern side of Epsom Road, Zetland, east of Joynton Avenue marked with a yellow “No Stopping” line at the following locations:
- Between the points 60.9 metres and 148.8 metres (14 car spaces);
 - Between the points 283.3 metres and 338.9 metres (11 car spaces);
 - Between the points 582.9 metres and 620 metres (six car spaces); and
 - Between the points 660.7 metres and 693.5 metres (six car spaces).
- (L) The reallocation of parking on the southern side of Epsom Road, Zetland east of Joynton Avenue, as follows:
- Between the points 147.5 metres and 199.7 metres (nine car spaces), marked with a yellow “No Stopping” line;

- Between the points 229.1 metres and 251 metres (three car spaces), marked with a yellow “No Stopping” line;
- Between the points 294.6 metres and 330.6 metres (five car spaces), marked with a yellow “No Stopping” line;
- Between the points 365.4 metres and 376.5 metres (two car spaces), marked with a yellow “No Stopping” line;
- Between the points 417.6 metres and 477.4 metres (nine car spaces), marked with a yellow “No Stopping” line;
- Between the points 507.8 metres and 533 metres (four car spaces), marked with a yellow “No Stopping” line;
- Between the points 556 metres and 590 metres (six car spaces), as unrestricted for parking;
- Between the points 590 metres and 604.3 metres (two car spaces), marked with a yellow “No Stopping” line;
- Between the points 604.3 metres and 618.4 metres (two car spaces), as “Bus Zone”; and
- Between the points 618.4 metres and 684.6 metres (eight car spaces), marked with a yellow “No Stopping” line.

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

BACKGROUND

The City’s Cycle Strategy and Action Plan 2007-2017 includes a proposal to investigate the provision of a high priority regional route from Marrickville to Randwick. The cycleway will improve safety for bike riders between new community facilities in the Green Square Town Centre, and Lenthall Street in Kensington.

COMMENTS

Separated Cycleway and Shared Path

The new cycleway connections will consist of the following:

- A mid-block signal controlled crossing with bicycle lanterns on Joynton Avenue at the former South Sydney Hospital Site;
- A Shared Path on the eastern side of Joynton Avenue from the former South Sydney Hospital Site to Epsom Road;
- A 2.4 metre wide separated cycleway on the northern side of Epsom Road between Joynton Avenue and the signal controlled intersection at Dalmeny Avenue;
- The provision of bicycle lanterns at the intersection of Epsom Road and Dalmeny Avenue;
- A Shared Path on the southern side of Epsom Road between Dalmeny Avenue and the Southern Cross Drive overpass; and
- Short sections of Shared Paths to link to existing on-road treatments in side streets.

In August 2017, Roads and Maritime Services (RMS) approved the Traffic Control Signal (TCS) Plan for the proposed mid-block signalised pedestrian crossing in Joynton Avenue and provided 'in-principle' approval for the changes to the signalised intersection of Epsom Road and Dalmeny Avenue. The TCS Plan is currently under review by RMS.

Parking

The kerb space on the northern side of Epsom Road, between Joynton Avenue and Lenthall Street is mostly unrestricted with a short section of "2P 8am-10pm", west of Fuse Street. The kerb space on the southern side of Epsom Road, between Joynton Avenue and Lenthall Street is mostly unrestricted.

The proposal includes a "No Stopping" restriction on the northern side of Epsom Road, between Joynton Avenue and Dalmeny Avenue, to accommodate the separated cycleway. A "No Stopping" restriction is also provided on the southern side of Epsom Road to facilitate the footpath widening associated with the new Shared Path.

The proposal will result in the loss of 38 on-street parking spaces to accommodate the cycleway.

Shared Environment

A shared environment is proposed at the intersection of Epsom Road and Fuse Street to safely manage the interface between pedestrians, cyclists and motorists. The shared environment would be similar to the treatments provided as part of the Bourke Street and George Street cycleways.

The shared environment is considered appropriate since Fuse Street is a one-way, 10km/h Shared Zone, used for local access only with low speeds and vehicle numbers.

A design has been developed in consultation with RMS and Transport for NSW, and with input from other stakeholders in the precinct, such as cycling groups. RMS has provided 'in-principle' approval for the proposal.

Footpath Widening

The proposal includes widening the footpath on the northern side of Epsom Road, just west of Dalmeny Avenue and on the southern side of Epsom Road east of Dalmeny Avenue. The wider footpath facilitates the new Shared Path and narrows the road to slow down traffic.

Pedestrian Refuge

The proposal includes the renewal of an existing pedestrian refuge east of Spring Street. The width of the refuge will be increased to provide a safer area for pedestrians to wait for an appropriate time to cross the road.

The refuge complies with RMS Technical Direction for Pedestrian Refuges (TDT 2011/01a).

Cycle Refuge

The proposal includes a new cycle refuge near the Southern Cross Drive overpass. The refuge provides an opportunity for eastbound cyclists to cross from the Shared Path on the southern side of Epsom Road, and merge into the mixed traffic lane. The cycle refuge provides a safe place for cyclists to wait for an appropriate time to merge into general traffic. RMS provided 'in-principal' support for the proposal.

The refuge complies with RMS Technical Direction for Pedestrian Refuges (TDT 2011/01a).

Raised Threshold

The proposal includes the renewal of an existing raised threshold east of the Epsom Road and Link Road roundabout. The threshold will be amended by removing the existing concrete central raised median to allow for realignment of traffic lanes. To prevent pedestrians crossing at the raised threshold, landscaping will be provided either side of the median to match the revised kerb alignment. The raised threshold reduces traffic speeds on Epsom Road and improves general safety on the road.

Epsom Road and Rosebery Avenue Intersection

The proposal includes the provision of a right turn bay on Epsom Road for eastbound traffic turning into Rosebery Avenue. The turn bay provides a safe place for vehicles to queue without blocking through traffic on Epsom Road. The turn bay includes chevron linemarking either side of the intersection to facilitate the turn bay and proposed cycleway.

Bus Stop Relocation

The proposal includes widening the footpath by four metres on the southern side of Epsom Road, east of Link Road to accommodate the Shared Path. An existing Bus Zone at this location is proposed to be relocated 15 metres east to a new location where the parking lane is 3.5 metres and can accommodate a bus stop without impeding traffic.

The proposal has been approved 'in-principle' by the State Transit Authority (STA).

CONSULTATION

The City consulted local residents and businesses in the area. There were 1500 letters sent out with six submissions supporting the proposal and 10 submissions opposing the proposal.

Submissions supporting the proposal noted that the cycleway would improve cycle access and safety.

Submissions opposing the proposal noted that the cycleway may reduce traffic capacity, the new Shared Path may result in cyclists speeding on the footpath and that cyclists can travel within the existing mixed traffic lanes on Epsom Road.

However, the cycleway is proposed to encourage people to cycle instead of drive by creating safe cycle connections. As such, the provision of a separated cycleway and Shared Paths will encourage cyclists who would not normally be comfortable cycling in the mixed traffic lanes on Epsom Road.

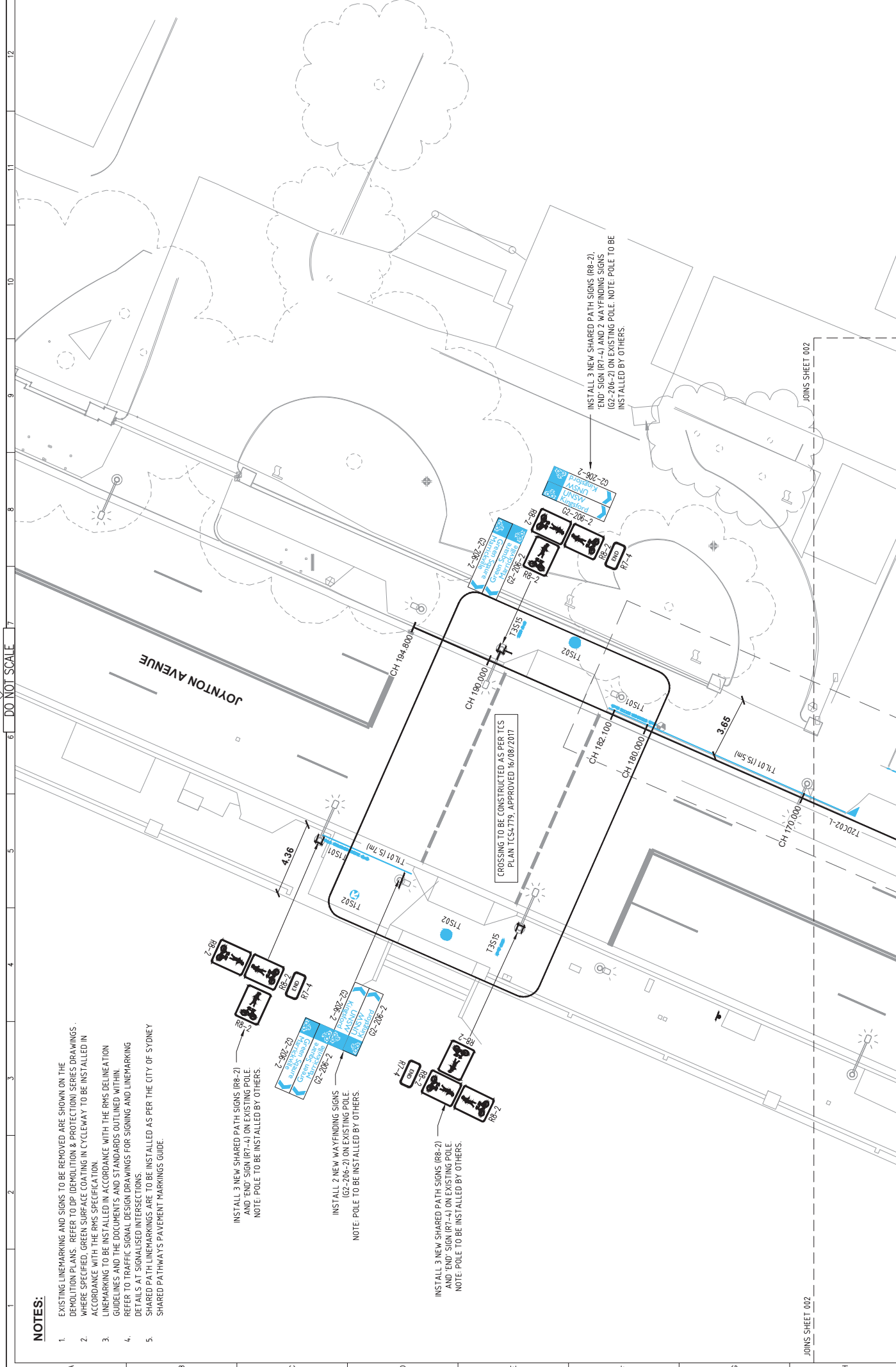
In response to concerns raised about cyclists speeding on the Shared Path, the proposal was amended to provide additional pavement markings to clarify that cyclists are required to give-way to pedestrians. As a separated cycle link cannot currently be accommodated on-street in some sections of Epsom Road, the Shared Path provides a continuous cycle connection which improves safety and accessibility for active transport modes. As such, the City proposes to proceed with the proposal.

FINANCIAL

Funds are available in the current budget as part of the City's Cycleway Budget.

Traffic Treatment – Separated Cycleway and Shared Path – Joynton Avenue and Epsom Road Zetland

Tim George, Project Manager Streetscapes



NOTES:

- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS WHERE SPECIFIED. GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
- LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN. REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
- SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

INSTALL 3 NEW SHARED PATH SIGNS (R8-2) AND 'END' SIGN (R7-4) ON EXISTING POLE.
NOTE: POLE TO BE INSTALLED BY OTHERS.

INSTALL 2 NEW WAYFINDING SIGNS (G2-206-2) ON EXISTING POLE.
NOTE: POLE TO BE INSTALLED BY OTHERS.

INSTALL 3 NEW SHARED PATH SIGNS (R8-2) AND 'END' SIGN (R7-4) ON EXISTING POLE.
NOTE: POLE TO BE INSTALLED BY OTHERS.

INSTALL 3 NEW SHARED PATH SIGNS (R8-2), 'END' SIGN (R7-4) AND 2 WAYFINDING SIGNS (G2-206-2) ON EXISTING POLE. NOTE: POLE TO BE INSTALLED BY OTHERS.

CROSSING TO BE CONSTRUCTED AS PER TCS PLAN TCS4779, APPROVED 16/08/2017

CITY OF SYDNEY
GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNS AND LINES PLAN
SHEET 1 OF 15
Dwg: 2465-SL-001

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Drawn	Checked	Approved
RC	CH	MP
Design	Design	Design
Check	Check	Check

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1	01/11/17	MP	ISSUED FOR TENDER
2	31/07/17	CH	ISSUED FOR TENDER
3	10/06/17	MP	ISSUED FOR TENDER
4	21/04/17	CH	ISSUED FOR TENDER
5	08/02/17	MP	ISSUED FOR TENDER

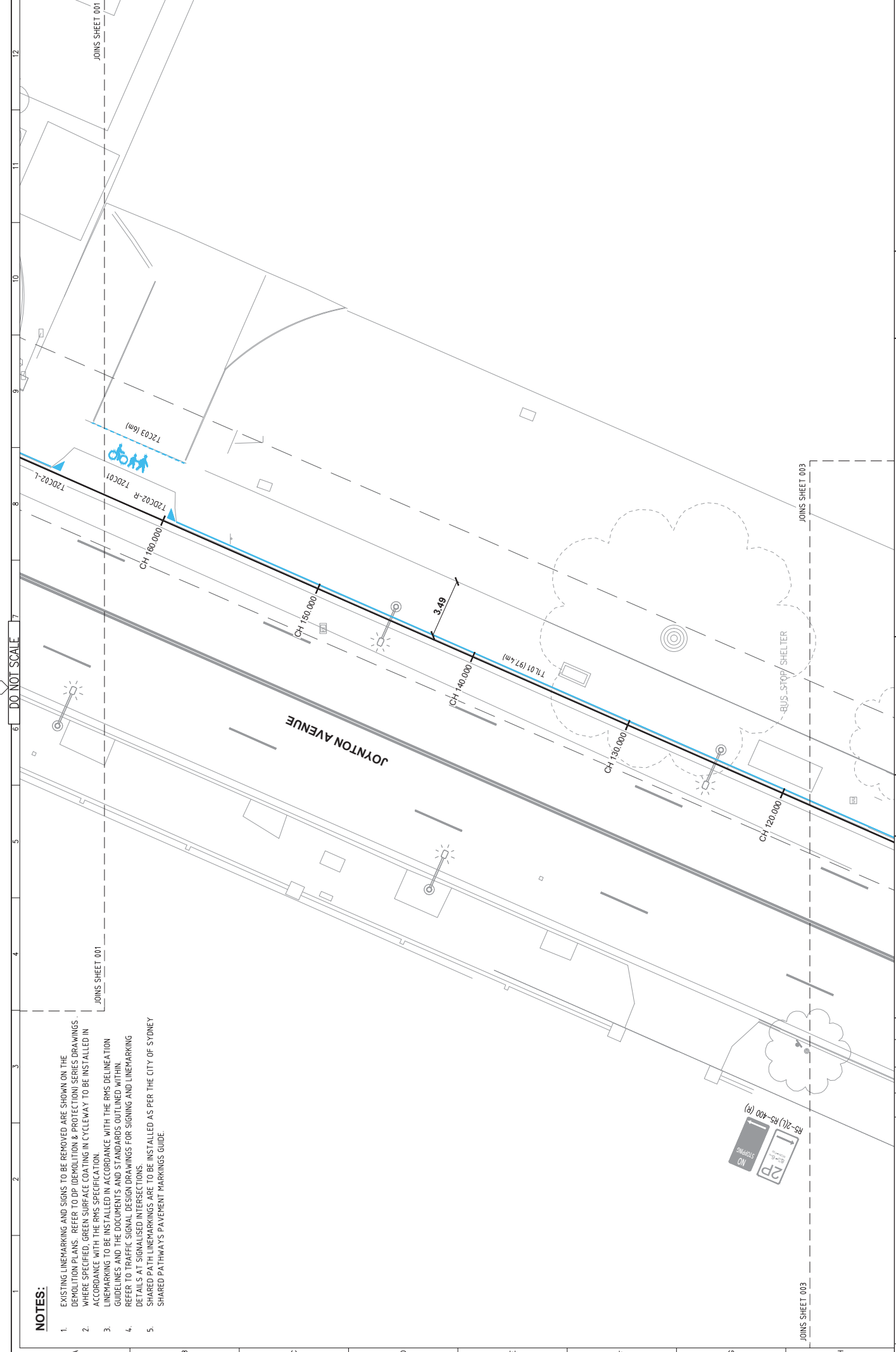
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Revision - Refer to CAD do not amend by hand

NOTES:

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GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNS AND LINES PLAN
SHEET 2 OF 15

2465-SL-002

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C	SOME DESIGN DOCUMENTATION	CH	MP	10/06/17	-
B	DESIGN DEVELOPMENT	CH	MP	21/04/17	-
A	DESIGN DEVELOPMENT	CH	MP	08/02/17	-

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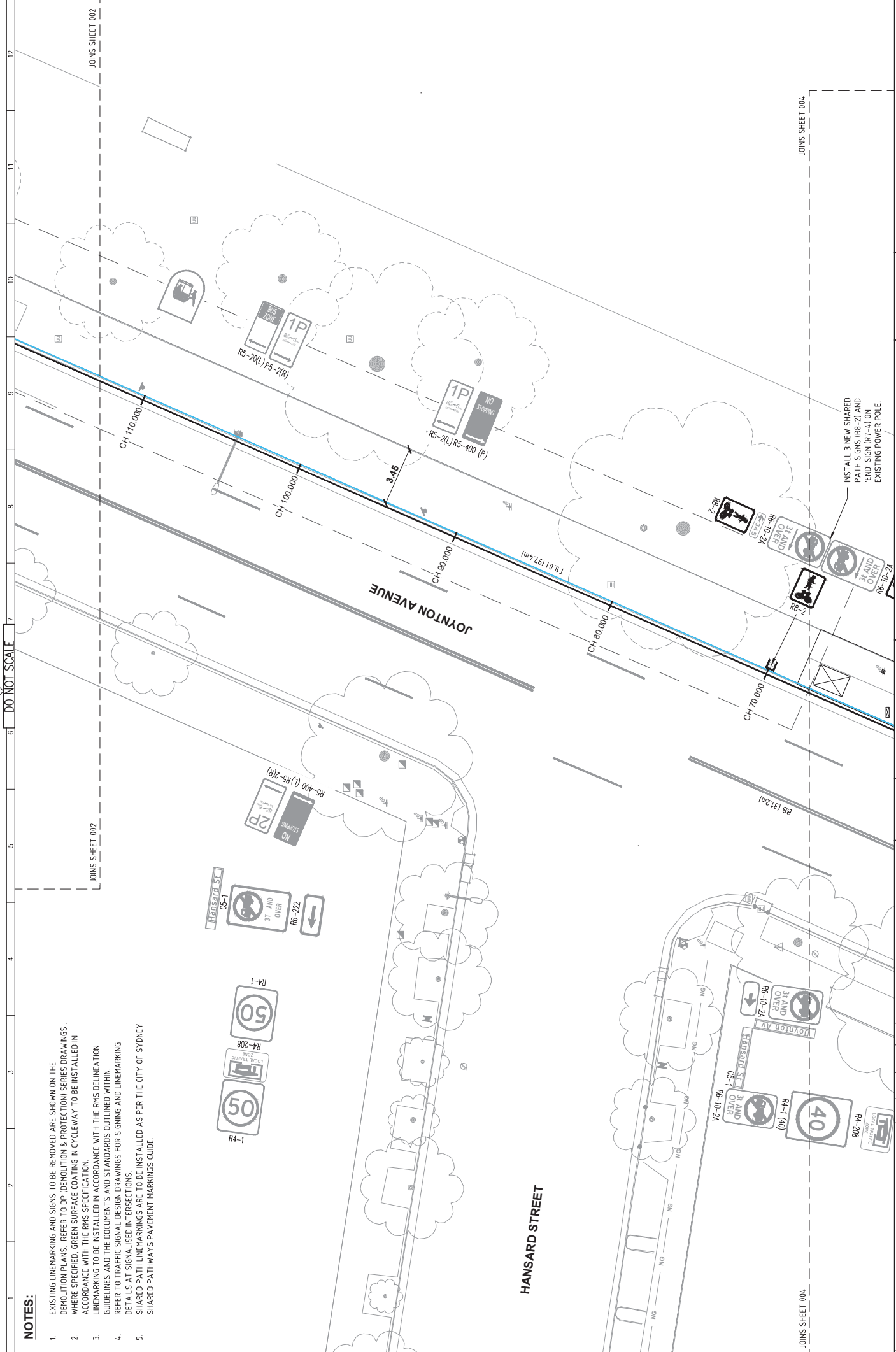
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GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNS AND LINES PLAN
SHEET 3 OF 15
Dwg: 2465-SL-003

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1	01/11/17	CH	NP	-
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Revision - Refer to CDD do not amend by hand

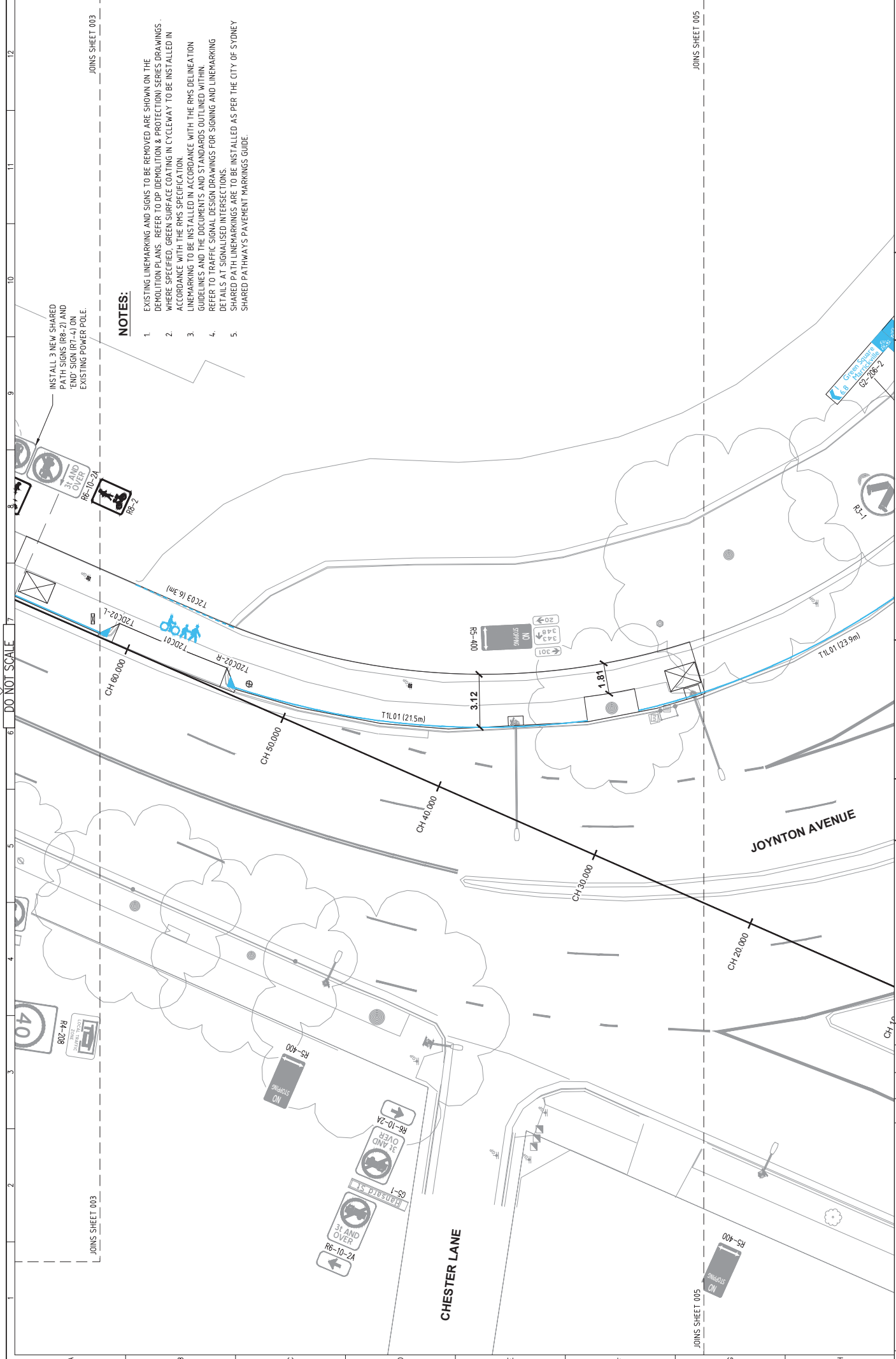
- NOTES:**
- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS.
 - WHERE SPECIFIED, GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
 - LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
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 - SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

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JOINS SHEET 002

JOINS SHEET 004

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NOTES:

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2. LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
3. SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

INSTALL 3 NEW SHARED PATH SIGNS (R8-2) AND 'END' SIGN (R7-4) ON EXISTING POWER POLE.

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JOINS SHEET 003

JOINS SHEET 005

Client: City of Sydney	Scale: 1:100 @ A1
Project: Green Square to Randwick Cycleway	Drawn: RC
Design: RC	Checked: NP
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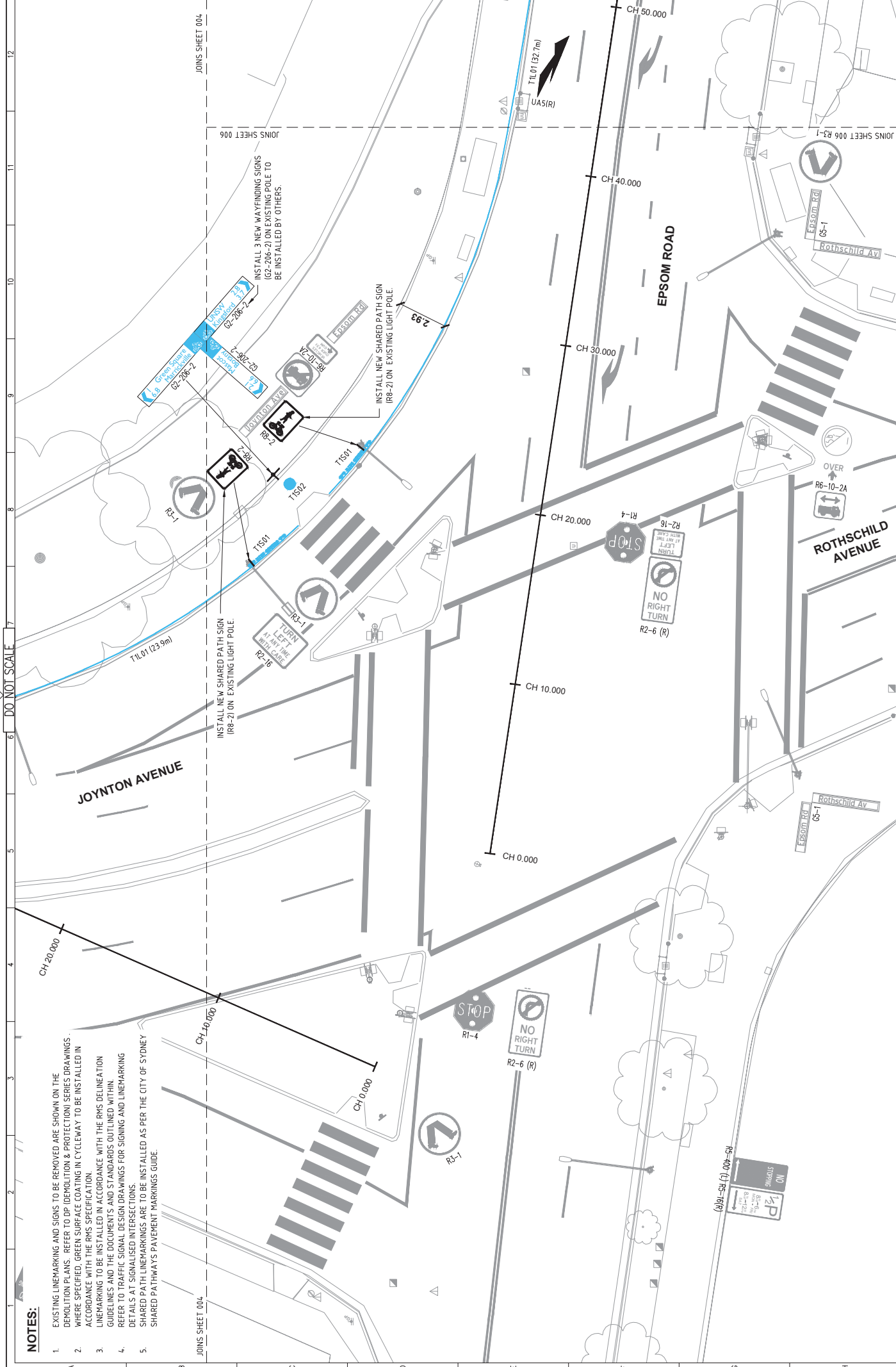
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2	BASE DESIGN DOCUMENTATION	GH	NP	31/07/17	-
3	SITE DESIGN DOCUMENTATION	GH	NP	10/06/17	-
4	DESIGN DEVELOPMENT	GH	NP	21/04/17	-
5	DESIGN DEVELOPMENT	GH	NP	09/02/17	-

Revisions - Refer to CDD do not amend by hand



- NOTES:**
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INSTALL 3 NEW WAYFINDING SIGNS (G2-206-2) ON EXISTING POLE TO BE INSTALLED BY OTHERS.

INSTALL NEW SHARED PATH SIGN (R8-2) ON EXISTING LIGHT POLE.

INSTALL NEW SHARED PATH SIGN (R8-2) ON EXISTING LIGHT POLE.

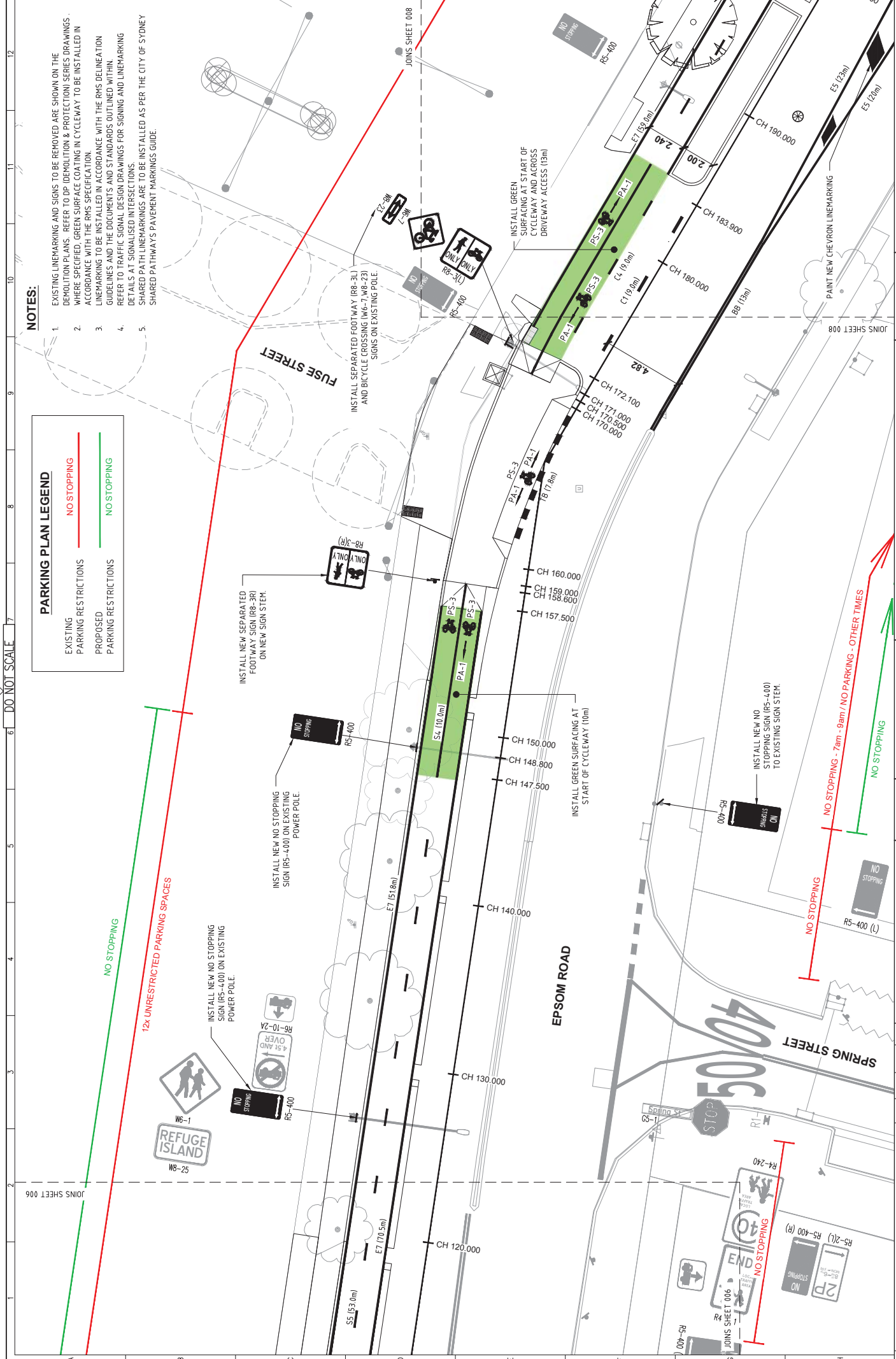
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B		DESIGN DEVELOPMENT	CH	MP	21/04/17	-
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CITY OF SYDNEY	GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNS AND LINES PLAN	SHEET 5 OF 15
Dwg: 2.465-SL-005	Rev: A1



PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS	NO STOPPING
PROPOSED PARKING RESTRICTIONS	NO STOPPING

NOTES:

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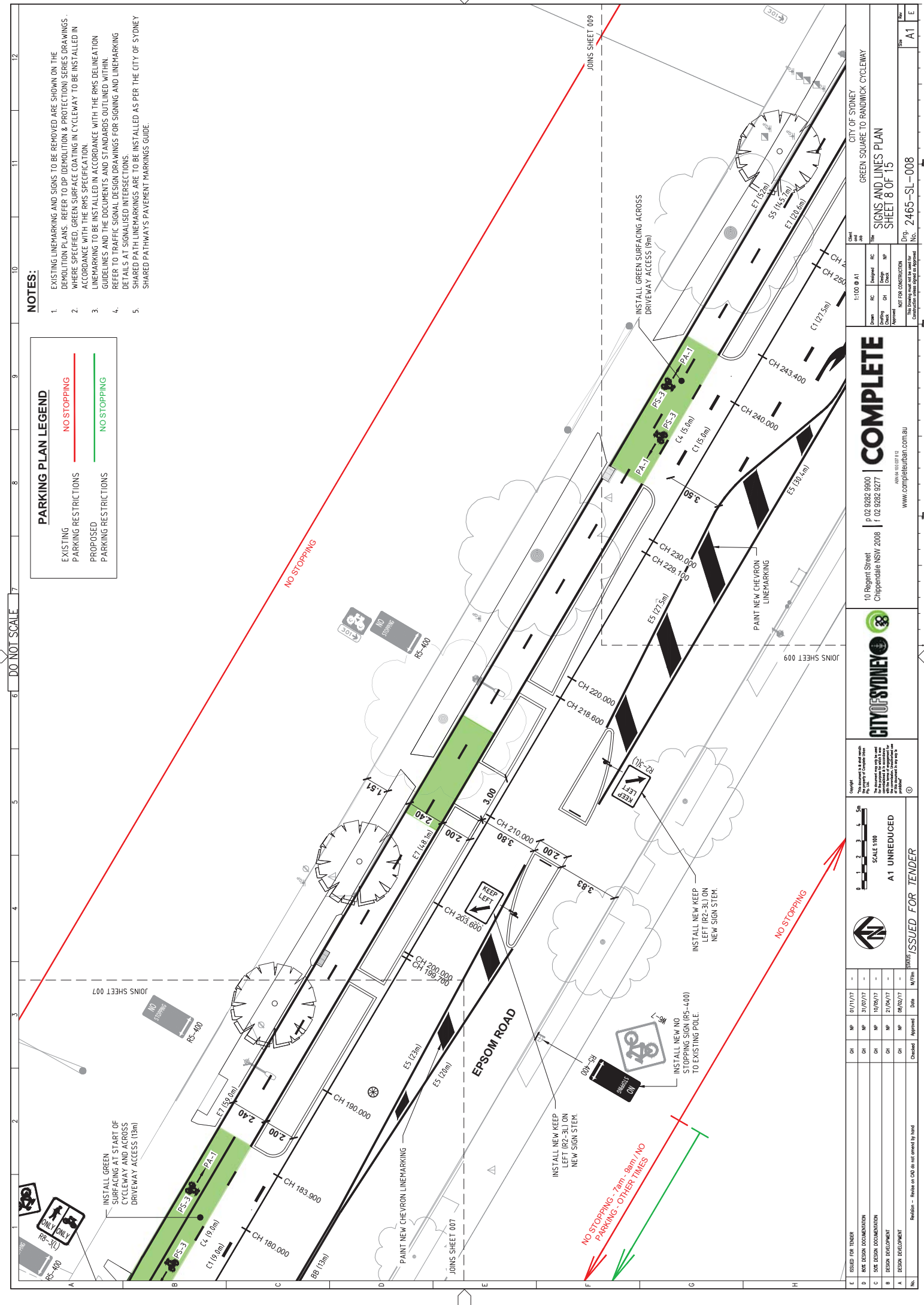
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PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS		NO STOPPING
PROPOSED PARKING RESTRICTIONS		NO STOPPING

DO NOT SCALE

12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H

CITY OF SYDNEY
GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNS AND LINES PLAN
SHEET 8 OF 15

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Drawn: RC, Checked: RC
Design: MP, Design Check: MP
Approved: [Signature]

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CITY OF SYDNEY

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SCALE 1:100

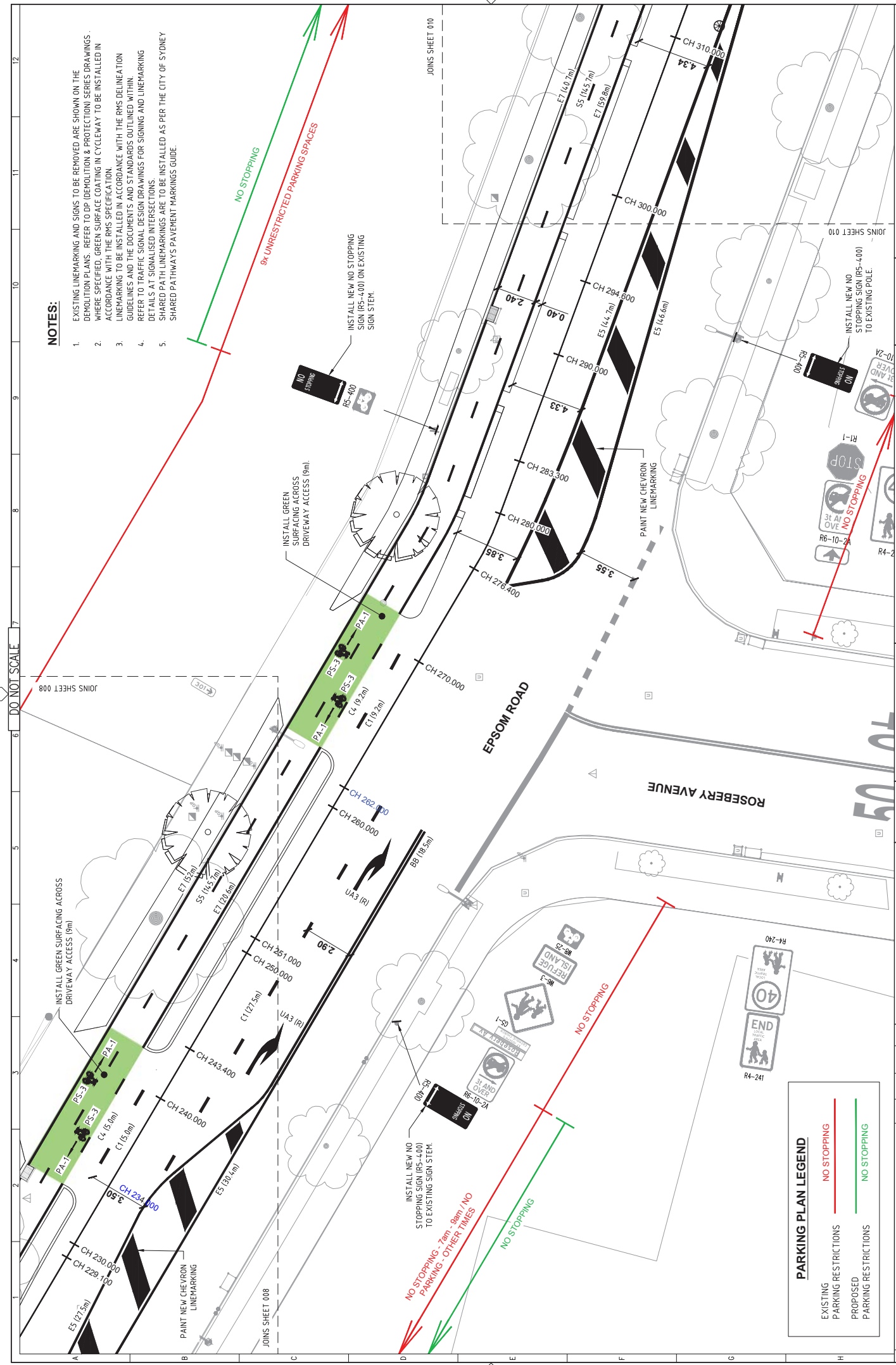
A1 UNREduced

ISSUED FOR TENDER

Checked	Approved	Date	W/Rev
GH	MP	01/11/17	-
GH	MP	31/07/17	-
GH	MP	10/06/17	-
GH	MP	21/04/17	-
GH	MP	08/02/17	-

No.	Description	Revision	Issued
E	ISSUED FOR TENDER		
D	RMS DESIGN DOCUMENTATION		
C	SAR DESIGN DOCUMENTATION		
B	DESIGN DEVELOPMENT		
A	DESIGN DEVELOPMENT		

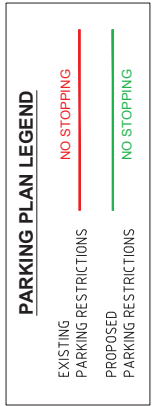
Revision - Refer to CAD do not amend by hand



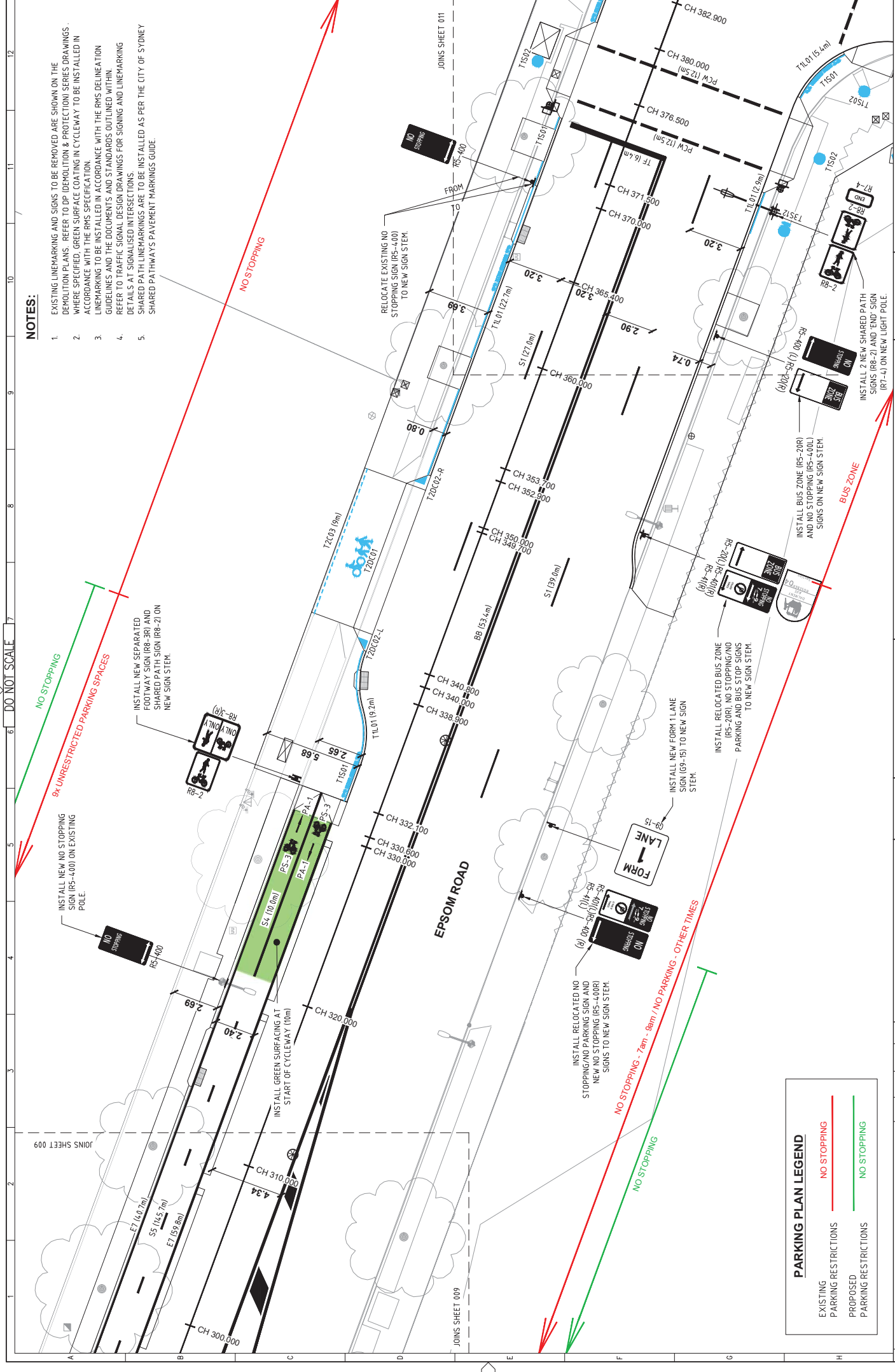
NOTES:

- EXISTING LINE MARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS WHERE SPECIFIED. GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
- LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
- REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINE MARKING DETAILS AT SIGNALIZED INTERSECTIONS.
- SHARED PATH LINE MARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY PAVED PATHWAYS PAVEMENT MARKINGS GUIDE.

CITY OF SYDNEY GREEN SQUARE TO RANDWICK CYCLEWAY SIGNING AND LINES PLAN SHEET 9 OF 15		Drawn Checked Approved	1:100 @ A1	Scale 1:100 SCALE 1:100	DATE 01/11/17	ISSUED FOR TENDER
COMPLETE		Design RC	Design RC	Scale 1:100	DATE 31/07/17	ISSUED FOR TENDER
10 Regent Street Chippendale NSW 2008 P 02 9228 9900 www.completestra.com.au		Drawn GH	Design GH	Scale 1:100	DATE 19/06/17	
10 Regent Street Chippendale NSW 2008 P 02 9228 9900 www.completestra.com.au		Drawn GH	Design GH	Scale 1:100	DATE 21/09/17	ISSUED FOR TENDER
10 Regent Street Chippendale NSW 2008 P 02 9228 9900 www.completestra.com.au		Drawn GH	Design GH	Scale 1:100	DATE 08/02/17	
No.	Revised - Refer on CAD do not amend by hand	Checked	Approved	W/Rev	Date	



ISSUED FOR TENDER	GH	NP	01/11/17	
RMS DESIGN DOCUMENTATION	GH	NP	31/07/17	
SAFE DESIGN DOCUMENTATION	GH	NP	19/06/17	
DESIGN DEVELOPMENT	GH	NP	21/09/17	
	GH	NP	08/02/17	



NOTES:

1. EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS.
2. WHERE SPECIFIED, GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
3. LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
4. REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
5. SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS — NO STOPPING (Red line)

PROPOSED PARKING RESTRICTIONS — NO STOPPING (Green line)

No.	Revised	By	Date	Approved	Author
E	ISSUED FOR TENDER	GH	01/11/17	-	MP
D	RMS DESIGN DOCUMENTATION	GH	31/07/17	-	MP
C	SAR DESIGN DOCUMENTATION	GH	10/06/17	-	MP
B	DESIGN DEVELOPMENT	GH	21/04/17	-	MP
A	DESIGN DEVELOPMENT	GH	08/02/17	-	MP

Revised - Refer to CDO do not amend by hand

ISSUED FOR TENDER

A1 UNREduced

SCALE 1:100

CITY OF SYDNEY

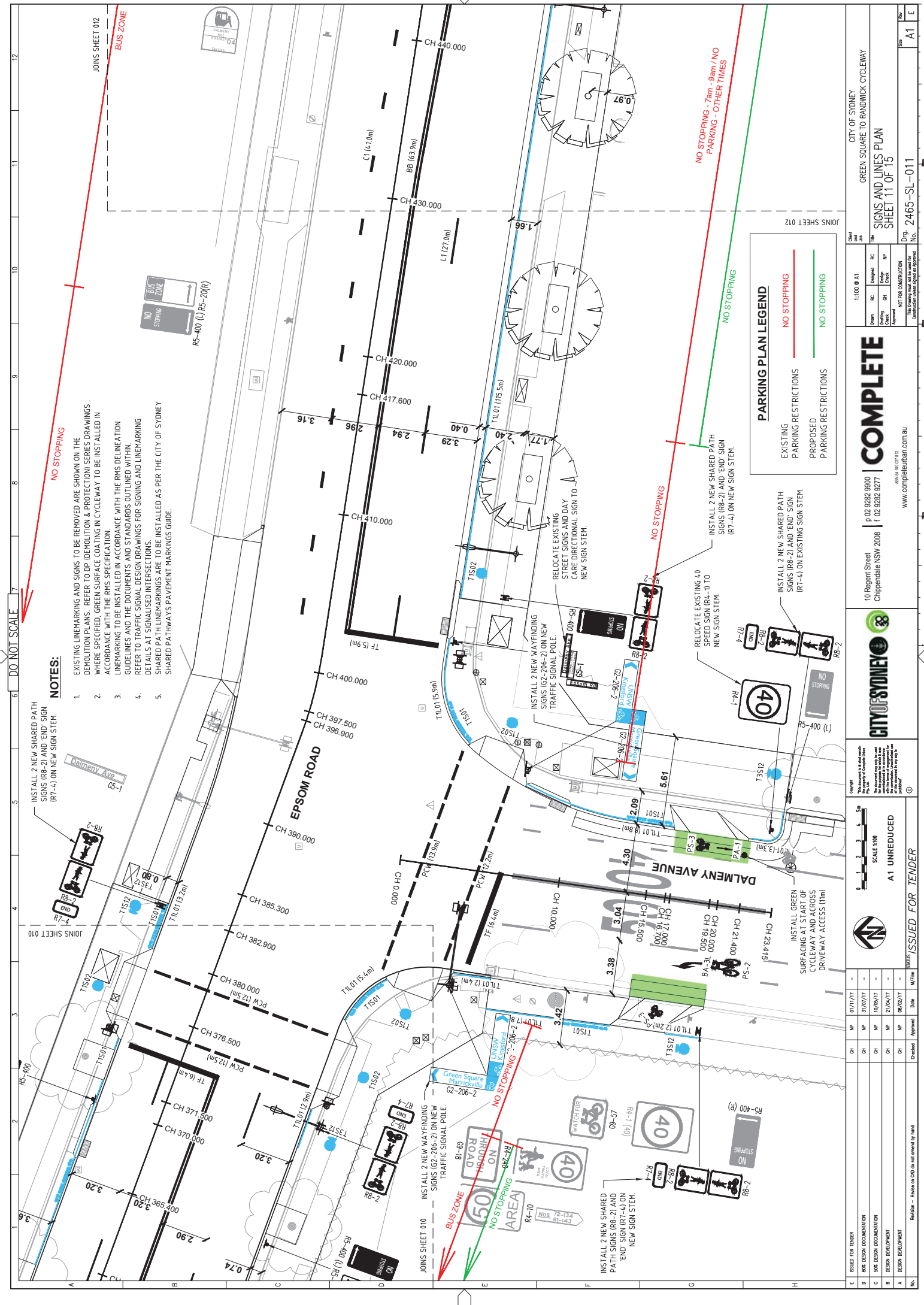
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City of Sydney
GREEN SQUARE TO RANDWICK CYCLEWAY
SIGNING AND LINES PLAN
SHEET 10 OF 15
Dwg: 2465-SL-010

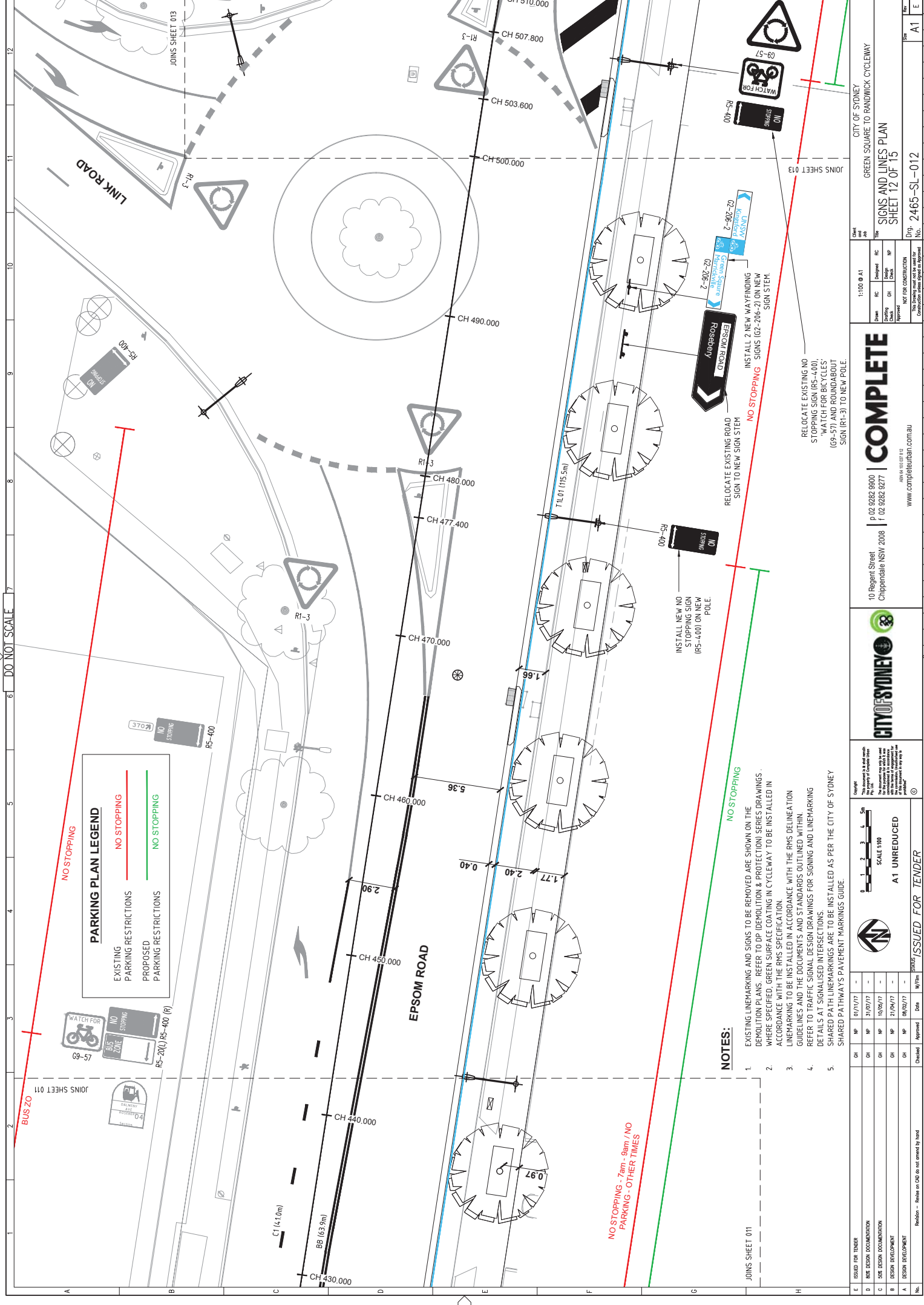


- NOTES:**
1. EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS. WHERE SPECIFIED, GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
 2. LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN. REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNALING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
 3. SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.
 4. INSTALL 2 NEW SHARED PATH SIGNS (R8-2) AND 'END' SIGN (R7-4) ON NEW SIGN STEM.
 5. RELOCATE EXISTING 40 SPEED SIGN (R4-1) TO NEW SIGN STEM.
 6. RELOCATE EXISTING 40 SPEED SIGN (R4-1) TO NEW SIGN STEM.
 7. RELOCATE EXISTING 40 SPEED SIGN (R4-1) TO NEW SIGN STEM.
 8. RELOCATE EXISTING 40 SPEED SIGN (R4-1) TO NEW SIGN STEM.

PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS	—	NO STOPPING
PROPOSED PARKING RESTRICTIONS	—	NO STOPPING

ISSUED FOR TENDER DATE DOCUMENTATION DATE DOCUMENTATION DATE DOCUMENTATION DATE DOCUMENTATION DATE DOCUMENTATION	01/11/17	HP		
	31/07/17	HP		
	10/06/17	HP		
	21/04/17	HP		
	08/02/17	HP		
Checked: _____ Approved: _____ Date: _____				
ISSUED FOR TENDER				
Revision - Refer to CDD do not amend by hand				
SCALE 1:100				
CITY OF SYDNEY				
10 Regent Street p 02 9226 9900 f 02 9226 9277 www.completelife.com.au				
COMPLETE				
CITY OF SYDNEY GREEN SQUARE TO RANDWICK CYCLEWAY SIGNS AND LINES PLAN SHEET 11 OF 15				
				Dwg No: 2465-SL-011 Scale: A1



EXISTING PARKING RESTRICTIONS	NO STOPPING
PROPOSED PARKING RESTRICTIONS	NO STOPPING
PARKING RESTRICTIONS	NO STOPPING

NOTES:

- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS WHERE SPECIFIED. GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
- LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
- REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
- SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

RELOCATE EXISTING NO STOPPING SIGN (RS-400), "WATCH FOR BICYCLES" (G9-57) AND ROUNDABOUT SIGN (RI-3) TO NEW POLE.

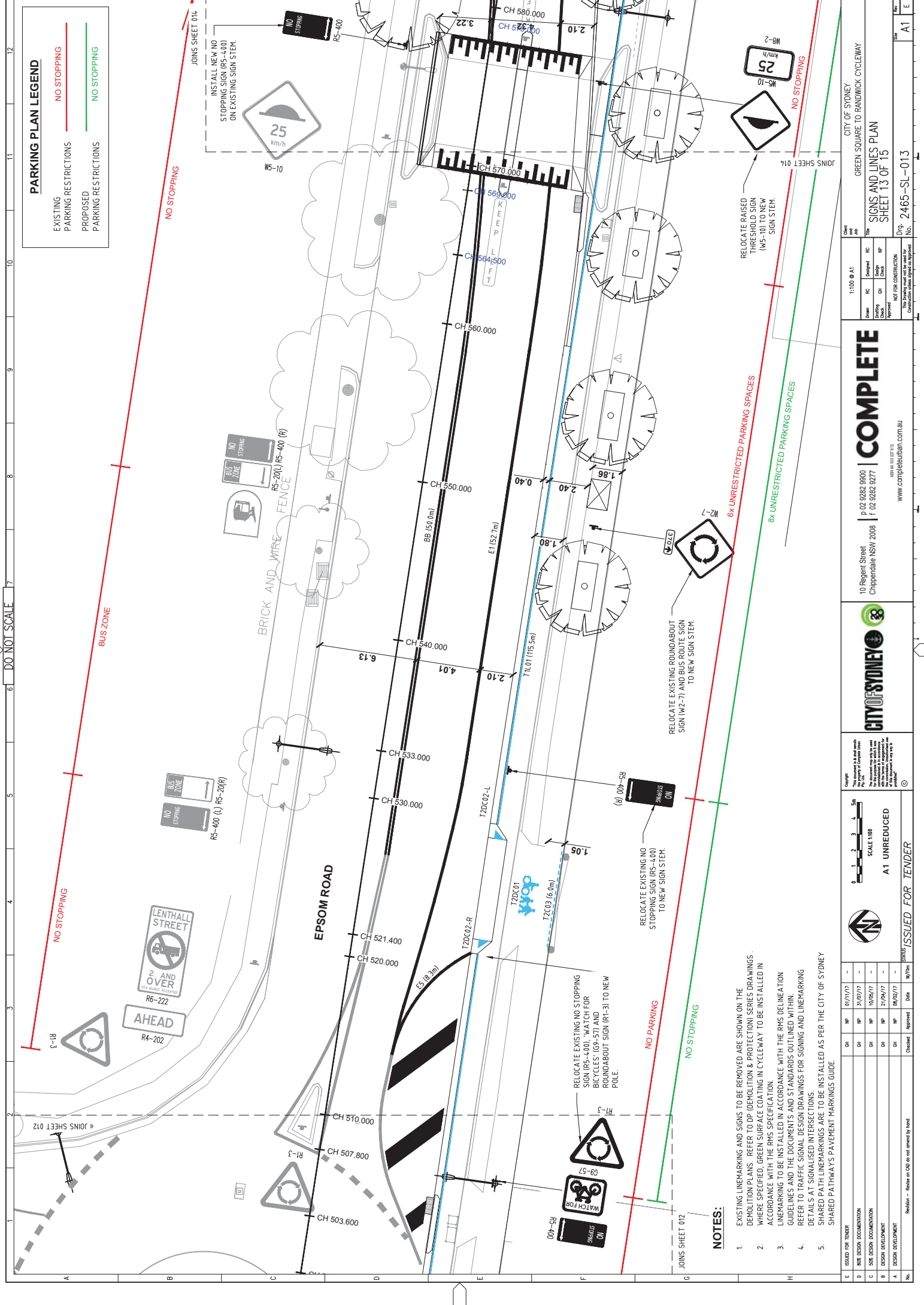
RELOCATE EXISTING ROAD SIGN TO NEW SIGN STEEP

INSTALL NEW NO STOPPING SIGN (RS-400) ON NEW POLE.

INSTALL 2 NEW WAYFINDING "NO STOPPING" SIGNS (G2-706-2) ON NEW SIGN STEEP.

		CITY OF SYDNEY GREEN SQUARE TO RANDWICK CYCLEWAY SIGNS AND LINES PLAN SHEET 12 OF 15	
10 Regent Street Chippendale NSW 2008 P 02 9282 9800 F 02 9282 9277 www.completestreet.com.au		COMPLETE NOT FOR CONSTRUCTION	
Scale 1:100 @ A1		Drawn: RC Checked: RC Design: RC Approved: RC	
Date: 09/11/17		Date: 09/02/17	
Checked:		Approved:	
Issued For Tender		Issued For Tender	
Revision - Refer to CDO do not amend by hand		No. A1	

DO NOT SCALE

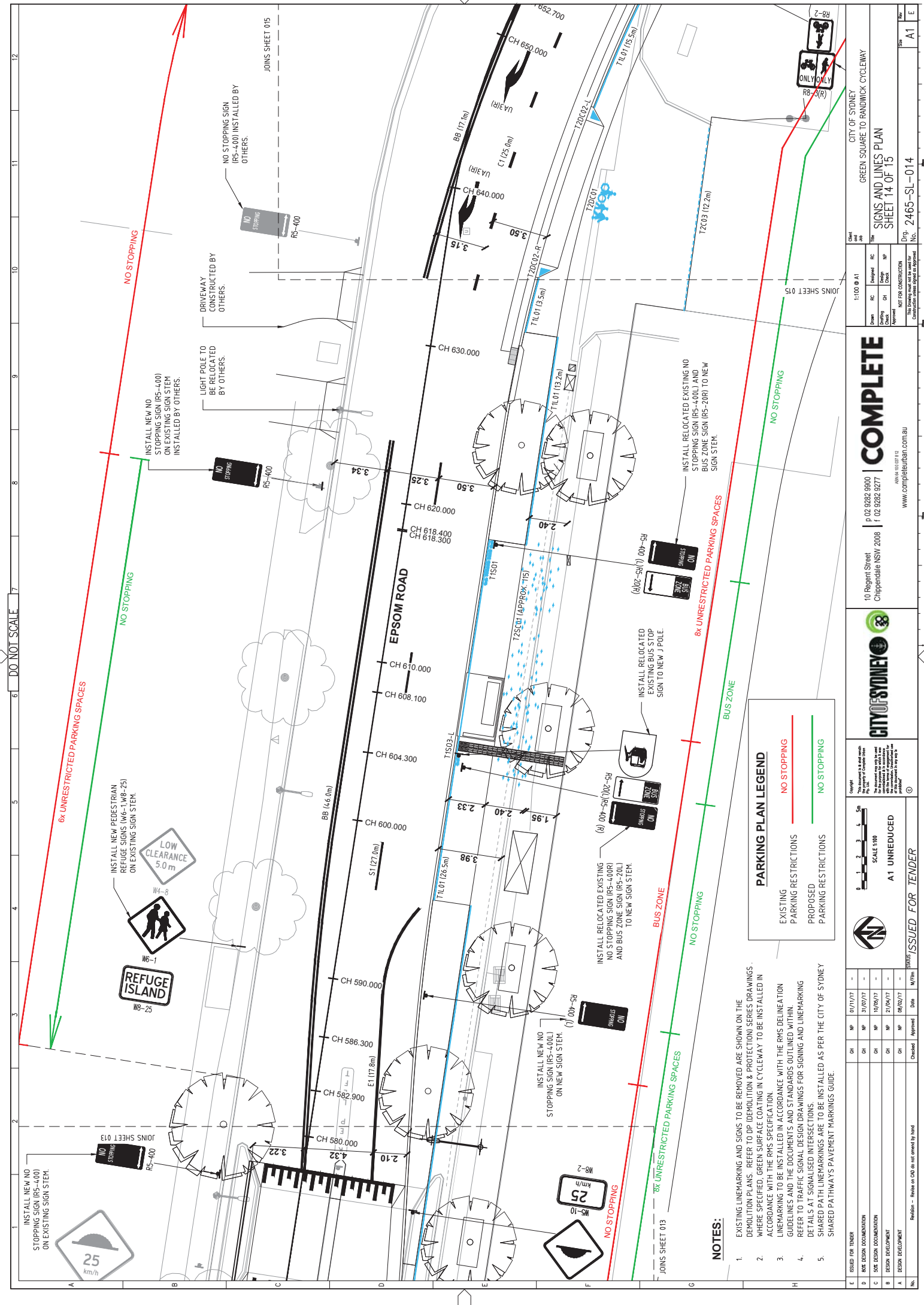


PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS	NO STOPPING
PROPOSED PARKING RESTRICTIONS	NO STOPPING

- NOTES:**
- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS.
 - WHERE SPECIFIED, GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
 - LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN. REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
 - SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

		COMPLETE 10 Regent Street p 02 9282 9900 f 02 9282 9271 Chippendale NSW 2008 www.completetender.com.au		City of Sydney GREEN SQUARE TO RANDWICK CYCLEWAY SIGNS AND LINES PLAN SHEET 13 OF 15 Dwg: 2465-SL-013	
Issued For Tender Date: 01/11/17	Checked: [] Approved: [] Date: 01/11/17	Scale: 1:100 @ A1 1 2 3 4 5m SCALE 1:100 A1 UNREduced ISSUED FOR TENDER	Copyright The Corporation of the City of Sydney All Rights Reserved No part of this drawing may be used for construction purposes without the written consent of the City of Sydney.	1:100 @ A1 Drawn: [] Design: [] Check: [] Approved: [] Not For Construction	A1 E



DO NOT SCALE

NOTES:

- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP DEMOLITION & PROTECTION SERIES DRAWINGS.
- WHERE SPECIFIED, GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION
- LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
- REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
- SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS — NO STOPPING

PROPOSED PARKING RESTRICTIONS — NO STOPPING

Client	CITY OF SYDNEY
Project	GREEN SQUARE TO RANDWICK CYCLEWAY
Drawn	RC
Checked	RC
Design	RC
Approved	RC
Scale	1:100 @ A1

COMPLETE

10 Regent Street | p 02 9282 9900
 Chippendale NSW 2008 | f 02 9282 9277

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CITY OF SYDNEY

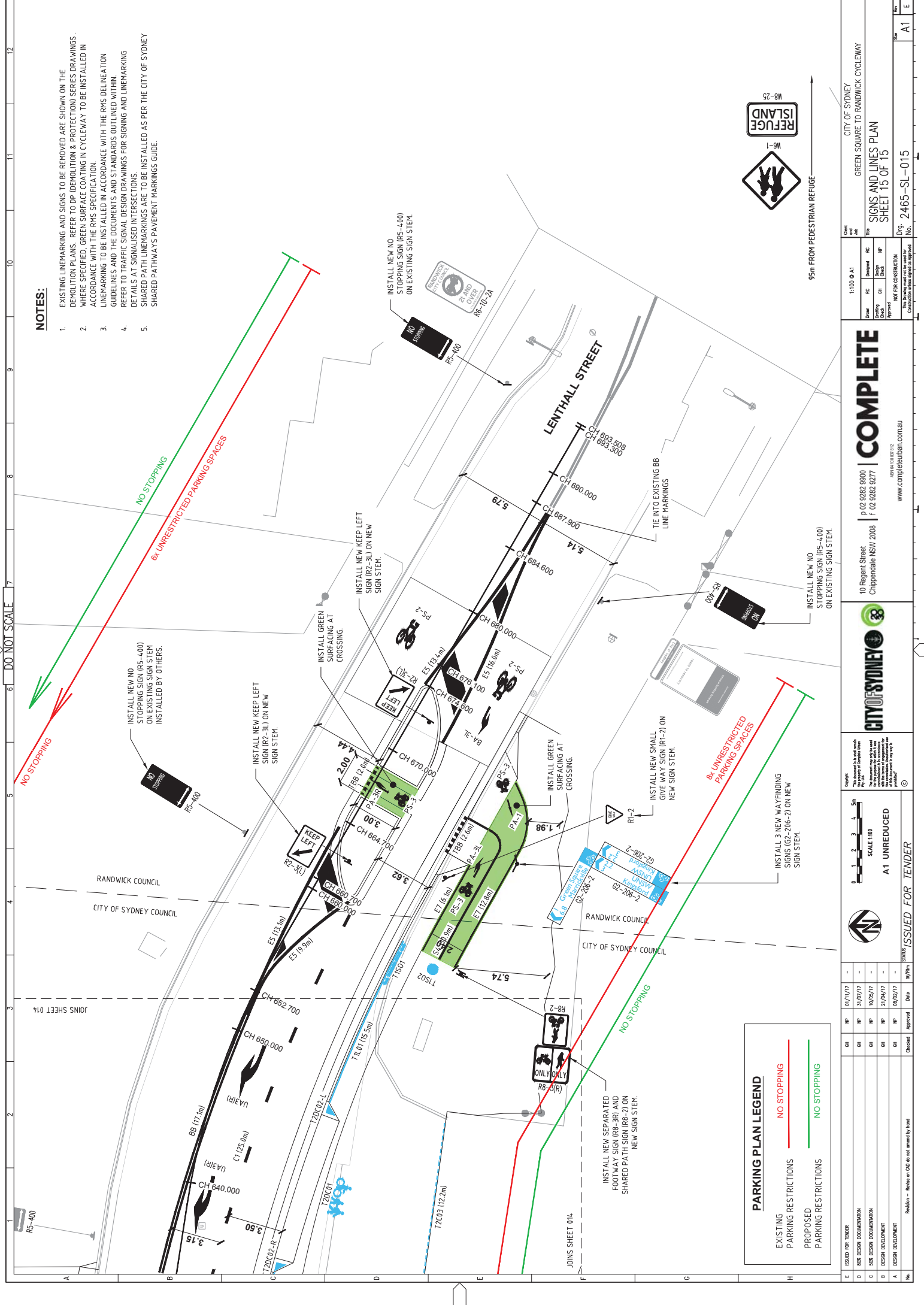
ISSUED FOR TENDER

Rev	Description	Checked	Approved	Date	W/Dim
1	ISSUED FOR TENDER	GH	MP	01/11/17	-
2	REV DESIGN DOCUMENTATION	GH	MP	31/07/17	-
3	SUB DESIGN DOCUMENTATION	GH	MP	10/06/17	-
4	DESIGN DEVELOPMENT	GH	MP	21/04/17	-
5	DESIGN DEVELOPMENT	GH	MP	08/02/17	-

Revision - Refer to CAD do not amend by hand

Scale 1:100
 A1 UNRESTRICTED

ISSUED FOR TENDER



NOTES:

- EXISTING LINEMARKING AND SIGNS TO BE REMOVED ARE SHOWN ON THE DEMOLITION PLANS. REFER TO DP (DEMOLITION & PROTECTION) SERIES DRAWINGS, WHERE SPECIFIED. GREEN SURFACE COATING IN CYCLEWAY TO BE INSTALLED IN ACCORDANCE WITH THE RMS SPECIFICATION.
- LINEMARKING TO BE INSTALLED IN ACCORDANCE WITH THE RMS DELINEATION GUIDELINES AND THE DOCUMENTS AND STANDARDS OUTLINED WITHIN.
- REFER TO TRAFFIC SIGNAL DESIGN DRAWINGS FOR SIGNING AND LINEMARKING DETAILS AT SIGNALISED INTERSECTIONS.
- SHARED PATH LINEMARKINGS ARE TO BE INSTALLED AS PER THE CITY OF SYDNEY SHARED PATHWAYS PAVEMENT MARKINGS GUIDE.

PARKING PLAN LEGEND

EXISTING PARKING RESTRICTIONS	NO STOPPING
PROPOSED PARKING RESTRICTIONS	NO STOPPING

		COMPLETE	
10 Regent Street Chippendale NSW 2008 p 02 9282 9900 f 02 9282 9277 www.completeam.com.au		1:100 @ A1 Drawn: RC, Checked: RC, Design: RC, Date: 10/06/17 Not for construction	
City of Sydney City of Sydney Council		City of Sydney City of Sydney Council	
SCALE 1:100 A1 UNREduced		ISSUED FOR TENDER	
No. 1 Date: 01/11/17 Checked: NP Approved: NP	No. 2 Date: 31/07/17 Checked: GH Approved: GH	No. 3 Date: 10/06/17 Checked: GH Approved: GH	No. 4 Date: 21/04/17 Checked: GH Approved: GH
Revision - Refer to CDD do not amend by hand			
City of Sydney GREEN SQUARE TO RANDWICK CYCLEWAY SIGNS AND LINES PLAN SHEET 15 OF 15		Dwg: 2465-SL-015 No. A1	



95m FROM PEDESTRIAN REFUGE



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SCALE 1:100
 A1 UNREduced



ISSUED FOR TENDER

Issued For Tender	Checked	Approved	Date	W/Rev
No. 1	NP	NP	01/11/17	-
No. 2	GH	GH	31/07/17	-
No. 3	GH	GH	10/06/17	-
No. 4	GH	GH	21/04/17	-

