

Alexis Cella

From: Ross Nettle <ttpa@ttpa.com.au>
Sent: Monday, 21 November 2011 4:04 PM
To: Alexis Cella
Subject: Ref 10178 - Discovery Point Stage 1
Attachments: sp 17 11 11 12.5BUS.pdf; DOC211111.pdf

Alexis

The following statement addresses outstanding issues in relation to “transport and traffic”.

1. Road Sections

I have assessed the plans prepared by Bates Smart which depict the various road cross sections and the plan view of the road network, kerb lines and road markings.

It is my assessment that those design details comply with the AUSTROADS Guidelines.

2. Road Transport Act and Regulations

I have examined the Road Transport (Safety and Traffic Management) Act 1999 and Road Transport (Safety and Traffic Management) Regulation 1999 and find that they do not have any relevance to the design of Transport Interchanges in the sense of provisions for transport vehicles and pedestrian movements etc.

3. I have undertaken an assessment of all aspects of the interchange design in relation to the “Guidelines for Development of Public Transport Interchange Facilities” (2008) as follows:

- Wolli Creek (Discovery Point) falls within the criteria for a “Local Interchange”
- The minimum provisions for a Local Interchange are as follows:

Shelter	Complies
Individual Shelter at Bus Stand	✓
Individual Shelter at Taxi Stand	✓ (awning)
Individual Shelter at Kiss N Ride	✓ (awning)

Seating	
Min. seating for 5 people at Bus Shelter	✓
Min. seating for 5 people at Taxi Stand	X
Min. seating for 5 people at Kiss n Ride	X

X seating available nearby where it will not obstruct footways

Phone	Not required
Toilet	Not required
Driver Facilities	Not required

Information	
Interchange Name	✓
Bus Stand Number	Not required
Interchange Map	✓

General Bus Route	✓ (STA)
Local Area Map	May be considered
Bus Route No./destination	✓ (STA)
Fare Information	Not required
Time Table	✓ (STA)
Real Time	Not required
Next Bus/Train	Not required
Service disruption Info	Not required
Kiss n Ride	✓
Commuter Parking	May be considered (not appropriate)
Bicycle locker/rack	Required (at Railway Station)
Lighting	✓
Video Surveillance	✓
Emergency Help	Not required
Public Address	Not required

4. STA Concurrence

STA has formally advised their concurrence to the permanent and temporary arrangements and provisions for buses. Copy of email response is attached.

5. Magdalene Terrace and Spark Lane

The attached turning path diagram confirms that arrangements at this intersection are suitable for buses and for clarity of intersection control

6. Bus Movements

The attached turning path diagram confirms the 12.5m buses will be suitably accommodated on the road system.

7. Car Park and Loading Dock Design

Assessment of the architectural plans has confirmed that the design details of the carpark, loading dock and vehicle access arrangements comply with the requirements of AS2890.1, 2 and 6.

Regards
Ross Nettle
Director

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Sandra King

From: Robert_Rosadi@sta.nsw.gov.au
Sent: Tuesday, 25 January 2011 9:03 AM
To: ttpa@ttpa.com.au
Cc: Eric_Graham@sta.nsw.gov.au; Ian_Brocklehurst@sta.nsw.gov.au;
Brian_Mander@sta.nsw.gov.au
Subject: ATTN: Sandra King - Wolli Creek
Attachments: MANDER 14 12 10 LTR.pdf; MANDER 24 1 11 LTR.pdf

Dear Sandra,

Thank you for forwarding the documents for review. State Transit has no objections to the proposed temporary arrangements and the final arrangements. It would be appreciated if you could advise of a proposed commencement date so we can advise our operational staff and customers of the change in route.

Thanks,

Robert Rosadi
Senior Traffic Engineer
State Transit

P: 02 9245 5614 | F: 02 9245 5611

www.statetransit.info

----- Forwarded by Robert Rosadi/StrawberryHills/STA on 25/01/2011 08:58 AM -----

**Brian
Mander/Kingsgrove/STA**

To: Robert Rosadi/StrawberryHills/STA@STA, Ian
Brocklehurst/StrawberryHills/STA@STA

24/01/2011 03:03 PM

cc

Subject: Fw: Wolli Creek

Gents

what was discussed and is it covered in the request?

regards brian

----- Forwarded by Brian Mander/Kingsgrove/STA on 24/01/2011 03:01 PM -----

"Sandra King"
<ttpa@ttpa.com.au>

To: <Brian_mander@sta.nsw.gov.au>

24/01/2011 11:44
AM

cc: "Christopher Pope" <CPope@australand.com.au>, "Kara
Krason" <kkrason@australand.com.au>

Subject: Wolli Creek

Regards
Ross Nettle
Director

COLOUR LEGEND:

	RESIDENTIAL FOYER
	RETAIL
	LOADING
	CARPARK
	CORE
	EXISTING CARPARK

D	Revision	Date	Description	Initial	Checked
D	11.11.11		Baseline Access Amendment	DL	MA
C	17.06.11		Project Application	SA	MA
B	13.04.11		Project Application	SA	MA
A	07.02.11		Project Application	AW	MA



Linc
Discovery Point, Wollie Creek
Ground Level Plan



Status	PLANNING			
Scale	1:250	@ A1	1:500	@ A3
Drawn	AW		Checked	MP
Project No.	151191A			
Plot Date	14/11/2011 11:46:25 AM			
Plot File	C:\Users\mike\Documents\151191A.dwg			

Drawing no. **DA2.200** **D** **Revisions**

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Revision	Date	Description	Initial	Checked
C	11.11.11	DPP Road Layout Amended	DL	MA
B	17.06.11	Project Application	SA	MA
A	07.02.11	Project Application	AW	MA



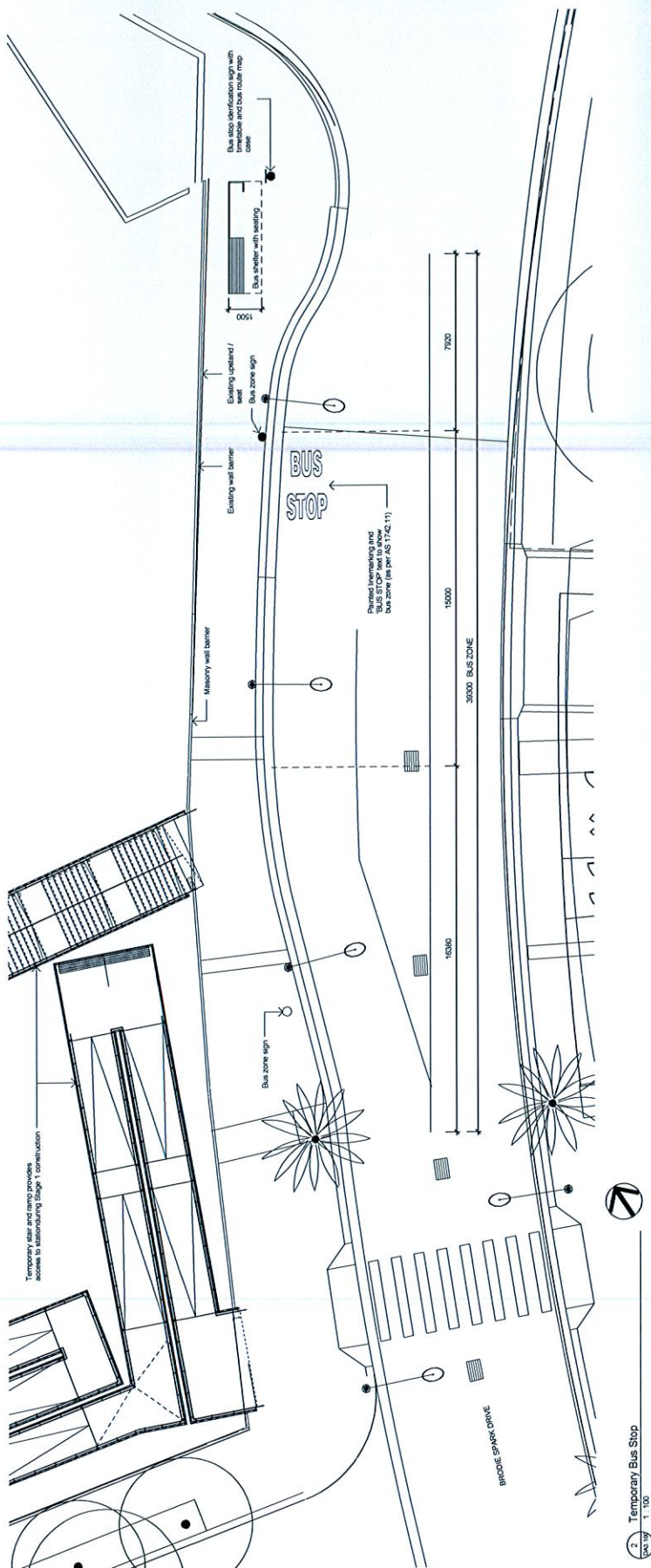
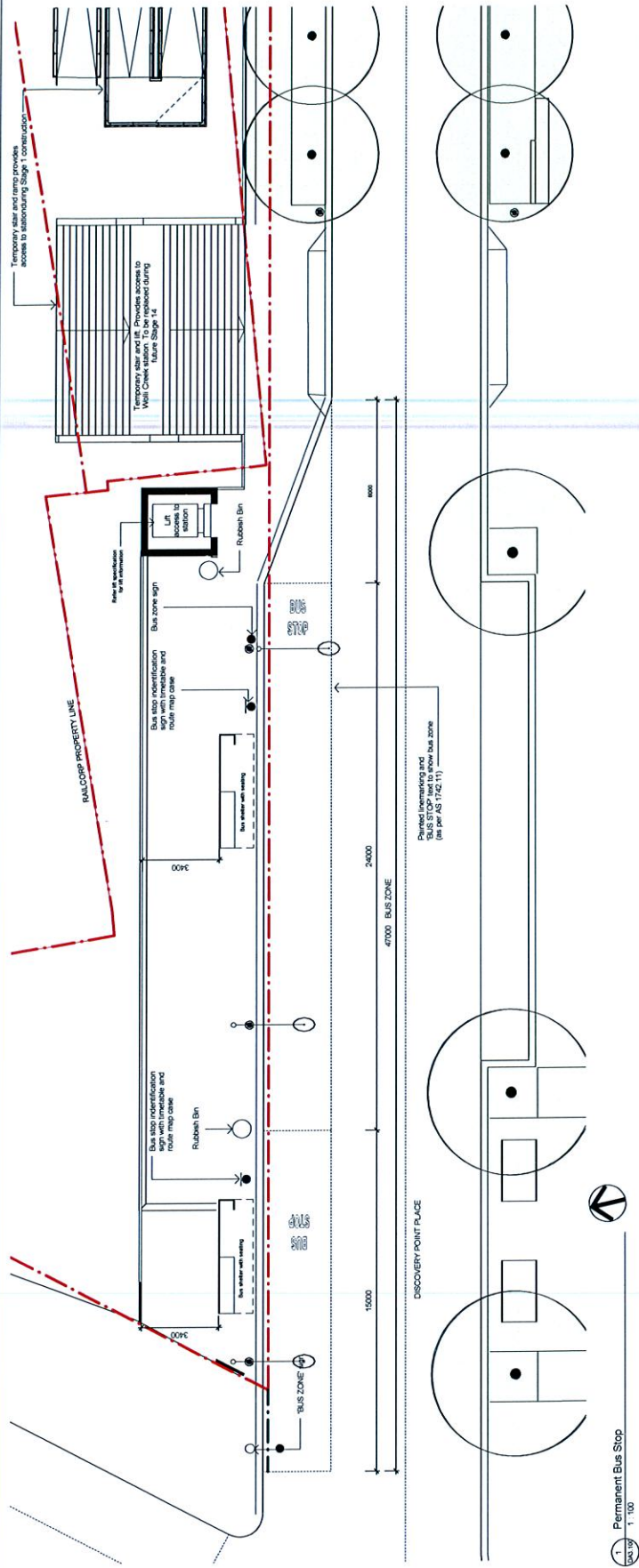
Linc
Discovery Point, Walli Creek
Permanent & Temporary Bus Stops

Status	PLANNING
Scale	1 : 100 @ A1
Drawn	ANW
Checked	MP
Project No.	ST1101A
Plot Date	14/10/2011 12:35 PM
Plot File	C:\research\m2\m2\Auto\

DA3.100 C
 Drawing title: Revision
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Revision: 1
 Date: 17/11/11
 By: [Signature]
 Checked: [Signature]
 Project: Discovery Point
 Location: Wollongong



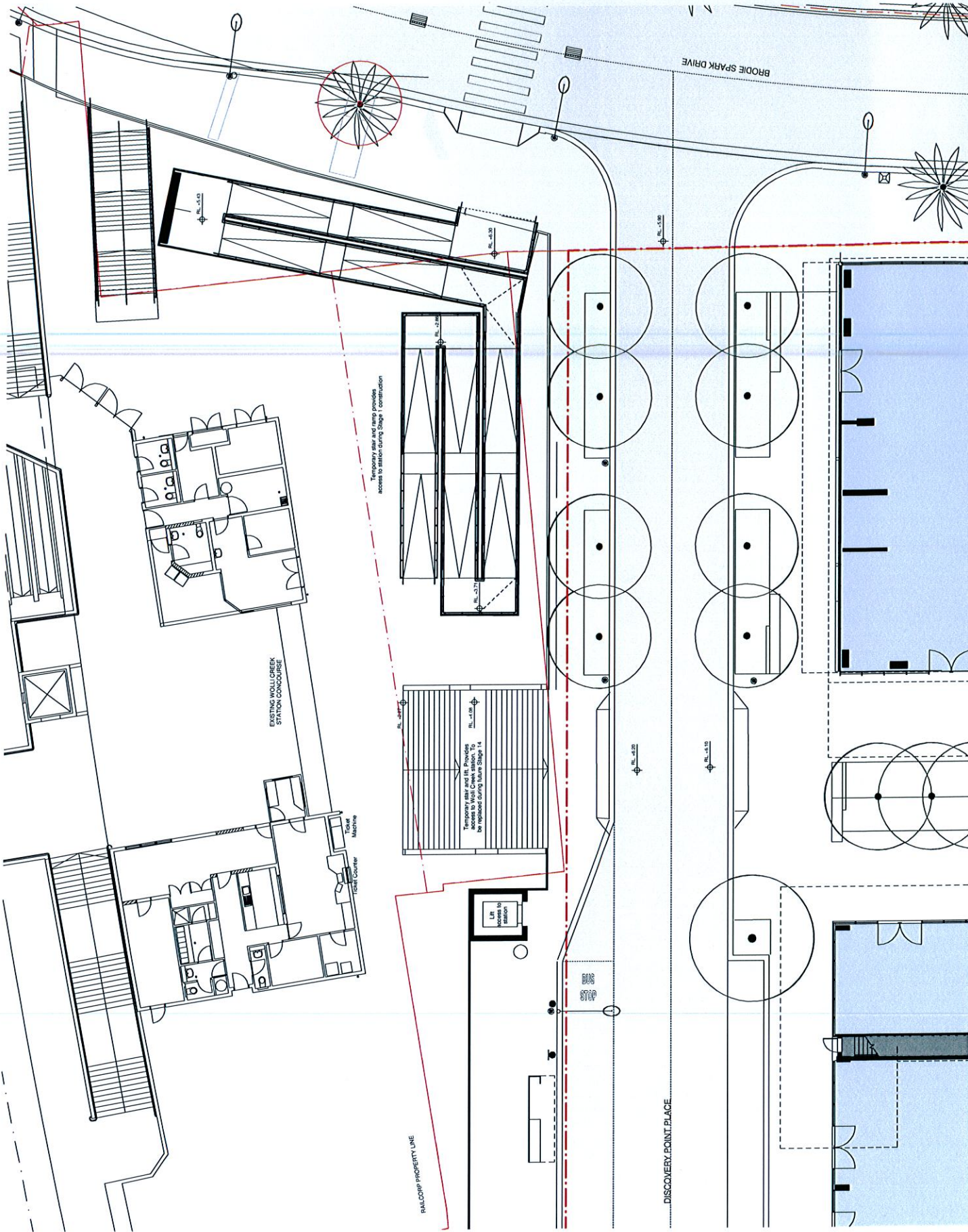
Linc
 Discovery Point, Wollongong
 Station Stairs

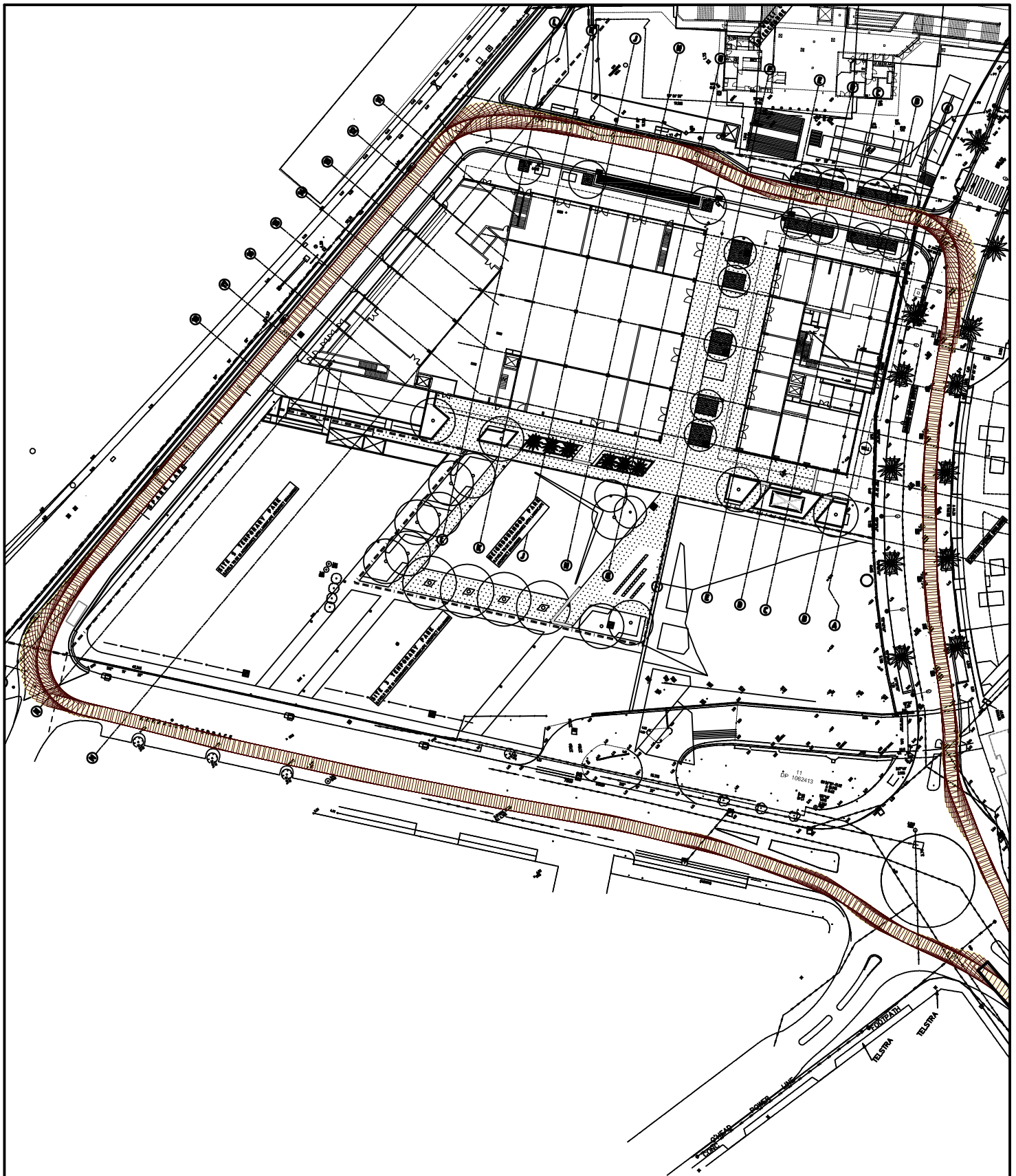


Scale	1:100	@ A1	1:200	@ A3
Drawn	AW	Checked	MP	
Project No.	S11191A			
Rev. No.	1	Rev. Date	14/11/2011	1:200 to A3
Rev. Description				
Rev. By				
Rev. Check				

DA3.101
 C
 Bates Smart Pty Ltd ABN 75 004 899 000

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LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2000. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



SWEPT PATH ANALYSIS OF A 12.5m BUS

SP 1