



FREEDOM OF INFORMATION COVERSHEET

The following information is provided pursuant to section 28 of the *Freedom of Information Act 2016*.

FOI reference: 24-144

Information to be published	Status
1. Access application	Published
2. Decision notice	Published
3. Schedule	Published
4. Documents	Published
5. Additional information identified	Not Applicable
6. Fees	Not Applicable
7. Processing time (in working days)	29 Days
8. Decision made by Ombudsman	Not applicable
9. Additional information identified by Ombudsman	Not Applicable
10. Decision made by ACAT	Not applicable

11. Additional information identified by ACAT	Not applicable
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ACT
Government

Transport Canberra
and City Services

Freedom of Information

Access Application to Transport Canberra and City Services

About this form

This form should be used to submit an application for information held by Transport Canberra and City Services (TCCS) under the Freedom of Information Act 2016.

For an application to be valid, it must:

- Contain an email address or postal address in which notices under the FOI Act can be provided to you; and
- Include enough detail about in the type of information you are requesting to enable TCCS to identify the relevant government information.

Mandatory fields are marked with a *

If your application is for access to your own personal information you must include evidence of your identity.

Where a request relates to the personal information of a person you are acting on behalf of, you are required to attach evidence of your identity and a signed consent form.

You may wish to include a statement about how the release of information is in the public interest. An opportunity to attach the statement or any other information will be provided at the end of this application.

If your application is incomplete, TCCS will take reasonable steps to assist you and give you reasonable time to amend your application.

Submission

Post

FOI and Subpoenas, Legal and Contracts
Transport Canberra and City Services Directorate
GPO Box 158
CANBERRA ACT 2601

Email

tccs.foi@act.gov.au

Your details:

Title

Name

Address

Phone

Email

Preferred method of contact: Phone Email Post

Requested information**Additional information can be attached*

I am requesting access to the following government information under the *Freedom of Information Act 2016*:

- All documents and records held by TCCS (including but not limited to emails, correspondence, file notes, computer records, notes of meetings, and notes of oral conversations) relating to ACT Housing/TTW Engineers' (the Applicant) proposals for waste management and collection regarding the proposed development of the former 100 and 102 Macarthur Place O'Connor ACT (Blocks 25 and 26, Section 43)(the site) including:
 - the Applicant's proposed solution for kerbside waste collection/shared waste solution at the site;
 - the Applicant's proposed performance-based solution for removal of waste from the site by an HRV reversing into the driveway and collecting waste from hoppers (the Applicant's hopper proposal);
 - any pre-development application meetings between TCCS and the Applicant (and/or with Act No Waste) in relation to any waste solutions proposed by the Applicant;
 - any conversations or correspondence between TCCS and ACT No Waste or any other government agency or employee regarding the Applicant's waste collection proposals at the site;
 - TCCS' initial decision (and the reasoning for it) not to approve the Applicant's hopper proposal;
 - TCCS' subsequent decision (and the reasoning for it) to approve the Applicant's hopper proposal;
 - any oral discussions between TCCS and the Applicant (and/or with Act No Waste) about the Applicant's hopper proposal, and in particular any that took place between 7 May 2024 and 13 June 2024;
 - ACT No Waste's consideration/views/approval or lack of approval regarding the Applicant's hopper proposal; and
 - evidencing any consideration undertaken by TCCS in relation to the safety, efficiency and cost-effectiveness for the ACT of the Applicant's hopper proposal;

Preferred method to receive information*:

Email Post

Statement on the public interest (Optional)

[REDACTED] and am in the process of making public representations to ACT Planning in relation to it. [REDACTED] serious safety concerns about the detrimental impact the proposed development is likely to have on traffic risks and conditions in Macarthur Place. In terms of TCCS' written approval of the Applicant's proposed residential waste removal solution, to date all that has been published on the ACT Planning website is a single email chain and the reasoning for the decision is not clear to me. I would like to better understand TCCS's approval decision so that I am able to make informed representations to ACT Planning on the proposed development at the site. I believe it is in the public interest that ACT government decisions relating to development applications that impact the local, and broader, community are made clearly, openly and transparently, and in accordance with legal requirements. [REDACTED]

[REDACTED] I ask that a decision be made as quickly as possible in light of the current ACT Planning development assessment process to which this approval relates.

Waiver of fees

- I hold a valid concession card
- I am a member of the ACT Legislative Assembly
- This application is being submitted on behalf of a not-for-profit organisation
- The information that is the subject of the request is of special benefit to the public
- The information being requested was previously available to the public but no longer is

Privacy Notice

All personal information you provide will be handled in accordance with the [Information Privacy Act 2014](#) and the TCCS Privacy Policy. In accordance with the [Freedom of Information Act 2016](#), your application may be shared with other ACT Government Directorates where it is believed that they may hold information relevant to your request. You will be notified if another ACT Government Directorate is likely to respond to all or part of your application.

TCCS Disclosure Log

Please be aware that under the [Freedom of Information Act 2016](#) all information released to you will be published online, except where the request relates to your personal information. Your personal information will be removed prior to documents being published online.

Public Interest

In deciding on an application to access government information, an Information Officer must decide if the disclosure is in the public interest. While the Freedom of Information Act 2016 promotes disclosure, there are certain circumstances the disclosure of government information is contrary to the public interest. These circumstances are:

Privacy Notice

- Any instance where the type of information is listed in schedule 1; or
- Where the Information officer has carried out a public interest test against factors listed in schedule 2, and the information is found on balance to be contrary to the public interest.

Accessibility

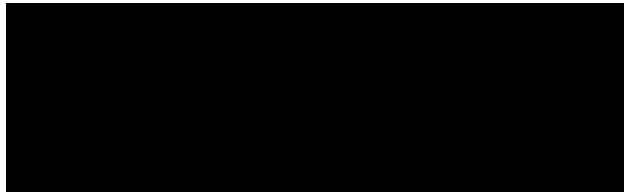
Should you require assistance to complete this application or have any suggestions to improve the accessibility of this form, please contact the TCCS Freedom of Information team on (02) 62072987.

d



ACT
Government

Transport Canberra and
City Services



Dear 



Freedom of Information Request - Reference 24-144

I refer to your application made to Transport Canberra and City Services Directorate (TCCS) under the *Freedom of Information Act 2016* (FOI Act) on 9 October 2024. It is my understanding that you are seeking access to the following government information:

"All documents and records held by TCCS (including but not limited to emails, correspondence, file notes, computer records, notes of meetings, and notes of oral conversations) relating to TTW Engineers' (the Applicant) proposals for waste management and collection regarding the proposed development of the former 100 and 102 Macarthur Place O'Connor ACT (Blocks 25 and 26, Section 43)(the site) including:

- *the Applicant's proposed solution for kerbside waste collection/shared waste solution at the site;*
- *the Applicant's proposed performance-based solution for removal of waste from the site by an HRV reversing into the driveway and collecting waste from hoppers (the Applicant's hopper proposal);*
- *any pre-development application meetings between TCCS and the Applicant (and/or with Act No Waste) in relation to any waste solutions proposed by the Applicant;*
- *any conversations or correspondence between TCCS and ACT No Waste or any other government agency or employee regarding the Applicant's waste collection proposals at the site;*
- *TCCS' initial decision (and the reasoning for it) not to approve the Applicant's hopper proposal;*
- *TCCS' subsequent decision (and the reasoning for it) to approve the Applicant's hopper proposal;*
- *any oral discussions between TCCS and the Applicant (and/or with Act No Waste) about the Applicant's hopper proposal, and in particular any that took place between 7 May 2024 and 13 June 2024;*
- *ACT No Waste's consideration/views/approval or lack of approval regarding the Applicant's hopper proposal; and*
- *evidencing any consideration undertaken by TCCS in relation to the safety, efficiency and cost-effectiveness for the ACT of the Applicant's hopper proposal."*

I thank you for including the following statement on the public interest:

 *am in the process of making public representations to ACT Planning in relation to it.  serious safety concerns about the detrimental impact the proposed development is likely to have on traffic risks and conditions in Macarthur Place. In terms of TCCS' written approval of the Applicant's proposed residential waste removal solution, to date all that has been*

TCCS.FOI@act.gov.au | phone: (02) 620 72987 | www.act.gov.au

published on the ACT Planning website is a single email chain and the reasoning for the decision is not clear to me. I would like to better understand TCCS's approval decision so that I am able to make informed representations to ACT Planning on the proposed development at the site. I believe it is in the public interest that ACT government decisions relating to development applications that impact the local, and broader, community are made clearly, openly and transparently, and in accordance with legal requirements.

I ask that a decision be made as quickly as possible in light of the current ACT Planning development assessment process to which this approval relates."

Timeframes

In accordance with section 40 of the FOI Act, a decision is due on your application by 20 November 2024.

Authority

I am an Information Officer appointed by the Director-General under section 18 of the Act to deal with access applications made under Part 5 of the Act.

Decision on access

A search of records held by TCCS to identify relevant information has been completed and 31 relevant records have been identified.

Upon reviewing the information within this record and applying the public interest test under section 17 of the FOI Act, I have decided to provide you with:

- full access to 7 records;
- partial access to 19 records; and
- refused access to 2 records.

Three records are duplicates. I have included references to these records in the schedule of records at [Attachment A](#) for transparency.

A copy of the records being disclosed to you in part or full are enclosed at [Attachment B](#) with deletions applied to information which is contrary to the public interest to disclose.

Statement of Reasons

In reaching my access decision, I have taken the following into account:

- the FOI Act;
- your views on the public interest;
- the *Humans Rights Act 2004*;
- the content of the documents that fall within the scope of your request.

The FOI Act has a pro disclosure bias, which requires information to be disclosed unless doing so would be contrary to the public interest. As an Information Officer, I must decide where, on balance, public interest lies in the disclosure of government information. Section 17(1) of the FOI Act sets out the steps for completing the public interest test. As part of this process, I must identify all relevant factors in schedule 1 of the FOI Act. If no factor in schedule 1 is found relevant, I must then consider the factors listed in schedule 2 of the FOI Act and determine, on balance, where the public interest lies.

Schedule 1

- Schedule 1.3 - Information disclosure of which is prohibited under law

In reviewing the information within the records relevant to your application, I have identified some information as being a type that is prohibited under law and to which schedule 1.3 of the FOI Act applies. Information under Schedule 1 is taken to be contrary to the public interest unless the information identifies corruption or the commission, an offence by a public official or that the scope of a law enforcement investigation has exceeded the limits imposed by law. The information I refer to does not meet any of these categories and is therefore deemed to be contrary to the public interest and cannot be disclosed.

Public interest test (Schedule 2)

Factors favouring disclosure in the public interest (Schedule 2.1)

- Schedule 2.1(a)(viii) - reveal the reason for a government decision and any background or contextual information that informed the decision.
- Schedule 2.1(a)(ii) - contribute to positive and informed debate on important issues or matters of public interest.

Factors favouring non-disclosure (Schedule 2.2)

- Schedule 2.2 (a)(ii) – prejudice the protection of an individual's right to privacy or any other right under the *Human Rights Act 2004*.

In reviewing the remaining relevant information, I have considered that the information requested relates to a Development Application which was previously open for public consultation and agree with your views that disclosure is likely to reveal the contextual information behind a government decision. I further consider that contextual and background information is likely to contribute to positive and informed debate on important issues or matters of public interest, including making representations to ACT Government on proposed developments at the site.

I also acknowledge that the pro-disclosure bias requires the public interest test to be approached on the basis that there are not simply empty scales in equilibrium, waiting for arguments to be put on each side. Rather, the scales are loaded in favour of disclosure.

In my review, I have also identified the personal information of third parties. I have considered that the information has been provided to TCCS with the expectation that it is handled in accordance with [published privacy statements and policies](#), and authority to access this information or evidence of identity to validate authority to release of personal information has not been provided in the submission of your application. I consider that this information has come to be held by TCCS with the expectation that it is handled in accordance with the *Information Privacy Act 2014*. As such, I find that the protection of an individual's right to privacy under the *Human Rights Act 2004* carries significant weight and disclosure is, on balance, contrary to the public interest.

I have found that the factors favouring disclosure can be satisfied by the deletion of information which is contrary to the public interest. I have attached the record with redactions enclosed at [Attachment B](#).

Charges

In accordance with *Freedom of Information (Fees) Determination 2018*, a fee of \$0.35 per page above the fee-free threshold of 50 pages may be payable. I have decided to waive the fee as the total number of pages marginally exceeds the fee-free threshold.

Online publishing – disclosure log

Under section 28 of the Act, TCCS maintains an online record of access applications called a disclosure log. Your original access application, my decision and documents released to you will be published on the disclosure log with 3 – 10 business days. Your personal information will be removed from these copies prior to publication.

Ombudsman review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek an Ombudsman review of this outcome under section 73 of the Act within 20 working days from the day that my decision is published in TCCS' disclosure log, or a longer period allowed by the Ombudsman.

If you wish to request a review of my decision, you may write to the Ombudsman at:

ACT Ombudsman
GPO Box 442
CANBERRA ACT 2601
Via email: actfoi@ombudsman.gov.au

ACT Civil and Administrative Tribunal (ACAT) review

Under section 84 of the Act, if a decision is made under section 82 on an Ombudsman review, you may apply to the ACAT for review of the Ombudsman decision.

Further information may be obtained from ACAT at:

ACT Civil and Administrative Tribunal
GPO Box 370
CANBERRA CITY ACT 2601
Telephone: (02) 6207 1740
www.acat.act.gov.au

If you have any queries concerning the directorate's processing of your request, or would like further information, please contact the TCCS FOI team on (02) 6207 2987 or email to tccs.foi@act.gov.au.

Yours sincerely



Lisa Johnson
Information Officer

19 November 2024

ATTACHMENT A - ACCESS APPLICATION SCHEDULE, FREEDOM OF INFORMATION

Reference Number: 24-144

Please be aware that under the *Freedom of Information Act 2016*, some of the information provided to you will be released to the public through the ACT Government's Open Access Scheme. The Open Access release status column of the table below indicates what documents are intended for release online through open access.

Personal information or business affairs information will not be made available under this policy. If you think the content of your request would contain such information, please inform the contact officer immediately.

Information about what is published on open access is available online at: https://www.cityservices.act.gov.au/about-us/freedom_of_information/disclosure-log

Factors favouring non-disclosure:

Schedule 2.2(a)(ii) - prejudice the protection of an individual's right to privacy or any other right under the *Human Rights Act 2016*.

Schedule 1.3 - Information disclosure of which is prohibited under law

Reference number	Page number	Description	Date	Status	Reason for non-release or deferral	Open Access release status
1	1	20231220 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	20 December 2023	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	Decision to be published on the TCCS Disclosure Log .
2	3	20231220 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query	20 December 2023	Partial access	Schedule 1.3	

		TTW_239126 - Attachment - C02 Concept Plans_ Ground Floor				
3	4	20240119 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	19 January 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
4	-	20240119 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - C02 Concept Plans_ Ground Floor	20 December 2023	-	Duplicate of record 2	
5	-	20240130 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	30 January 2024	Refused	Schedule 1.3	
6	6	20240130 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment 1	30 January 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
7	-	20240130 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query	20 December 2023	-	Duplicate of record 2	

		TTW_239126 - Attachment 1A - C02 Concept Plans_ Ground			
8	-	20240130 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment 1B	19 January 2024	-	Duplicate of record 3
9	9	20240206 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	6 February 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3
10	17	20240206 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-SK-CI-11001	6 February 2024	Full access	Not applicable
11	18	20240206 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-SK-CI-11002	6 February 2024	Full access	Not applicable
12	19	20240206 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste	6 February 2024	Full access	Not applicable

		and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-SK-CI-11003				
13	20	20240206 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 240205 B25-26 S43 O'CONNOR	6 February 2024	Partial access	Schedule 1.3	
14	21	20240216 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	16 February 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
15	28	20240219 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	19 February 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
16	36	20240227 - Email - FW_ FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	27 February 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
17	45	20240229 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste	29 February 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	

		and Streetlight query TTW_239126				
18	52	20240304 - Meeting Invite - Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	4 March 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
19	53	20240405 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	5 April 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
20	62	20240405 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-DR-CI-12011-A	5 April 2024	Partial access	Schedule 2.2(a)(ii)	
21	63	20240405 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - WRMP form (Shared multi unit)	5 April 2024	Partial access	Schedule 2.2(a)(ii)	
22	85	20240412 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste	12 April 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	

		and Streetlight query TTW_239126				
23	94	20240412 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-DR-CI-12011-C	12 April 2024	Partial access	Schedule 2.2(a)(ii)	
24	95	20240412 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-DR-CI-12011-B	12 April 2024	Partial access	Schedule 2.2(a)(ii)	
25	96	20240412 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - PXL_20240411_215844282	12 April 2024	Full access	Not applicable	
26	97	20240412 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - WRMP form (Shared multi unit)	12 April 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
27	-	20240612 - Email - RE_ Blocks 25 & 26, Section 43, 100 & 102	12 April 2024	Refused	Schedule 1.3	

		Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126				
28	119	20240918 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126	18 September 2024	Partial access	Schedule 2.2(a)(ii) Schedule 1.3	
29	128	20240918 - Email - FW_ Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126 - Attachment - 239126-TTW-00-SK-CI-11003	18 September 2024	Full access	Not applicable	
30	129	20241010 - Email - RE_ SIGNIFICANT-REFERRAL-TCCS-202443268-25_43 O'CONNOR-01	10 October 2024	Full access	Not applicable	
31	133	20241016 - Email - FW_ SIGNIFICANT-REFERRAL-TCCS-202443268-25_43 O'CONNOR-01	16 October 2024	Full access	Not applicable	

Total number of documents: 31

From: [Henriquez, Jose](#)
To: [GarciaBermudez, Diana](#); [TCCS_DC DevelopmentCoordination](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Date: Wednesday, 20 December 2023 8:23:59 AM
Attachments: [twemailsignature.jpg_5698af16-5816-4e5c-8dfa-c2371491fc7b.png](#)
[C02 Concept Plans - Ground Floor.pdf](#)

OFFICIAL

Hi Bec,

Please track this one against Diana.

Hi Diana,

Can you please have a look at this one with Mike.

Kind regards,

JH

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Thursday, December 14, 2023 9:42 AM
To: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good morning Jose,

For allocation to PL for review and Advice.

Many thanks,
Bec

From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe. [Learn why this is important](#)

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:
2x 2 bedroom
10x 1 bedroom/studio

Propose to utilise shared MGBs:
Requires 4.166 x 240L waste bins collected weekly
Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:
 $(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm


Performance solution justification:

[REDACTED]

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

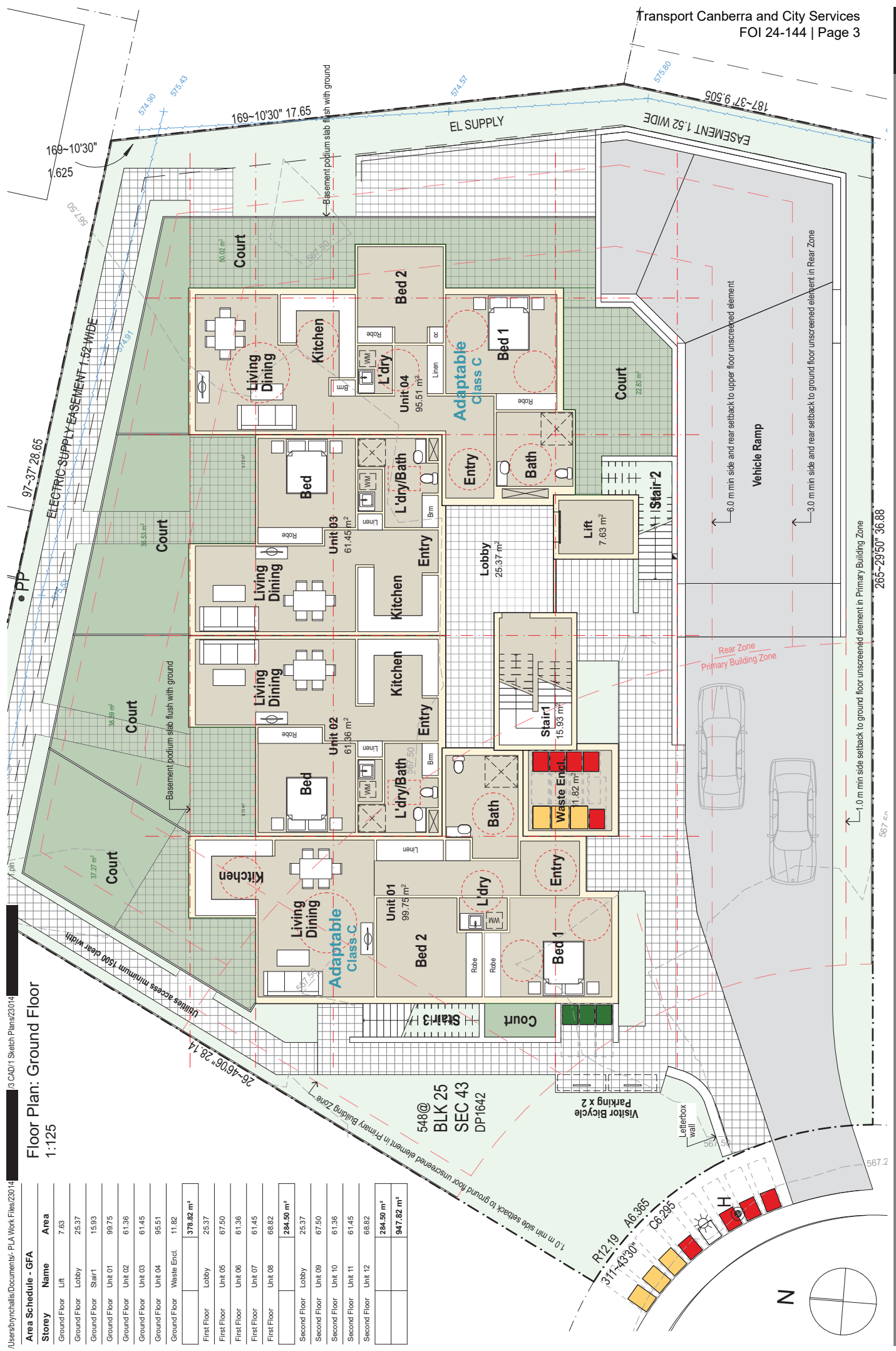
Regards,

	<p>[REDACTED]</p> <p>[REDACTED] [REDACTED]</p> <p>TTW Engineers Canberra</p> <p>Read our latest news here</p>
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Floor Plan: Ground Floor
1:125

Area Schedule - GFA

Storey	Name	Area
Ground Floor	Lift	7.63
Ground Floor	Lobby	25.37
Ground Floor	Stair1	15.93
Ground Floor	Unit 01	99.75
Ground Floor	Unit 02	61.36
Ground Floor	Unit 03	61.45
Ground Floor	Unit 04	95.51
Ground Floor	Waste Encl.	11.82
First Floor	Lobby	378.82 m ²
First Floor	Unit 05	25.37
First Floor	Unit 06	67.50
First Floor	Unit 07	61.36
First Floor	Unit 08	61.45
Second Floor	Lobby	284.50 m ²
Second Floor	Unit 09	25.37
Second Floor	Unit 10	67.50
Second Floor	Unit 11	61.36
Second Floor	Unit 12	61.45
Second Floor	Unit 12	68.82
		284.50 m ²
		947.82 m ²



/Users/tyncalls/Documents/PLA Work Files/23014

3 CAD/1 Sketch Plans/23014

357.90

From: [TCCS_DC DevelopmentCoordination](#)
To: [GarciaBermudez, Diana](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Date: Friday, 19 January 2024 9:37:00 AM
Attachments: [twemailsignature.jpg_5698af16-5816-4e5c-8dfa-c2371491fc7b.png](#)
[C02 Concept Plans_Ground Floor.pdf](#)

OFFICIAL

Good morning Diana,
Daniel is following up on his request.
Bec

From: [REDACTED]
Sent: Thursday, January 18, 2024 3:05 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:




Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe.

[Learn why this is important](#)

Hello,

Any update on the below?

Regards,

	  TTW Engineers Canberra <i>Read our latest news here</i>
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From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS.DCDevelopmentCoordination@act.gov.au
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:

2x 2 bedroom

10x 1 bedroom/studio

Propose to utilise shared MGBs:

Requires 4.166 x 240L waste bins collected weekly

Requires 4.88 x 360L recycling bins collected fortnightly

Kerbospace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

[REDACTED]

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.

If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.

And on performance solution of reduced bins.

Regards,

From: [TCCS_DC DevelopmentCoordination](#)
To: [GarciaBermudez, Diana](#)
Cc: [TCCS_DC DevelopmentCoordination](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Date: Tuesday, 23 January 2024 12:32:39 PM
Attachments: [CO2 Concept Plans - Ground Floor.pdf](#)
[image001.png](#)
[image002.png](#)
[FW Blocks 25 26 Section 43 100 102 Macarthur Place O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126.msg](#)
[image003.png](#)
[image004.png](#)
Importance: High

OFFICIAL

Good afternoon Diana,
Please refer below email enquiry and let us know if you require any further information.
Many thanks,

Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government

480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)



Connected services for the people of Canberra



I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]

[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little

Assistant Director | Service Delivery

ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

www.tccs.act.gov.au

Waste Sorted



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: [REDACTED]

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To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>

Cc: [REDACTED]

Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

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And on performance solution of reduced bins.

Regards,

From: [GarciaBermudez, Diana](#)
To: [Stelzig, Mike](#)
Cc: [Henriquez, Jose](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Tuesday, 6 February 2024 12:37:26 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[239126-TTW-00-SK-CI-11002.pdf](#)
[239126-TTW-00-SK-CI-11003.pdf](#)
[240205 B25-26_S43 O'CONNOR reboot - concept.pdf](#)
[239126-TTW-00-SK-CI-11001.pdf](#)

OFFICIAL

Hi Mike,

I have attached the information provided by the applicant showing the performance solution (email below) for the waste management in this site.

Please let me know if I can proceed to organise the meeting to discuss.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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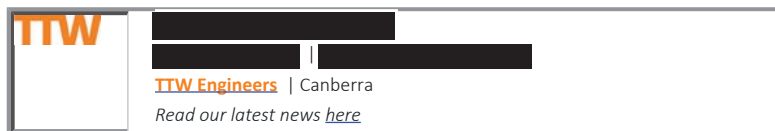
Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.

If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.

However, you still are not complying with the number of bins required for this development as per calculation listed below.

1000L waste ÷ 240L = 4.1 = **4**

880L recycling ÷ 360L = 2.4 x 2 = 4.888 = **5**

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [REDACTED] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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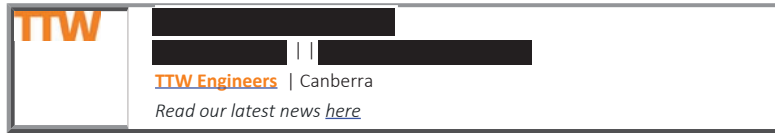
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Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used). In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb.

Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>

Sent: Tuesday, January 30, 2024 12:26 PM

To: [Redacted]

Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query
TTW_239126

Importance: High

OFFICIAL

[Redacted]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

"An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms".

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

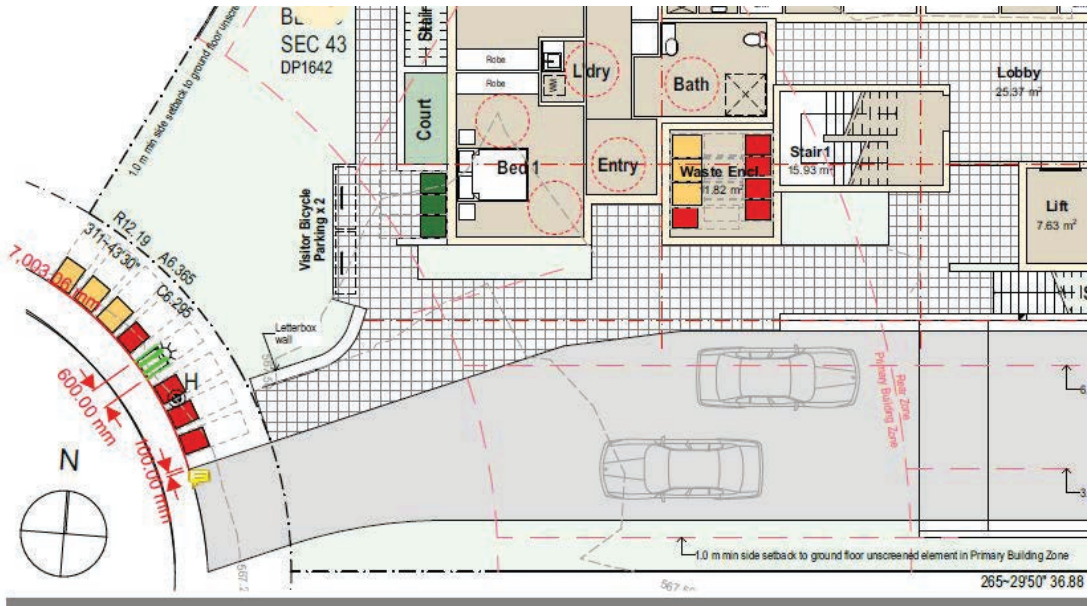


Image 2



Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity	Service frequency*
	1,100L	
980	1	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



ACT
Government

Transport Canberra
and City Services

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**

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Connected services for the people of Canberra



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Artwork "Relationships" by Lynnice Letty Church

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
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Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

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Vicki Little

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GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au
www.tccs.act.gov.au



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Sent: Wednesday, December 13, 2023 3:49 PM

To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>

Cc: [REDACTED]

Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

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[REDACTED]

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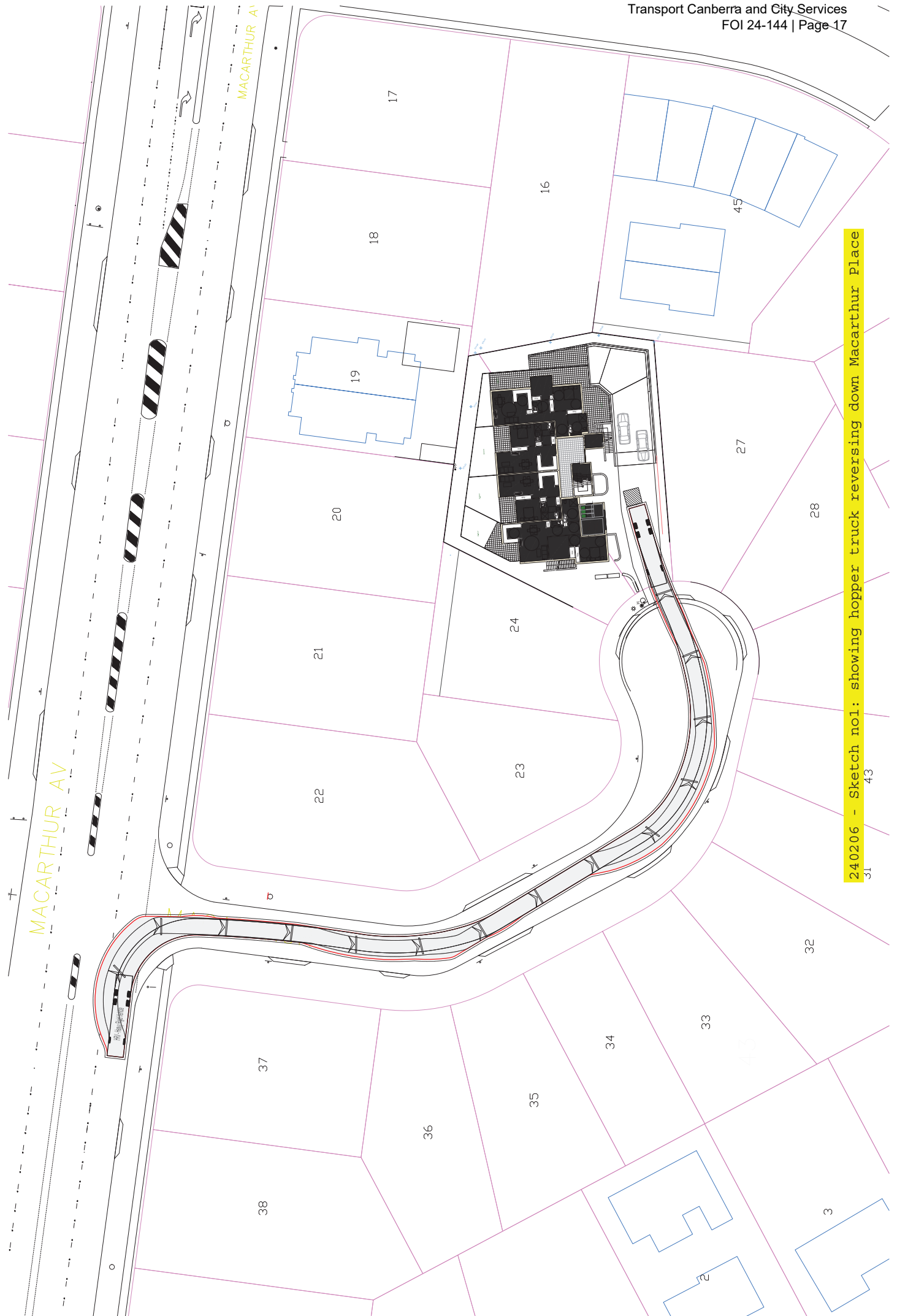
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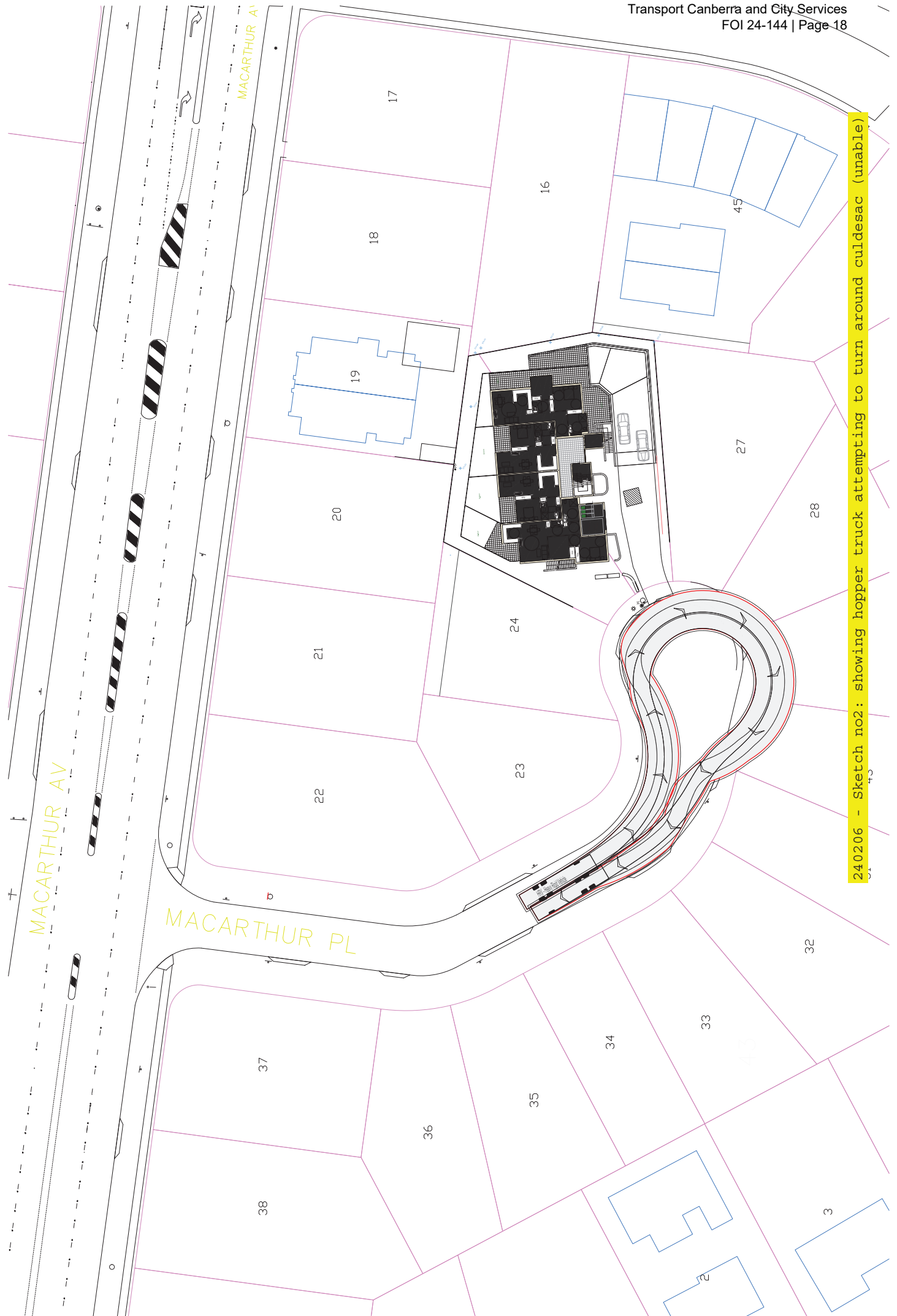
And on performance solution of reduced bins.

Regards,

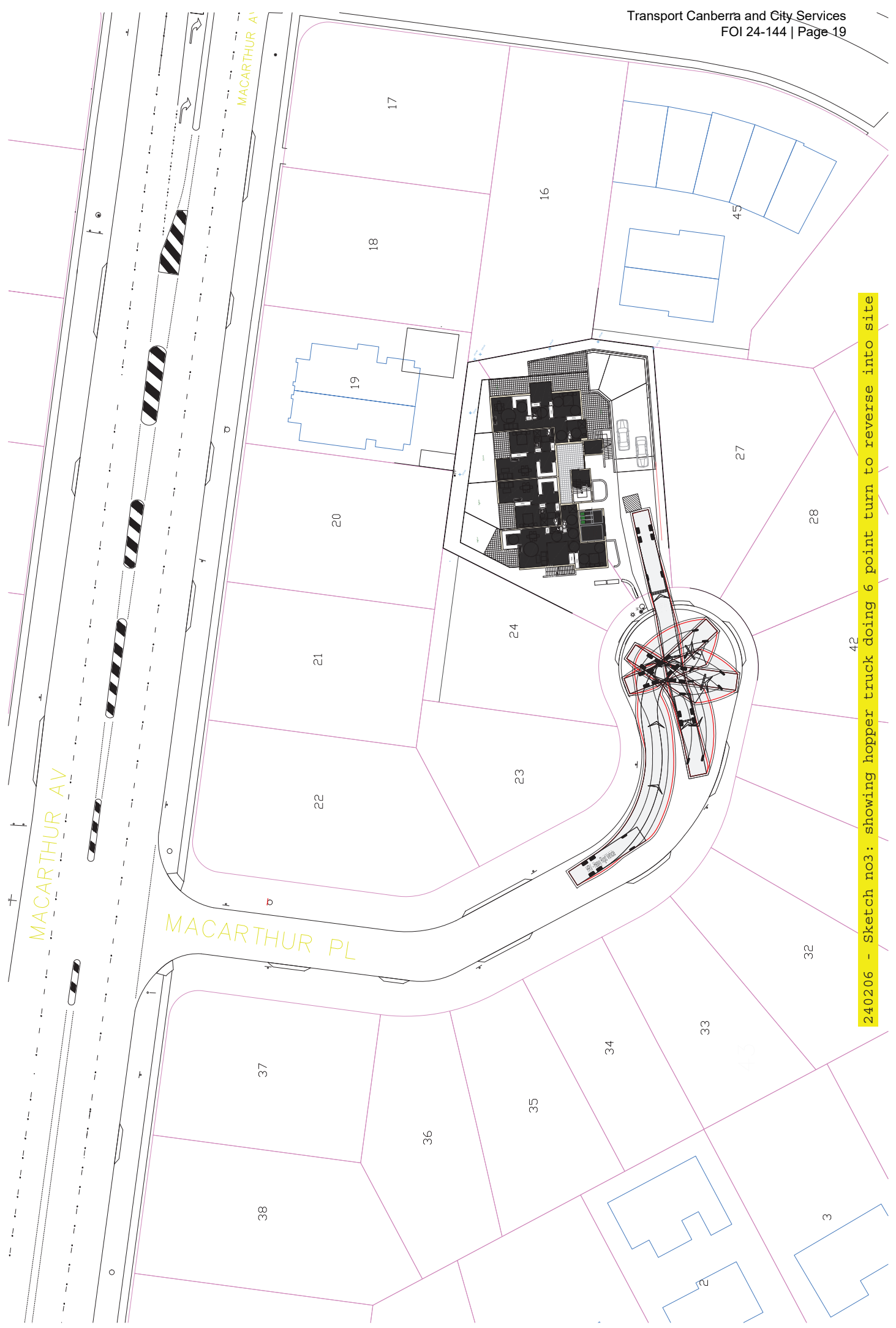
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240206 - Sketch no1: showing hopper truck reversing down Macarthur Place
31 43



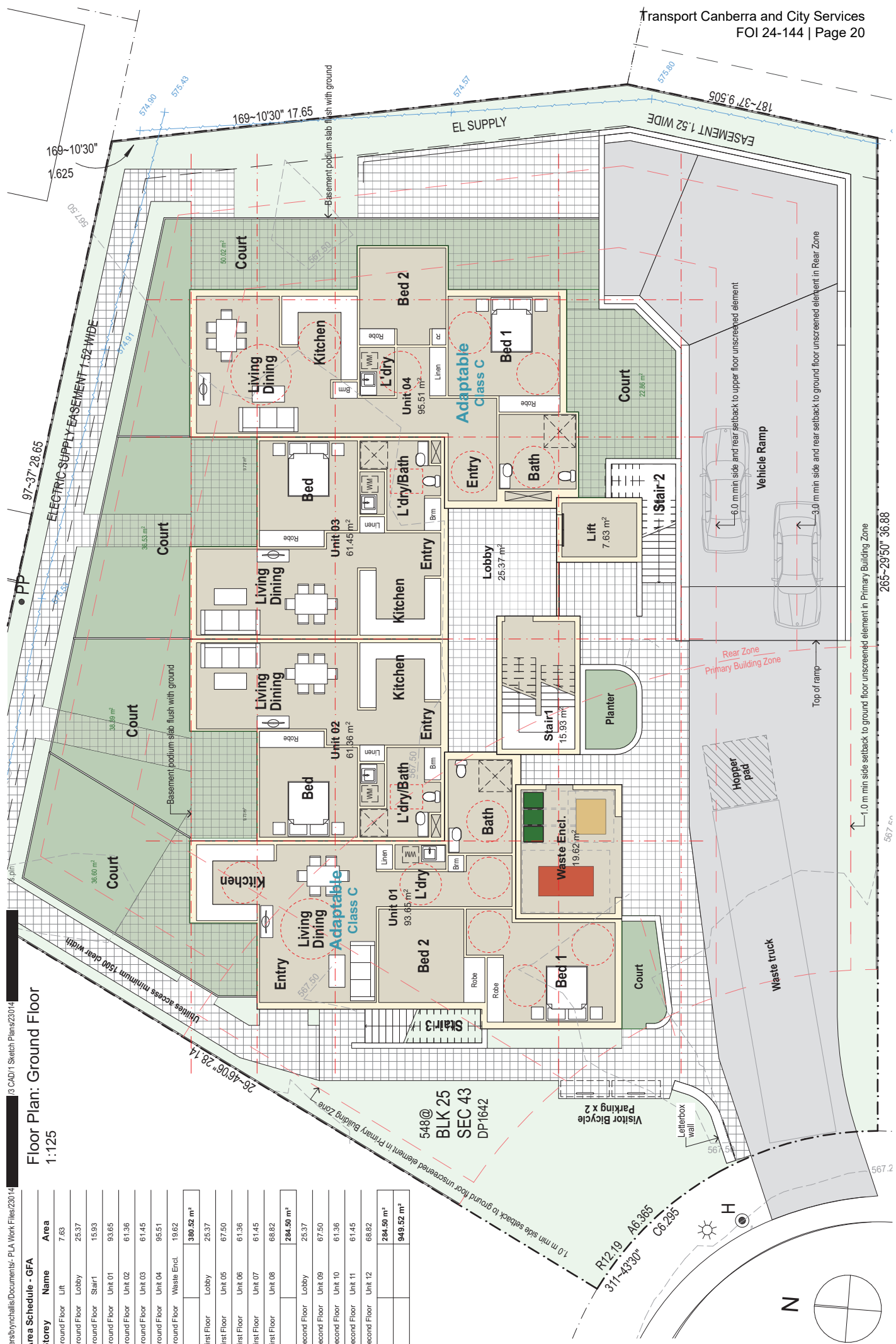
240206 - Sketch no2: showing hopper truck attempting to turn around culdesac (unable)



240206 - Sketch no3: showing hopper truck doing 6 point turn to reverse into site

Floor Plan: Ground Floor
 1:125

Area	Schedule - CFA	Name	Area
Ground Floor	Lobby	Lobby	7.63
Ground Floor	Lift	Lift	25.37
Ground Floor	Stair 1	Stair 1	15.93
Ground Floor	Unit 01	Unit 01	93.65
Ground Floor	Unit 02	Unit 02	61.36
Ground Floor	Unit 03	Unit 03	61.45
Ground Floor	Unit 04	Unit 04	95.51
Ground Floor	Waste Encl.	Waste Encl.	19.62
First Floor	Lobby	Lobby	380.52 m ²
First Floor	Unit 05	Unit 05	25.37
First Floor	Unit 06	Unit 06	67.50
First Floor	Unit 07	Unit 07	61.36
First Floor	Unit 08	Unit 08	61.45
Second Floor	Lobby	Lobby	284.50 m ²
Second Floor	Unit 09	Unit 09	25.37
Second Floor	Unit 10	Unit 10	67.50
Second Floor	Unit 11	Unit 11	61.36
Second Floor	Unit 12	Unit 12	68.82
			284.50 m ²
			949.52 m ²



PHILIPLEESONARCHITECTS
 4/9 McKey Street Turner ACT 2612 P 02 6295 3311 E info@philpleeson.com.au

Proposed Multi-Unit Housing
 Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place O'CONNOR ACT

Concept Plans: Ground Floor
 Scale: As Shown @ A3

C02

From: Mahoney, Sarah
To: Stelzig, Mike
Cc: Little, Vicki
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Friday, 16 February 2024 3:24:38 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
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image013.png
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image015.png
image016.png
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image018.png
image019.png
image020.png

OFFICIAL

Hi Mike,

█ has clarified the below;

No, We cannot safely access the street.
I attempted the street in a car today and that was difficult enough due to the layout of the street and the parked cars.

Regards

Sarah Mahoney

Service Delivery Officer | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate
Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Phone: 02 6207 7367 | Email: sarahj.mahoney@act.gov.au
www.tccs.act.gov.au



From: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Sent: Thursday, February 15, 2024 12:51 PM
To: Mahoney, Sarah <Sarahj.Mahoney@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Sarah

Can we please get clear advice from Veolia on this?

Vicki: as I noted earlier today, we need 'yes' or 'no' responses from Veolia.

Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NoWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: Mahoney, Sarah <Sarahj.Mahoney@act.gov.au>
Sent: Wednesday, February 14, 2024 4:26 PM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Cc: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Mike,

I have raised this with Veolia who have advised the below,

The sidelift is doing a 6 point to try and turn around here partially because of the parked cars in the street already.

Any excessive turning will cause our tyres to rip up the bitumen and cause excessive wear and tear to our vehicles. I cannot advise without seeing this in practice however my first thoughts would be this is still unacceptable.

Kind regards

Sarah Mahoney

Service Delivery Officer | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate
Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Phone: 02 6207 7367 | Email: sarahj.mahoney@act.gov.au
www.tccs.act.gov.au



From: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Sent: Tuesday, February 13, 2024 11:21 AM
To: Little, Vicki <Vicki.Little@act.gov.au>
Cc: Mahoney, Sarah <Sarahj.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Vicki

How is Veolia collecting in MacArthur Place now? Are they performing 6-point turns? Is this an issue.

If we are already performing a 6-point turn, can we do it to reverse into blocks 25 and 26 (images 1 and 3, see email trail)?

Below is an aerial view of the site and MacArthur Place.



Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NoWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: Stelzig, Mike
Sent: Tuesday, February 6, 2024 3:00 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Diana

A performance-based solution is for selected scenarios where the deemed-to-satisfy criteria of the DCC cannot be applied. Approval of a performance-based solution is not automatic and not every performance-based solution qualifies as one.

- ACT NoWaste does not endorse the 6-point turn in sketch no3 (image 1).
- ACT NoWaste does not endorse reversing 187.5m down Macarthur Place in sketch1 (image 2).
- ACT NoWaste does not endorse reversing into a driveway in front of an unmitigated underground car park thereby blocking the whole driveway (image 3).
- ACT NoWaste does not endorse rolling hoppers in excess of 4m. Image 3 demonstrates a 15m carting distance which exceeds that of the DCC.

It is up to the Applicant to design accordingly and not request dispensation for poor design.

Image 1

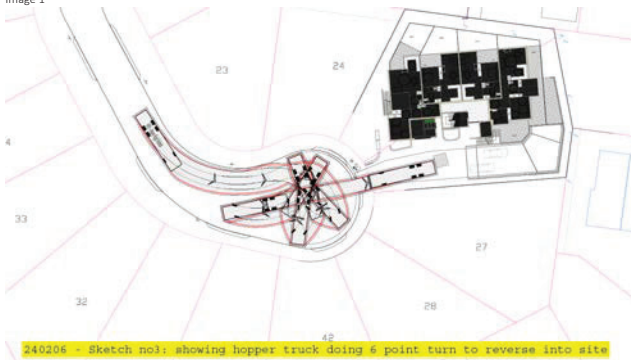
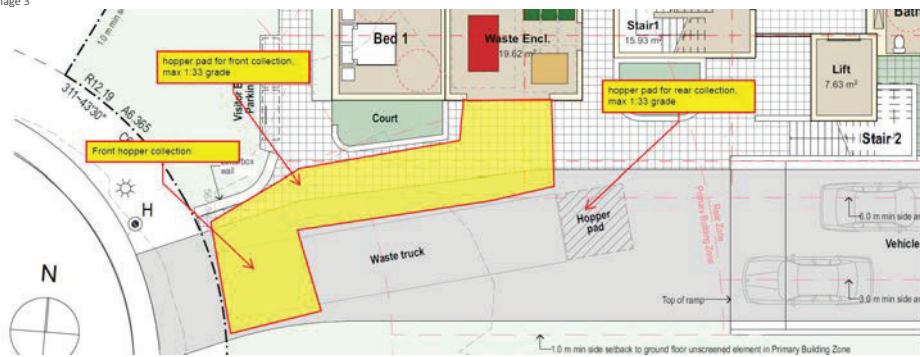


Image 2



Image 3



Kind regards

Mike Stehig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stehig@act.gov.au
ACT NOWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, February 6, 2024 12:37 PM
To: Stehig, Mike <Mike.Stehig@act.gov.au> (image 1)
Cc: Henriquez, Jose <jose.henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Mike,

I have attached the information provided by the applicant showing the performance solution (email below) for the waste management in this site.

Please let me know if I can proceed to organise the meeting to discuss.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



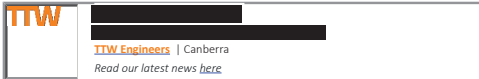
From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <jose.henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Hello,

Ok thank you for consideration.
Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.
If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [Redacted]
Cc: [Redacted]; TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [Redacted]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)
[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.

However, you still are not complying with the number of bins required for this development as per calculation listed below.

1000L waste ÷ 240L = 4.1 = 4

880L recycling ÷ 360L = 2.4 x 2 = 4.888 = 5

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [Redacted] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
 Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
 Development Coordination Branch | Transport Canberra and City Services | ACT Government
 480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [Redacted]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [Redacted]; TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [Redacted]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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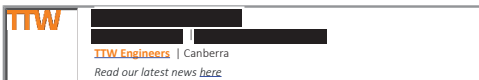
Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used).

In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb.

Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, January 30, 2024 12:26 PM
To: [Redacted]
Cc: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Importance: High

OFFICIAL

Hi [Redacted]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

"An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms".

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1



Image 2

ACT Government
Transport Canberra and City Services

Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0	70	0	
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019
*NR: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
980	1	0	0	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



ACT Government
Transport Canberra and City Services

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

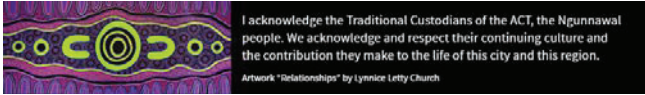
Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | @tccs_act



Connected services for the people of Canberra



From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | F TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | @tccs_act

Connected services for the people of Canberra

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]
[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:
2x 2 bedroom
10x 1 bedroom/studio

Propose to utilise shared MGBs:
Requires 4.166 x 240L waste bins collected weekly
Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:
 $(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$
There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCFWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

[REDACTED]
Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

Regards,

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From: Stelzig, Mike
To: GarciaBermudez, Diana
Cc: Henriquez, Jose
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Monday, 19 February 2024 10:31:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)

OFFICIAL

Hi Diana

Let me make more inquiries.

Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NOWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Monday, February 19, 2024 9:50 AM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Thank you Mike,

Could you please confirm how is the actual waste collection in that street?

Kind Regards,

Diana García Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Sent: Monday, February 19, 2024 9:40 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Diana

I have received advice that Veolia will **not perform a 6-point turn**. Apart from parked cars restricting manoeuvrability, the trucks's tyres will rip up the biyumen and damage the trucks.

Sarah attempted to access the street last week in a regular sized motor vehicle and she had difficulties turning. Imagine a HRV attempting access?

Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NOWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: Stelzig, Mike
Sent: Tuesday, February 6, 2024 3:00 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Diana

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- ACT NoWaste does not endorse rolling hoppers in excess of 4m. Image 3 demonstrates a 15m carting distance which exceeds that of the DCC.

It is up to the Applicant to design accordingly and not request dispensation for poor design.

Image 1

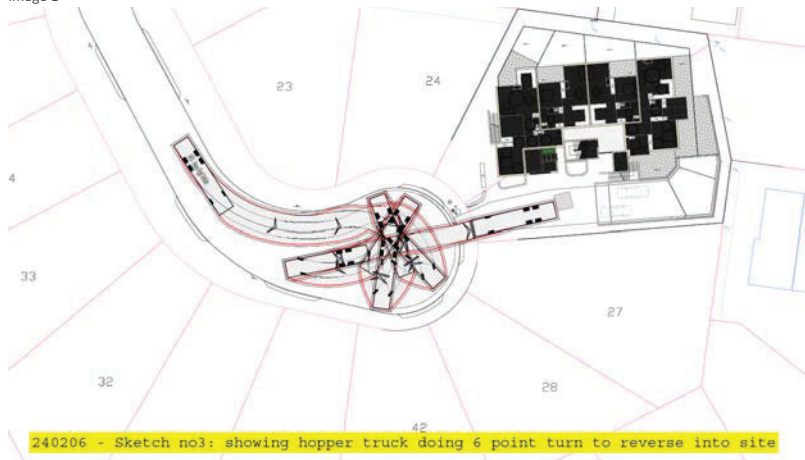
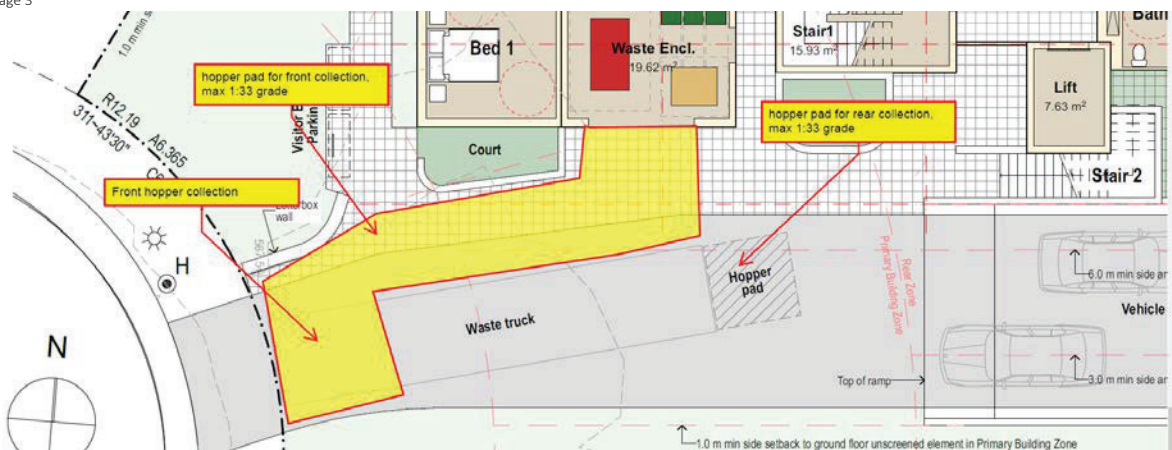


Image 2



Image 3



Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NoWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, February 6, 2024 12:37 PM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au (image 1)>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Mike,

I have attached the information provided by the applicant showing the performance solution (email below) for the waste management in this site.

Please let me know if I can proceed to organise the meeting to discuss.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
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480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
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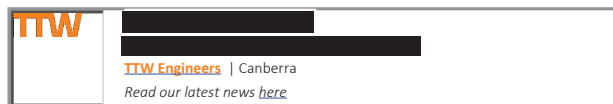
From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: Bryn Challis <bryn@philipleeson.com.au>; TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Hello,

Ok thank you for consideration.
Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.
If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED]; TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.


However, you still are not complying with the number of bins required for this development as per calculation listed below.

1000L waste ÷ 240L = 4.1 = **4**

880L recycling ÷ 360L = 2.4 x 2 = 4.888 = **5**

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1



Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [redacted] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [redacted]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [redacted]; TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

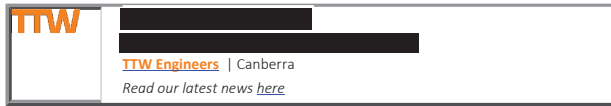
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Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used).

In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb. Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, January 30, 2024 12:26 PM
To: [redacted]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Importance: High

OFFICIAL

Hi [redacted]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

"An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms".

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

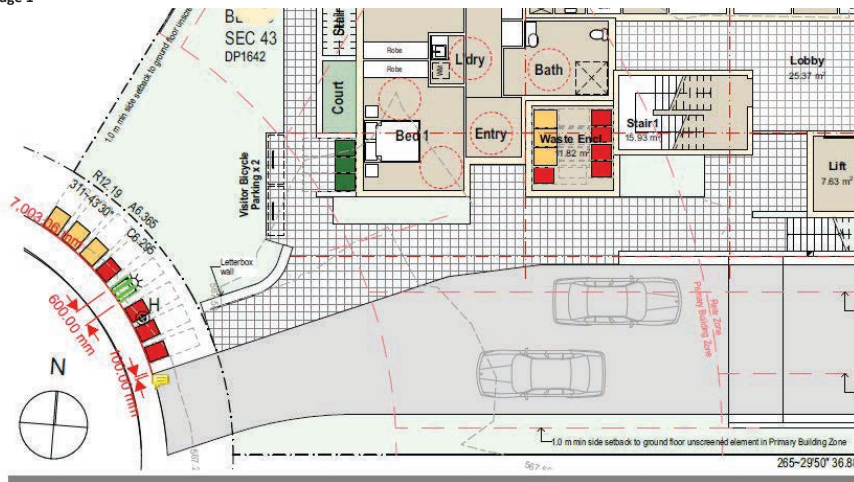


Image 2



**Multi-unit residential development
Shared waste and recycling allocation calculator**

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity	Service frequency*
	1,100L	
980	1	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



ACT
Government
Transport Canberra
and City Services

Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)



Connected services for the people of Canberra



I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church

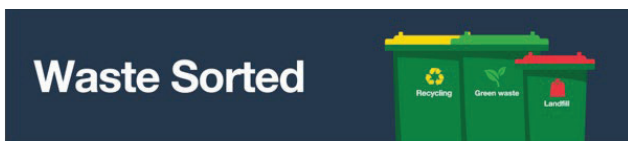
From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS_DCDevelopmentCoordination@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**

480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)

Connected services for the people of Canberra

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]
[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little

Assistant Director | Service Delivery


ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

www.tccs.act.gov.au



From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:

2x 2 bedroom

10x 1 bedroom/studio

Propose to utilise shared MGBs:

Requires 4.166 x 240L waste bins collected weekly

Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCFWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

Regards,

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

From: Stelzig, Mike
To: GarciaBermudez, Diana
Cc: Henriquez, Jose
Subject: FW: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Tuesday, 27 February 2024 3:28:00 PM
Attachments: [image019.png](#)
[image020.png](#)
[image021.png](#)
[image022.png](#)
[image023.png](#)
[image024.png](#)
[image025.png](#)
[image026.png](#)
[image027.png](#)
[image028.png](#)
[image029.png](#)
[image.png](#)
[image001.png](#)

OFFICIAL

Hi Diana

Internal TCCS in-confidence.

As promised, Veolia has come back with a servicing solution. They recommend the tenants or building manager cart the bins up the road

Happy to discuss.



Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NoWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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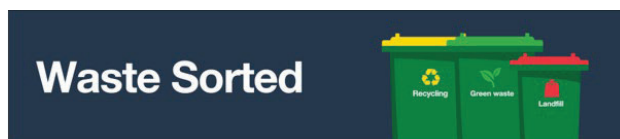
From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, February 27, 2024 2:58 PM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Cc: Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>
Subject: FW: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Mike
See below servicing solution provided by the contractor.
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: [REDACTED]
Sent: Monday, February 19, 2024 12:11 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: Re: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Hi Vicki,

Onsite services are not an option for this property due to the street design. Below is an example where carting distances are met and kerbside space is also met. I recommend making sure that the verge is cleared and a bin pad for the complex is installed.



Kind regards,

[REDACTED]

[REDACTED]
11 Alderson Place, Hume ACT 2620
www.veolia.com/anz

[REDACTED]

[REDACTED]

[REDACTED]

On Mon, 19 Feb 2024 at 10:19, Little, Vicki <Vicki.Little@act.gov.au> wrote:

OFFICIAL

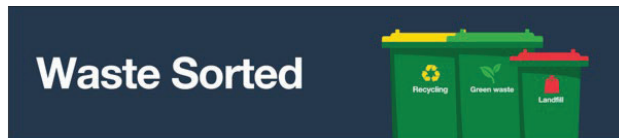
Hi [REDACTED]

I understand that you have advise that Veolia will not be able to services, however can you please advise on a service solution for this site.

Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: Stelzig, Mike
Sent: Tuesday, February 6, 2024 3:00 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Diana

A performance-based solution is for selected scenarios where the deemed-to-satisfy criteria of the DCC cannot be applied. Approval of a performance-based solution is not automatic and not every performance-based solution qualifies as one.

- ACT NoWaste does not endorse the 6-point turn in sketch no3 (image 1).
- ACT NoWaste does not endorse reversing 187.5m down Macarthur Place in sketch1 (image 2).
- ACT NoWaste does not endorse reversing into a driveway in front of an unmitigated underground car park thereby blocking the whole driveway (image 3).
- ACT NoWaste does not endorse rolling hoppers in excess of 4m. Image 3 demonstrates a 15m carting distance which exceeds that of the DCC.

It is up to the Applicant to design accordingly and not request dispensation for poor design.

Image 1

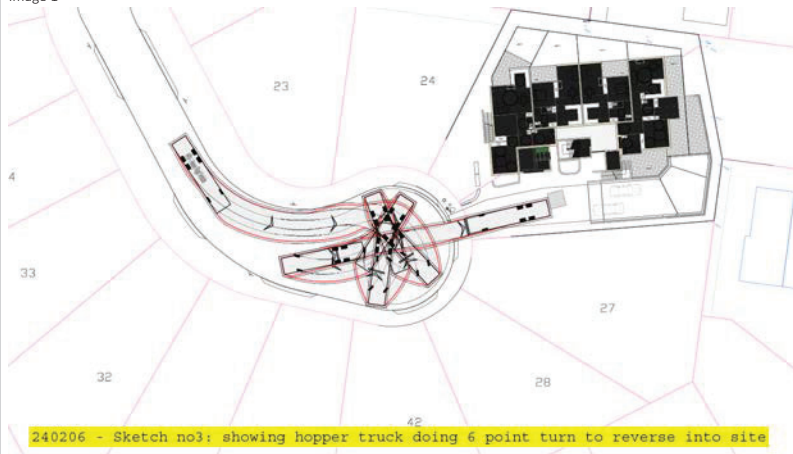


Image 2

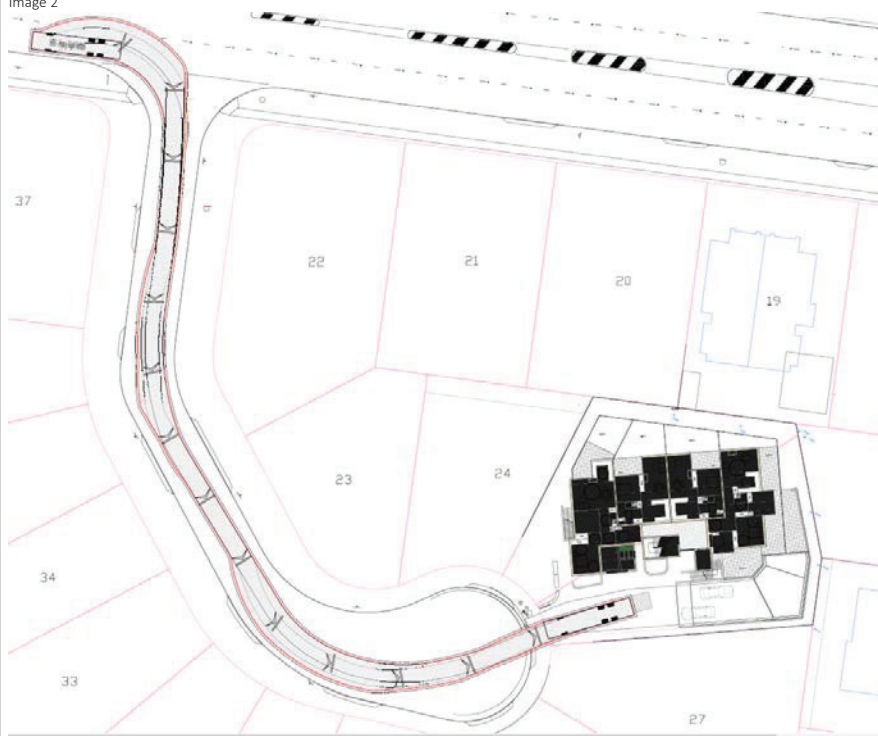
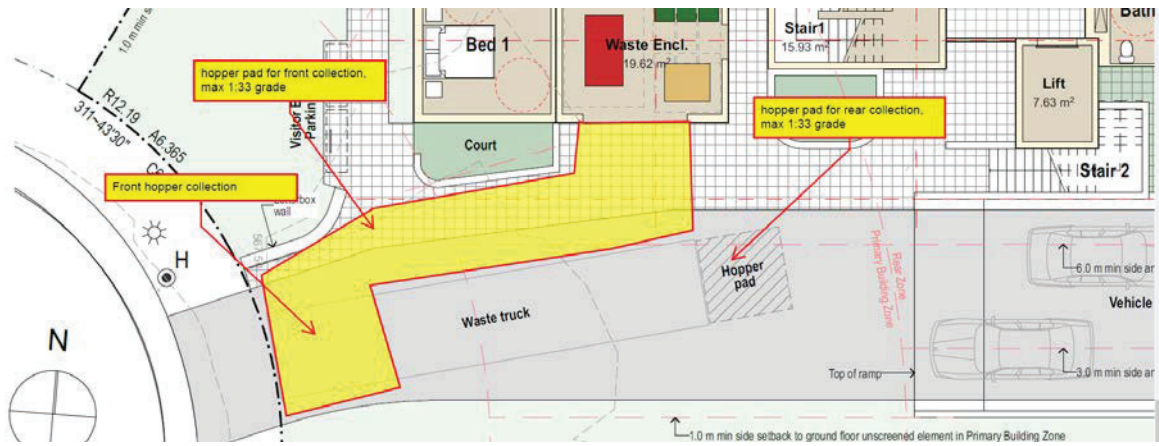


Image 3



Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NOWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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- You should not copy or use it for any purpose, nor disclose its contents to any other person.

From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, February 6, 2024 12:37 PM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au (image 1)u>
Cc: Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi Mike,

I have attached the information provided by the applicant showing the performance solution (email below) for the waste management in this site.

Please let me know if I can proceed to organise the meeting to discuss.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.
If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,

TTW

[REDACTED]
[REDACTED]
TTW Engineers | Canberra
[Read our latest news here](#)

From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]

Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.


However, you still are not complying with the number of bins required for this development as per calculation listed below.

$$1000L \text{ waste} \div 240L = 4.1 = 4$$

$$880L \text{ recycling} \div 360L = 2.4 \times 2 = 4.888 = 5$$

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1



ACT Government
Transport Canberra and City Services

Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [REDACTED] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED]; TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe. [Learn why this is important](#)

Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used). In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb. Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,

TTW

[REDACTED]
[REDACTED]
TTW Engineers | Canberra
[Read our latest news here](#)

From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, January 30, 2024 12:26 PM

To: Chu, Sam <Sam.Chu@act.gov.au>
 Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
 Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
 Importance: High

OFFICIAL

Hi [REDACTED]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

"An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms".

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

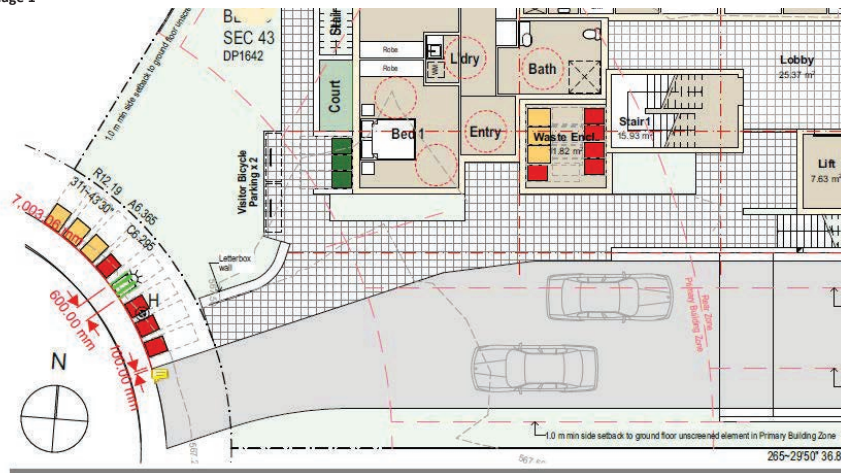


Image 2



**Multi-unit residential development
Shared waste and recycling allocation calculator**

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m³	2 m³	3m³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m³	2 m³	3m³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity		Service frequency*
	1,100L		
980	1		Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
 Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au

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ACT
Government

Transport Canberra
and City Services

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)



Connected services for the people of Canberra



I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au

Waste Sorted



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
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Connected services for the people of Canberra

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Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]
[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au

From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:

2x 2 bedroom
10x 1 bedroom/studio

Propose to utilise shared MGBs:

Requires 4.166 x 240L waste bins collected weekly
Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

.

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.

If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.

And on performance solution of reduced bins.

Regards,

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

From: [REDACTED]
To: GarciaBermudez, Diana
Cc: [REDACTED] TCCS_DC DevelopmentCoordination; Little, Vicki; Mahoney, Sarah; Henriquez, Jose; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Thursday, 29 February 2024 9:20:07 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[ttwemailsignature.jpg_5698af16-5816-4e5c-8dfa-c2371491fc7b.png](#)

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Hello,

Any update on the below?

Regards,



From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.

If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,

From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognise the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.

However, you still are not complying with the number of bins required for this development as per calculation listed below.

1000L waste ÷ 240L = 4.1 = **4**

880L recycling ÷ 360L = 2.4 x 2 = 4.888 = **5**

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1



Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

*10: Standard Allocation rates as of 1 February 2020

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [redacted] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
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From: [redacted]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [redacted] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [redacted]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used). In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb. Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

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TTW Engineers | Canberra
[Read our latest news here](#)

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Sent: Tuesday, January 30, 2024 12:26 PM

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Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

Importance: High

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Hi [REDACTED]

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Image 1

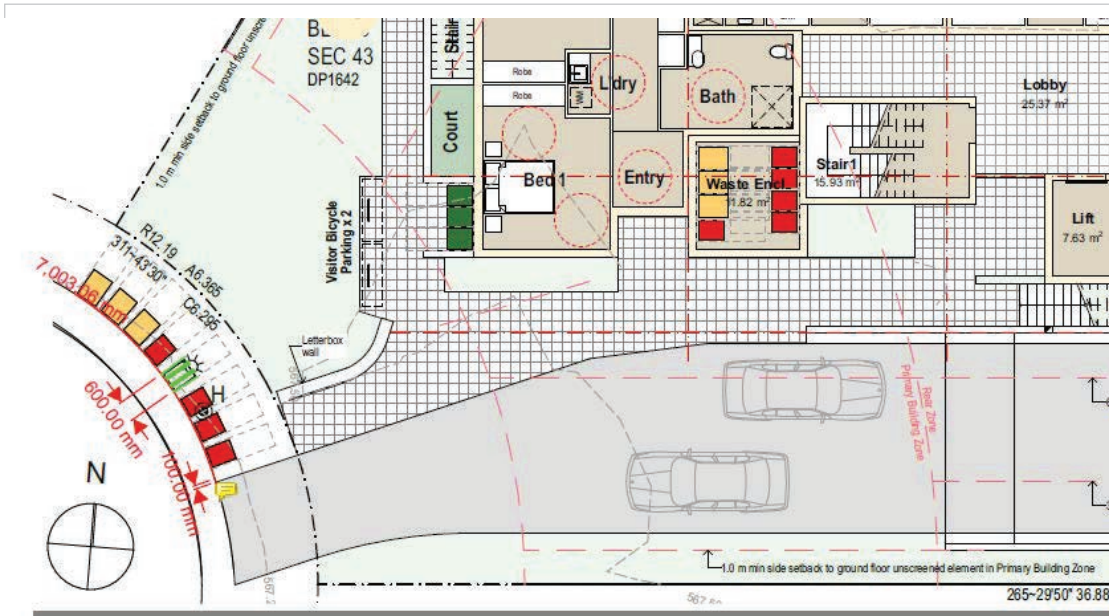


Image 2



**Multi-unit residential development
Shared waste and recycling allocation calculator**

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Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
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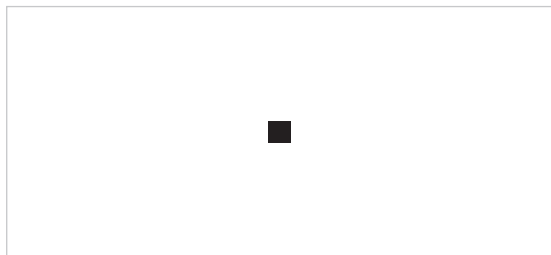
Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity	Service frequency*
	1 100L	
980	1	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

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Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

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Please let me know if you require anything further.

Many thanks,

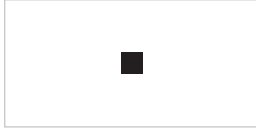
Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au

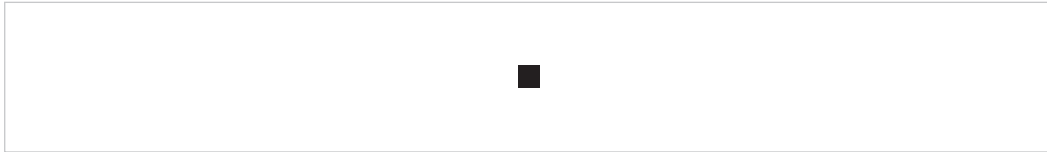
Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government

480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

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Connected services for the people of Canberra



From: Little, Vicki <Vicki.Little@act.gov.au>

Sent: Tuesday, January 23, 2024 1:44 PM

To: [REDACTED]

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]

FYI

Kind regards

Vicki Little

Assistant Director | Service Delivery

ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

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Waste Sorted



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P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
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Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]
[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

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GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
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Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

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Kerbspace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

- [REDACTED]

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

Regards,

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From: [GarciaBermudez, Diana](#)
To: [Henriquez, Jose](#); [Stelzig, Mike](#); [REDACTED]
Cc: [TCCS_DC_DevelopmentCoordination](#)
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Attachments: [image001.png](#)

Hi Team,

Please accept the invitation to this meeting to discuss the waste collection options of this project.

If you have any comment or if you need more information, please let me know.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,

Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au <<mailto:Diana.GarciaBermudez@act.gov.au>>

Development Coordination Branch | Transport Canberra and City Services | ACT Government

480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601

www.cityservices.act.gov.au <<http://www.cityservices.act.gov.au>> | www.transport.act.gov.au <<http://www.transport.act.gov.au>>

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Meeting ID: 430 393 845 723

Passcode: inMh3K

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From: [Stelzig, Mike](#)
To: [TCCS_DC Development Coordination](#); [GarciaBermudez, Diana](#); [Henriquez, Jose](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Friday, 5 April 2024 8:17:00 AM
Attachments: [image002.png](#)
[image003.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)
[image012.png](#)
[image013.png](#)
[image014.png](#)
[239126-TTW-00-DR-CT-12011-A.pdf](#)
[WRMP form \(Shared multi-unit\).pdf](#)

OFFICIAL

Hi Diana

This is **not** what we discussed at our meeting with [REDACTED]

We discussed that:

- the Applicant may explore carting shared MGBs to the kerb further up the road.
- the furthest an MGBs can be carted is 75m from the waste enclosure to the furthest MGB.
- the Applicant to identify the best spot to present the MGBs and investigate what properties also present their MGBs there as not to overcrowd the kerb with MGBs.
- the Applicant to identify the address(es) where the MGBs will be presented.
- The Applicant to provide ACT NoWaste with the details (addresses) so that we might inform the owners [REDACTED] that MGBs from another property will be presented in front of their property.
- We also discussed that there's a mechanism (but I don't remember the details) where the Applicant requests that the location of the MGBs are documented somehow/somewhere.

There is no explanation in the documentation why that particular spot was chosen. The Applicant did not provide an address where the MGBs shall be presented, no details of other MGBs that might be presented there and we don't know the carting distances. No investigation was done and it appears that [REDACTED] merely threw a dart to determine the location and did not consider what was discussed at the meeting.

Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NOWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

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From: [REDACTED]
Sent: Thursday, April 4, 2024 4:31 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC Development Coordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

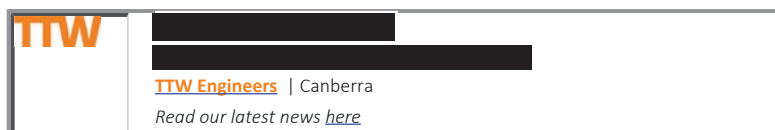
Some people who received this message don't often get email from [REDACTED] [Learn why this is important](#)

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Hello,

Please see attached documentation for waste performance solution as discussed. Explanation in waste form.
Let me know if there is anything else you require.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Thursday, March 7, 2024 4:08 PM
To: [REDACTED]

Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

The proposed performance-solution of reverse in access to site and onsite hopper collection has not been approved.

However, as discussed in the meeting this morning, you can explore other options for a new performance-solution to allocate the bins along the kerb.

If you have any comment or if you need more information, please do not hesitate to contact me.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

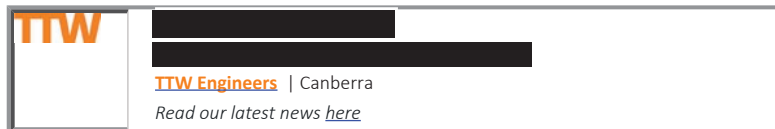
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Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.
If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.


However, you still are not complying with the number of bins required for this development as per calculation listed below.

1000L waste ÷ 240L = 4.1 = **4**

880L recycling ÷ 360L = 2.4 x 2 = 4.888 = **5**

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1



ACT
Government
Transport Canberra
and City Services

Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

*ACT Government website as of 14 February 2024

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [redacted] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [redacted]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [redacted] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [redacted]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

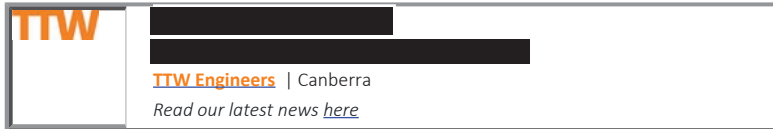
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Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used). In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb.

Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>

Sent: Tuesday, January 30, 2024 12:26 PM

To: [Redacted]

Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query
TTW_239126

Importance: High

OFFICIAL

Hi [Redacted]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

"An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms".

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

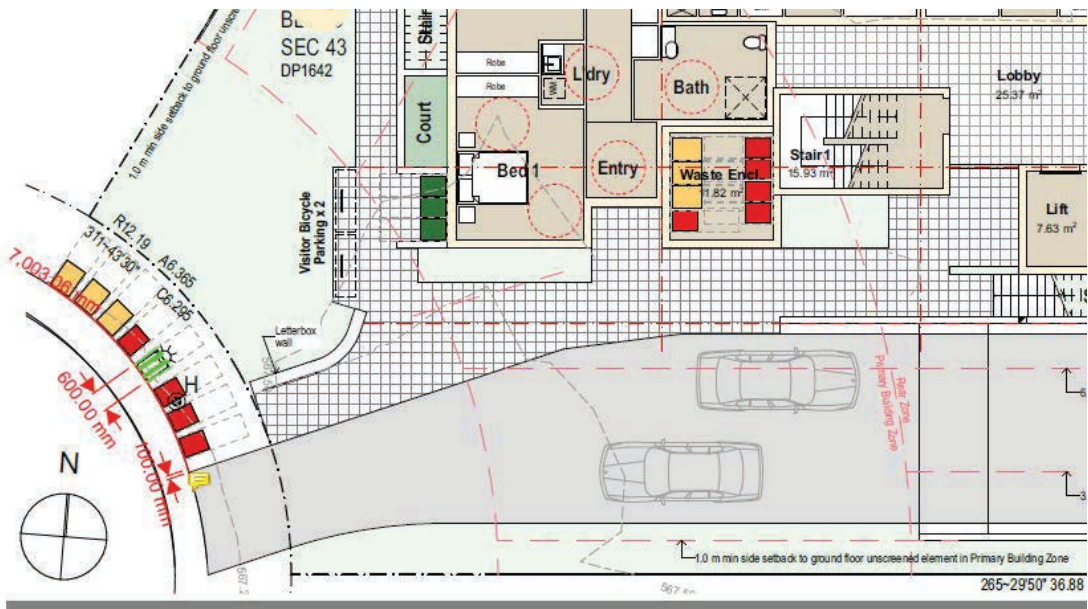


Image 2



Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity	Service frequency*
	1,100L	
980	1	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



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From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**

480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

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and City Services

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I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church



From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
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From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]

[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little

Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



From: [REDACTED]
Sent: Wednesday, December 13, 2023 3:49 PM
To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:
2x 2 bedroom
10x 1 bedroom/studio

Propose to utilise shared MGBs:
Requires 4.166 x 240L waste bins collected weekly
Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:
 $(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$
There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:
-[REDACTED]

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.

And on performance solution of reduced bins.

Regards,

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NOT FOR CONSTRUCTION

Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date
A	FOR INFORMATION		04.04.2024				

Client	
Project	PROPOSED MUL TI-UNIT HOUSING BLOCKS 258&26 SECTION 43 O'CONNOR, ACT 2602
Drawing Title	WASTE MANAGEMENT PLAN
Scale	A1
Author	
Checked	
Approved	
Project No	239126-TTW-00-DR-CI-12011-A
Originator	TTW
Zone	
Type	
Rev	
Date	04.04.2024 4:15 PM

Structura
Civil
Traffic
Facade
TTW
312 6285 1766 | Level 6, 224 Bunda St, Canberra City, ACT 2602



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

PROJECT APPLICATION DETAILS – COVER SHEET

This section of the Waste and Recycling Management Plan must be completed by all applicants when lodging a submission for a Development Application, Design Acceptance, or Operational Acceptance.

Note: The Submission must be complete and include **all the elements for the WRMP** TCCS will not accept incomplete Submissions or Submissions from individual consultants for separate elements of the WRMP. Assessment will not commence until a complete Submission has been received.

SITE DETAILS

Project Title: Blocks 25&26, Section 43, O'Connor Development

Description: Multi-unit Development

DEVELOPER'S/CLIENT'S DETAILS

Name of entity:

Contact Person:

Address:

Phone Number:

E-mail:

APPLICANT'S DETAILS

Company name: Taylor Thomson Whitting

Contact Person: [REDACTED]

Address: Level 5 224 Bunda Street, ACT

Phone Number: [REDACTED]

Email: [REDACTED]@[REDACTED].[REDACTED].[REDACTED]

LODGEMENT STAGE

Development Application: Yes No N/A

Design Acceptance: Yes No N/A

Operational Acceptance: Yes No N/A

PROJECT DETAILS (CHECK ALL RELEVANT BOXES)

Single Dwelling and Dual Occupancy Dwellings

Multi-unit residential development – individual MGBs with kerbside collection (Section 2.1a)

Multi-unit residential development – shared MGBs with kerbside collection (Section 2.1b)

Multi-unit residential development – bins with on-site collection (Section 2.1c)

Commercial, public and industrial development (Section 2.2)

Mixed-use development (Sections 2.1 and 2.2)

Demolition, Excavation and Construction (Section 3)

WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

PROJECT APPLICATION DETAILS – COVER SHEET

The Cover Sheet Checklist provides a brief overview of the Submission. All relevant WRMP forms and associated documentation must also be submitted with this application. The Design Solution will be either Performance-based (Perf) or Deemed-to-Satisfy (DtS) – if a combination of both then select Performance.

CHECKLIST						
WASTE MANAGEMENT COMPONENT (DCC Reference)	DESIGN SOLUTION		COMPLIANT (check one box)			
	Perf	DtS	Yes	No	N/A	Office use
Performance solutions approved at Pre-Application stage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-standard collection requiring ACT NoWaste approval	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indoor storage spaces for each dwelling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Path of travel from dwelling to waste enclosure or <i>designated collection point</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Path of travel from waste enclosure to <i>designated collection point</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Facilities and path of travel are <i>accessible</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste service compartments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance of <i>chutes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
On-site storage facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compaction equipment – includes <i>compactors</i> and <i>bin compactors</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ancillary waste equipment – bin lifters, <i>carousels</i> etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loading areas or <i>designated collection points</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unobstructed kerb space at <i>designated collection points</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal circulation roadways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Swept path</i> clearances – certified by qualified engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vertical and horizontal clearances, including trees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operations management plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Mixed use</i> – separation of residential and non-residential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – type/volume or tonnage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – on-site/off-site management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – vehicle access	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supporting drawings and documentation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Submission requirements</i> addressed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Work As Executed</i> records (Operational Acceptance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

Controls for these developments are included in Part 3.2.5 and Part 3.5 of the DCC. Submission requirements are stated in Part 3.5.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 OF DCC – INDOOR WASTE AND RECYCLING STORAGE SPACE

Location and dimensions of indoor waste and recycling storage space for each dwelling type

(Provide tabulated calculations of the total waste and recycling generated per week as per Table A4.2)

Description

Drawing
Reference
Numbers

Development satisfies control C1 of the DCC: Yes No

NOT APPLICABLE

CONTROL C2 – EXTERNAL WASTE, RECYCLING AND GREEN WASTE STORAGE AREA

Location and dimensions of waste, recycling and green waste storage area

(Refer to **Table 3.3** for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development. Refer to **A4.3** and www.tccs.act.gov.au/recycling-and-waste/collection/green-bin-program for green waste storage requirements, if applicable for this development)

Description

Drawing
Reference
Numbers

Development satisfies control C2 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

PATH OF TRAVEL

CONTROL C3 – ACCESSIBLE PATH OF TRAVEL

Path of travel for moving bins from the waste, recycling and green waste storage area to the designated collection point.

(Refer to R2.3 of Table 3.3 for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

[Empty text box for details]

NOT APPLICABLE

DESIGNATED COLLECTION POINT

CONTROL C4 AND C5 – DESIGNATED COLLECTION POINT (KERBSIDE)

Location of designated collection point (kerbside), including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside

(Refer to R2.4 of Table 3.3 for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C4 and C5 of the DCC: Yes No

Provide detail if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

[Empty text box for details]



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how *residential* and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential waste* and recycling bins

(Refer to **R4** of **Table 5.2** for mandatory submission requirements).

Description

Drawing
Reference
Numbers

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and propose alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(b) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBs COLLECTED AT KERBSIDE)

Controls for these developments are included in Part 3.2.4 and Part 3.6 of the DCC. Submission requirements are stated in Part 3.6.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 – INDOOR WASTE AND RECYCLING STORAGE SPACE

Generation of waste and recycling for each dwelling type

(Provide tabulated calculations per dwelling type per week, as per **Table A4.2**)

Description Storage is provided in the kitchen for each dwelling, satisfying minimum 1 day storage requirement as per Part 7.2.1. Generation rates as per WRMP for 1 bedroom or study units and 2 bedroom units

**Drawing
Reference
Numbers**

Development satisfies control C1 of the DCC:



Yes



No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

CONTROL C6 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITY

Location and dimensions of waste and recycling storage facility or mini-enclosure

(Refer to **Table 3.3** for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development. Refer to **A4.3** and www.tccs.act.gov.au/recycling-and-waste/collection/greenbin-program for green waste storage requirements, if applicable to this development)

Description MGB stored in mini enclosures, with kerbside collection.

**Drawing
Reference
Numbers** 12011

Development satisfies control C6 of the DCC:



Yes



No

Development satisfies Part 7.2.3 or 7.2.4 or both of the DCC



Yes



No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(B) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBS COLLECTED AT KERBSIDE)

PATH OF TRAVEL

CONTROL C7 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel for carrying waste and recyclables and for moving bins between the *waste and recycling storage facility or minienclosure* and: (i) the entrance of each dwelling; and (ii) the *designated collection point*

(Refer to **Table 3.5** for mandatory submission requirements)

Description

Path of travel information from dwelling to enclosure illustrated on 12011 with all grades, travel distances, and clearances to obstructions such as gates are deemed to satisfy.
Performance solution: Building management carts bins from enclosure to kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Indicatively shown on 12011.

Drawing

Reference

Numbers

Development satisfies control C1 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Performance solution: Building management carts bins from enclosure to kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Indicatively shown on 12011.

OPERATIONS MANAGEMENT PLAN

CONTROL C8 – OPERATIONS MANAGEMENT PLAN

Description of the process to present bins for collection and to return bins to the waste and recycling storage facilities. Include documentation to be presented to the *owners corporation*.

Description

Waste is collected weekly, recycling is collected fortnightly, green waste alternate fortnights as per Table A4.1. As per above, building management present bins, and returns them to enclosure same day.
Noting there is additional storage of 1x recycling and 1x waste in the enclosure for use whilst bins are out for collection

Development satisfies control C8 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(b) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBs COLLECTED AT KERBSIDE)

COLLECTION POINT

CONTROL C9 AND C10 – DESIGNATED COLLECTION POINT (KERBSIDE)

Location of *designated collection point (kerbside)*, including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside

Description Performance Solution: The designated collection point is shown on 12011, utilising kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Indicatively shown on 12011.

Drawing Reference Numbers

Development satisfies control C9 and C10 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Performance Solution: The designated collection point is shown on 12011, utilising kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Indicatively shown on 12011.

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how *residential* and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential* waste and recycling bins

Description

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

Controls for these developments are included in Part 3.2.4 and Part 3.7 of the DCC. Submission requirements are stated in Part 3.7.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 – INDOOR WASTE AND RECYCLING SPACE

Generation of waste and recycling for each dwelling type

(Provide tabulated calculations per dwelling type per week, as per **Table A4.2**)

Description

Drawing
Reference
Numbers

Development satisfies control C1 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

CONTROL C11 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITIES

Location and dimensions of external waste and recycling storage facilities

(Provide calculations to demonstrate adequacy of space, including dimensions, cross-sections and height of the waste and recycling storage facility. Refer to Table 3.8 for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development)

Description

Drawing
Reference
Numbers

Development satisfies control C11 of the DCC: Yes No

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

Development satisfies Part 7.2.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

How will waste be transferred from each dwelling to external storage area?

Description

Drawing
Reference
Numbers

PATH OF TRAVEL

CONTROL C12 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel for carrying waste and recyclables and for moving bins between the waste and recycling storage facilities or waste service compartments and: (a) the entrance to each dwelling; and (b) the *designated collection point*

(Provide plan of travelling distance, clearance and gradients. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C12 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

MULTI-UNIT DEVELOPMENTS – WASTE AND RECYCLING CHUTES, COMPACTION EQUIPMENT ETC COMPLETE EITHER CONTROL C13 OR C14 OR C15

CONTROL C13 – CONVENIENT ACCESS TO WASTE SERVICES – 3 RESIDENTIAL FLOORS OR LESS

Location and details of any waste service compartments and other waste and recycling equipment that form part of the waste management system

(Provide calculations to demonstrate adequacy of space. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C13 of the DCC: Yes No

Development satisfies Part 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

CONVENIENT ACCESS (CONTINUED) – COMPLETE EITHER CONTROL C13 OR C14 OR C15

CONTROL C14 – CONVENIENT ACCESS – 4 RESIDENTIAL FLOORS AND ABOVE

Location and details of any waste service compartments and other waste and recycling equipment that form part of the waste management system

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Location and details of any waste and recycling chutes

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C14 of the DCC: Yes No

Development satisfies Part 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

COLLECTION POINT

CONTROL C15 – DESIGNATED COLLECTION POINTS

Location of *designated collection points or hopper pads*

(Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C15 of the DCC:

Yes

No

Development satisfies Part 7.2.3 or 7.4 or both:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

VEHICULAR ACCESS

CONTROL C16 – UNOBSTRUCTED ACCESS TO DESIGNATED COLLECTION POINTS

Path of travel for collection vehicles (if collection occurs on site)

(Provide details of travelling distance; clearance in all directions; loading heights and widths; and turning and manoeuvring paths, ramp access, clearances, gradients and pavement details including compliance with **AS2890.1-2004**. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C16 of the DCC:

Yes

No

Development satisfies Appendix 7 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how residential and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential waste and recycling bins*

(Refer to **R4** of **Table 5.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

Controls for these developments are included in Part 4 of the DCC. Submission requirements are stated in Part 4.4. Where appropriate, provide details on plans to support your application.

- Development applications for new commercial, public or industrial developments
- Development applications for alterations or additions to existing commercial, public or industrial development if there is an effect on the provision of waste and recycling management
- Development applications for new mixed-use developments involving commercial, public or industrial development.

WASTE AND RECYCLING GENERATION

CONTROL C17 – WASTE AND RECYCLING GENERATION

Waste and recycling generated by each proposed activity within the development, including quantities, bin types and storage requirements

DESCRIPTION						
Premises Type	Floor Area (m2)	Generation Rate		Waste (L/week)	Recycling (L/week)	Number of Bins and Sizes
		Waste	Recycling			

In completing this table, refer to Appendix 5 – Waste and Recycling Generation Rates for Commercial, Public and Industrial Developments

Development satisfies Appendix 4, if includes residential component Yes No N/A

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

WASTE AND RECYCLING STORAGE FACILITIES

CONTROL C17 AND C18 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITIES

Location of *individual waste and recycling storage facilities (C18)* including any *waste and recycling storage sections (C17)* and *refrigerated waste storage for the entire development*

(Provide calculations to demonstrate adequacy of space. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C17 and C18 of the DCC:

Yes

No

Development satisfies Appendix 5 of the DCC:

Yes

No

Development satisfies Part 7.2.3 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

PATH OF TRAVEL

CONTROL C19 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel from the point of origin or holding area to the *waste and recycling storage facilities*

(Provide details of clearances, gradients and mitigation of odour and noise impacts. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C19 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

DESIGNATED COLLECTION POINT

CONTROL C20 – DESIGNATED COLLECTION POINT

Location of *designated collection points or hopper pads or both*
(Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing Reference Numbers

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Path of travel for moving bins from waste and recycling storage facilities to the designated collection point
(Provide plan of travelling distance, clearance and gradients. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing Reference Numbers

Path of travel for collection vehicles (if collection occurs on site)

(Provide details of travelling distance, clearance, turning and manoeuvring paths, ramp access and pavement details to demonstrate compliance with TCCS Design Standards of Urban Infrastructure and the DCC)

Description

Drawing Reference Numbers

Development satisfies control C20 of the DCC: Yes No

Development satisfies Appendix 7 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

CONTROL C18 – WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

Location and details of any waste chutes

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Location and details of any waste and recycling service lifts

(Provide calculations to demonstrate adequacy of equipment)

Description

Drawing
Reference
Numbers

Location and details of any waste compaction equipment

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 4.2**, in particular **R2.7** and **R2.8**, for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C18 of the DCC: Yes No

Development satisfies Appendix 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE

Requirements for these developments are included in Part 6 of the DCC. Submission requirements are stated in Part 6.6 of the DCC. Where appropriate, provide details on plans to support your application.

Note: A WRMP is **not** required unless the proposed demolition or excavation activities generate more than 20m³ of waste for the whole development.

This section applies to the following:

- Demolition – All Development applications involving demolition where the quantity of demolition material will be greater than 20m³ for the whole development
- Excavation – All Development applications involving excavation where the quantity of excavated material will be greater than 20m³ for the whole development
- Development applications for new mixed-use developments that include multi-unit residential developments.

WASTE TYPES AND QUANTITIES

CONTROL C24 – DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE TYPES AND QUANTITIES

Specify demolition, excavation and construction waste materials by type and volume or tonnage

This information can be shown in **Table 3.1** (Demolition Waste) or **Table 3.2** (Construction Waste) or both which can be found over leaf. Refer to **Table 6.2** for mandatory submission requirements.

Description To be determined at later stage by contractor.

ON-SITE MANAGEMENT OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE

CONTROL C25 – ON-SITE MANAGEMENT OF WASTE

Nominate on-site sorting and storage areas for demolition, excavation and construction waste materials.

Show these details on a draft site plan

(Refer to **Table 6.2** for mandatory submission requirements)

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Describe the work method, practices and specific procedures to be adopted to maximise the reuse and recycling of waste materials

(Refer to **Table 6.2**, in particular **R2.2**, for mandatory submission requirements)

Description To be determined at later stage by contractor.



ACT
Government

Transport Canberra
and City Services

WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 3 – DEMOLITION, EXCAVATION AND CONSTRUCTION

Identify access for demolition and construction waste collection vehicles

(Refer to **Table 6.2** for mandatory submission requirements)

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Details of waste or recycling storage containers, or both, to be stored outside leased boundaries

(Separate approval is required from Public Land Use, City Services (via Access Canberra Phone 132 881))

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Development satisfies control C25 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



RESUSE AND RECYCLING OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE

CONTROL C18 – WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

Details of reuse and recycling potential (on-site or off-site, or both) for demolition, excavation and construction waste

Description

*This information can be shown in **Table 3.1** (Demolition Waste) or **Table 3.2**, or both (Construction Waste).*

***Tables 3.1 and 3.2** are over leaf.*

To be determined at later stage by contractor.

Drawing
Reference
Numbers

Name and location of approved licensed sites for recycling, or reprocessing, or landfill, or all of these, for the disposal of demolition, excavation and construction waste materials

Description

*This information can be shown on **Table 3.1** (Demolition Waste) or **Table 3.2**, or both (Construction Waste).*

***Tables 3.1 and 3.2** are over leaf.*

To be determined at later stage by contractor.

Development satisfies control C25 of the DCC: Yes No

TABLE 3.1 – DEMOLITION WASTE

Type of Material Generated	ON-SITE				OFF-SITE				DISPOSAL AT LANDFILL								
	Estimated		Actual (to be provided at WAE)		Proposed Reuse and Recycling On-site		Estimated		Actual (to be provided at WAE)		Name of Landfill Site		Estimated		Actual (to be provided at WAE)		
	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	
Excavation Material	To be determined at later stage by contractor.																
Bricks																	
Concrete																	
Timber (specify)																	
Plasterboard/Gyprock																	
Metals (specify)																	
Cardboard																	
Plastics																	
Mixed Waste																	
Other (specify)																	
Total																	
Percentage of Total																	

TABLE 3.2 – CONSTRUCTION WASTE

Type of Material Generated	ON-SITE				OFF-SITE				DISPOSAL AT LANDFILL								
	Estimated		Actual (to be provided at WAE)		Proposed Reuse and Recycling On-site		Estimated		Actual (to be provided at WAE)		Name of Landfill Site		Estimated		Actual (to be provided at WAE)		
	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	
Excavation Material	To be determined at later stage by contractor.																
Bricks																	
Concrete																	
Timber (specify)																	
Plasterboard/Gyprock																	
Metals (specify)																	
Cardboard																	
Plastics																	
Mixed Waste																	
Other (specify)																	
Total																	
Percentage of Total																	

From: [REDACTED]
To: GarciaBermudez, Diana
Cc: TCCS_DC DevelopmentCoordination; Stelzig, Mike; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Friday, 12 April 2024 3:54:27 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
image007.png
image008.png
image009.png
ttwemailsignature.jpg_5698af16-5816-4e5c-8dfa-c2371491fc7b.png
239126-TTW-00-DR-CT-12011-C.pdf

Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe. [Learn why this is important](#)

Hello Diana,

Just updated the waste plan to specify the mechanical assistance type in the note. See attached, all other attachments remain same as previous email.

Regards,

TTW

[REDACTED]
[REDACTED]
TTW Engineers | Canberra
[Read our latest news here](#)

From: [REDACTED]
Sent: Friday, April 12, 2024 3:44 PM
To: 'GarciaBermudez, Diana' <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

Hello,

Responses in red

- Carting distances as the furthest an MGBs can be carted is 75m from the waste enclosure to the furthest MGB. Please provide updated plan showing the distances. Plans updated. Max carting distance for residents is below 75m. Max carting distance for building management is also under 75m, but to note it is my understanding that there is no requirement for building management carting distance to be under 75m.
- You need to identify the best spot to present the MGBs and investigate what properties also present their MGBs there as not to overcrowd the kerb with MGBs. Site investigation was undertaken in morning of bin collection day. It was observed that the verges of 84 and 86 Macarthur place were the best clear locations to place MGBs for the proposed development as they had excess space to fit the proposed developments bins. Please see attached photograph.
- Therefore, you need to provide property details (addresses) so that we might inform the owners [REDACTED] that MGBs from another property will be presented in front of their property as shown in Image 1 below. 84 and 86 Macarthur Place are the addresses of the verges affected. [REDACTED]
- As mentioned, Building Management will cart the bins, however, please provide the information of which mechanism will be used. Plans updated (mechanical assistance by building management)

Let me know if there is anything else you require.

Regards,

From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Monday, April 8, 2024 12:29 PM
To: [REDACTED]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

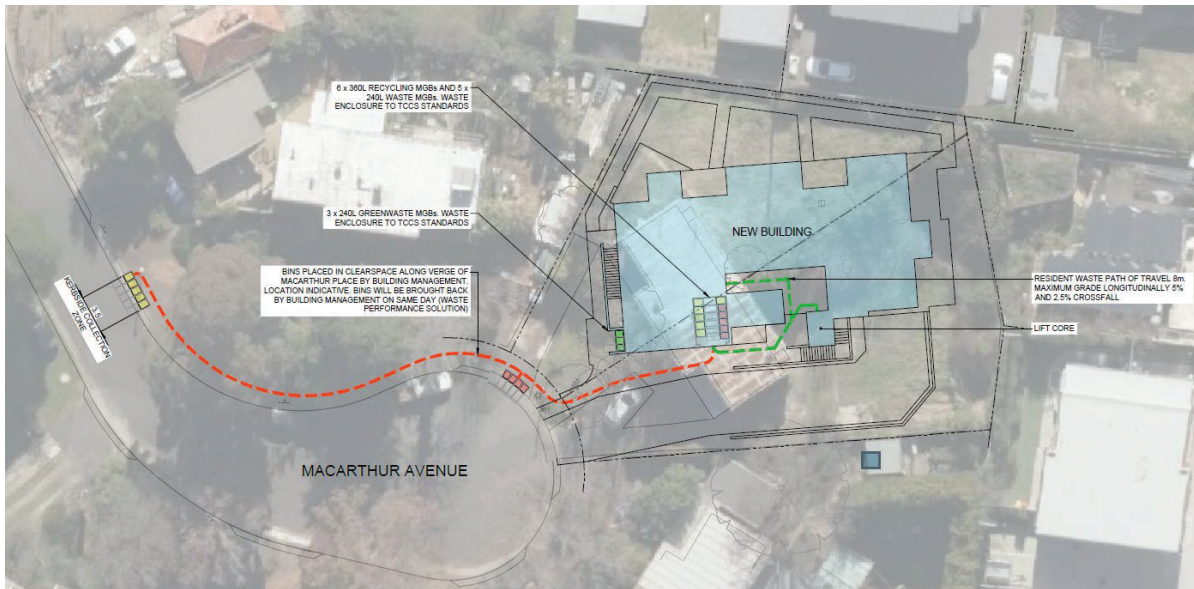
OFFICIAL

Hi [REDACTED]

As discussed at the meeting, you need to provide all the information about the MGB's to be carted, including the following:

- Carting distances as the furthest an MGBs can be carted is 75m from the waste enclosure to the furthest MGB. Please provide updated plan showing the distances.
- You need to identify the best spot to present the MGBs and investigate what properties also present their MGBs there as not to overcrowd the kerb with MGBs.
- Therefore, you need to provide property details (addresses) so that we might inform the owners [REDACTED] that MGBs from another property will be presented in front of their property as shown in Image 1 below.
- As mentioned, Building Management will cart the bins, however, please provide the information of which mechanism will be used.

Image 1



If you have any comment or question, please do not hesitate to contact me.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Thursday, April 4, 2024 4:31 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

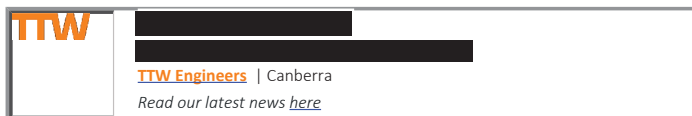
Some people who received this message don't often get email from [REDACTED] [Learn why this is important](#)

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Hello,

Please see attached documentation for waste performance solution as discussed. Explanation in waste form.
Let me know if there is anything else you require.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Thursday, March 7, 2024 4:08 PM
To: [REDACTED]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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OFFICIAL

Hi [REDACTED]

The proposed performance-solution of reverse in access to site and onsite hopper collection has not been approved.

However, as discussed in the meeting this morning, you can explore other options for a new performance-solution to allocate the bins along the kerb.

If you have any comment or if you need more information, please do not hesitate to contact me.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Tuesday, February 6, 2024 12:12 PM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

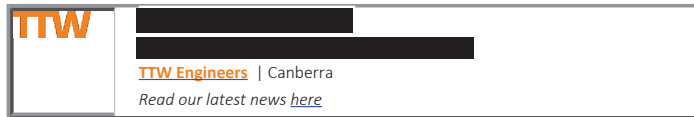
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Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.
If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Wednesday, January 31, 2024 4:28 PM
To: [REDACTED]
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [REDACTED]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.

However, you still are not complying with the number of bins required for this development as per calculation listed below.

$$1000L \text{ waste} \div 240L = 4.1 = 4$$

$$880L \text{ recycling} \div 360L = 2.4 \times 2 = 4.888 = 5$$

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with [redacted] one you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: Daniel Cortijo <Daniel.Cortijo@ttw.com.au>
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [redacted] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [redacted]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

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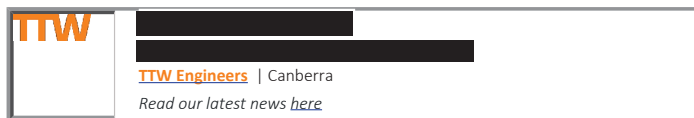
Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are "1 bedroom or studio" generation rates and not "1 bedroom with separate room for a study" generation rates (As you have used).

In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb.

Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, January 30, 2024 12:26 PM
To: [redacted]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Importance: High

Hi [REDACTED]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

“An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms”.

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

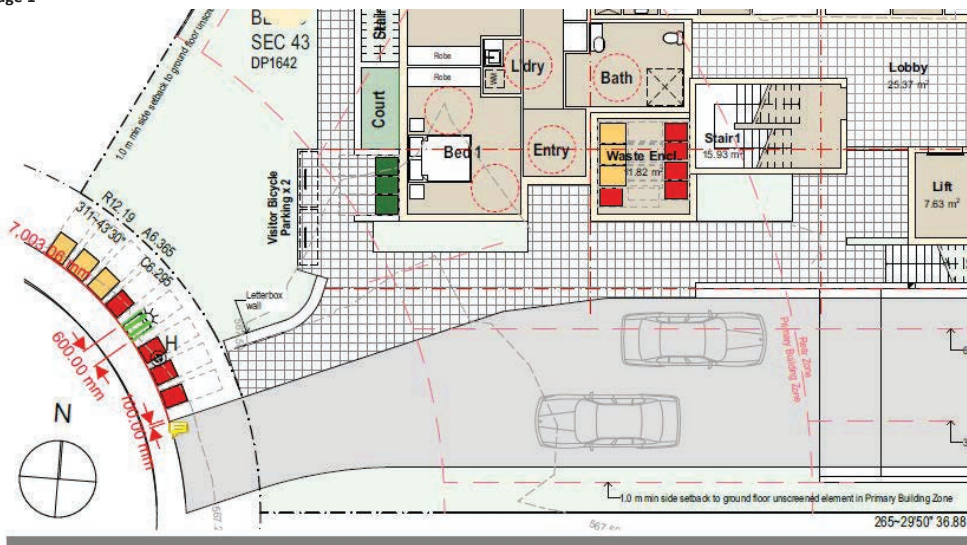


Image 2



**Multi-unit residential development
Shared waste and recycling allocation calculator**

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

*NB: Standard allocations updated as of 1 February 2019

*NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity	Service frequency*
	1,100L	
980	1	Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



ACT
Government
Transport Canberra
and City Services

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)



Connected services for the people of Canberra



I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church



From: Little, Vicki <Vicki.Little@act.gov.au>

Sent: Tuesday, January 23, 2024 1:44 PM

To: [REDACTED]

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]

FYI

Kind regards

Vicki Little

Assistant Director | Service Delivery

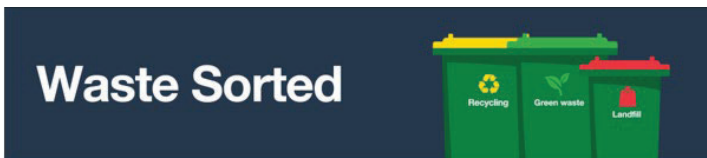
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

www.tccs.act.gov.au



We acknowledge the Ngunnawal people as traditional custodians of the ACT and recognise any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>

Sent: Tuesday, January 23, 2024 12:41 PM

To: Little, Vicki <Vicki.Little@act.gov.au>

Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement

P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**

480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601

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From: Little, Vicki <Vicki.Little@act.gov.au>

Sent: Monday, January 22, 2024 5:14 PM

To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>

Cc: [REDACTED]

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]

[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little

Assistant Director | Service Delivery

ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

www.tccs.act.gov.au

From: [REDACTED]

Sent: Wednesday, December 13, 2023 3:49 PM

To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>

Cc: [REDACTED]

Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:

2x 2 bedroom

10x 1 bedroom/studio

Propose to utilise shared MGBs:

Requires 4.166 x 240L waste bins collected weekly

Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

[REDACTED]

Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.

If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

Regards,

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WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

PROJECT APPLICATION DETAILS – COVER SHEET

This section of the Waste and Recycling Management Plan must be completed by all applicants when lodging a submission for a Development Application, Design Acceptance, or Operational Acceptance.

Note: The Submission must be complete and include **all the elements for the WRMP** TCCS will not accept incomplete Submissions or Submissions from individual consultants for separate elements of the WRMP. Assessment will not commence until a complete Submission has been received.

SITE DETAILS

Project Title: Blocks 25&26, Section 43, O'Connor Development

Description: Multi-unit Development

DEVELOPER'S/CLIENT'S DETAILS

Name of entity: **Contact Person:**

Address:

Phone Number: **E-mail:**

APPLICANT'S DETAILS

Company name: Taylor Thomson Whitting **Contact Person:**

Address: Level 5 224 Bunda Street, ACT **Phone Number:**

Email:

LODGEMENT STAGE

Development Application: Yes No N/A

Design Acceptance: Yes No N/A

Operational Acceptance: Yes No N/A

PROJECT DETAILS (CHECK ALL RELEVANT BOXES)

Single Dwelling and Dual Occupancy Dwellings

Multi-unit residential development – individual MGBs with kerbside collection (Section 2.1a)

Multi-unit residential development – shared MGBs with kerbside collection (Section 2.1b)

Multi-unit residential development – bins with on-site collection (Section 2.1c)

Commercial, public and industrial development (Section 2.2)

Mixed-use development (Sections 2.1 and 2.2)

Demolition, Excavation and Construction (Section 3)



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

PROJECT APPLICATION DETAILS – COVER SHEET

The Cover Sheet Checklist provides a brief overview of the Submission. All relevant WRMP forms and associated documentation must also be submitted with this application. The Design Solution will be either Performance-based (Perf) or Deemed-to-Satisfy (DtS) – if a combination of both then select Performance.

CHECKLIST						
WASTE MANAGEMENT COMPONENT (DCC Reference)	DESIGN SOLUTION		COMPLIANT (check one box)			
	Perf	DtS	Yes	No	N/A	Office use
Performance solutions approved at Pre-Application stage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-standard collection requiring ACT NoWaste approval	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indoor storage spaces for each dwelling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Path of travel from dwelling to waste enclosure or <i>designated collection point</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Path of travel from waste enclosure to <i>designated collection point</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Facilities and path of travel are <i>accessible</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste service compartments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance of <i>chutes</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
On-site storage facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compaction equipment – includes <i>compactors</i> and <i>bin compactors</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ancillary waste equipment – bin lifters, <i>carousels</i> etc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loading areas or <i>designated collection points</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unobstructed kerb space at <i>designated collection points</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal circulation roadways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Swept path</i> clearances – certified by qualified engineer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vertical and horizontal clearances, including trees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operations management plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Mixed use</i> – separation of residential and non-residential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – type/volume or tonnage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – on-site/off-site management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C&D, Excavation – vehicle access	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supporting drawings and documentation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Submission requirements</i> addressed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Work As Executed</i> records (Operational Acceptance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

Controls for these developments are included in Part 3.2.5 and Part 3.5 of the DCC. Submission requirements are stated in Part 3.5.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 OF DCC – INDOOR WASTE AND RECYCLING STORAGE SPACE

Location and dimensions of indoor waste and recycling storage space for each dwelling type

(Provide tabulated calculations of the total waste and recycling generated per week as per Table A4.2)

Description

Drawing
Reference
Numbers

Development satisfies control C1 of the DCC: Yes No

NOT APPLICABLE

CONTROL C2 – EXTERNAL WASTE, RECYCLING AND GREEN WASTE STORAGE AREA

Location and dimensions of waste, recycling and green waste storage area

(Refer to **Table 3.3** for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development. Refer to **A4.3** and www.tccs.act.gov.au/recycling-and-waste/collection/green-bin-program for green waste storage requirements, if applicable for this development)

Description

Drawing
Reference
Numbers

Development satisfies control C2 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

PATH OF TRAVEL

CONTROL C3 – ACCESSIBLE PATH OF TRAVEL

Path of travel for moving bins from the waste, recycling and green waste storage area to the designated collection point.

(Refer to R2.3 of Table 3.3 for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE

DESIGNATED COLLECTION POINT

CONTROL C4 AND C5 – DESIGNATED COLLECTION POINT (KERBSIDE)

Location of designated collection point (kerbside), including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside

(Refer to R2.4 of Table 3.3 for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C4 and C5 of the DCC: Yes No

Provide detail if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(A) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY INDIVIDUAL MGBS COLLECTED AT KERBSIDE)

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how *residential* and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential waste* and recycling bins

(Refer to **R4** of **Table 5.2** for mandatory submission requirements).

Description

Drawing
Reference
Numbers

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and propose alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(b) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBs COLLECTED AT KERBSIDE)

Controls for these developments are included in Part 3.2.4 and Part 3.6 of the DCC. Submission requirements are stated in Part 3.6.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 – INDOOR WASTE AND RECYCLING STORAGE SPACE

Generation of waste and recycling for each dwelling type

(Provide tabulated calculations per dwelling type per week, as per **Table A4.2**)

Description Storage is provided in the kitchen for each dwelling, satisfying minimum 1 day storage requirement as per Part 7.2.1. Generation rates as per WRMP for 1 bedroom or study units and 2 bedroom units

**Drawing
Reference
Numbers**

Development satisfies control C1 of the DCC:



Yes



No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

CONTROL C6 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITY

Location and dimensions of waste and recycling storage facility or mini-enclosure

(Refer to **Table 3.3** for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development. Refer to **A4.3** and www.tccs.act.gov.au/recycling-and-waste/collection/greenbin-program for green waste storage requirements, if applicable to this development)

Description MGB stored in mini enclosures, with kerbside collection.

**Drawing
Reference
Numbers** 12011

Development satisfies control C6 of the DCC:



Yes



No

Development satisfies Part 7.2.3 or 7.2.4 or both of the DCC



Yes



No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(B) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBS COLLECTED AT KERBSIDE)

PATH OF TRAVEL

CONTROL C7 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel for carrying waste and recyclables and for moving bins between the *waste and recycling storage facility or minienclosure* and: (i) the entrance of each dwelling; and (ii) the *designated collection point*

(Refer to **Table 3.5** for mandatory submission requirements)

Description Path of travel information from dwelling to enclosure illustrated on 12011 with all grades, travel distances, and clearances to obstructions such as gates are deemed to satisfy.

Drawing Reference Numbers Performance solution: Building management carts bins from enclosure to kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Shown on 12011.

Development satisfies control C1 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Performance solution: Building management carts bins from enclosure to kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Shown on 12011.

OPERATIONS MANAGEMENT PLAN

CONTROL C8 – OPERATIONS MANAGEMENT PLAN

Description of the process to present bins for collection and to return bins to the waste and recycling storage facilities. Include documentation to be presented to the *owners corporation*.

Description

Waste is collected weekly, recycling is collected fortnightly, green waste alternate fortnights as per Table A4.1. As per above, building management present bins, and returns them to enclosure same day. Noting there is additional storage of 1x recycling and 1x waste in the enclosure for use whilst bins are out for collection

Development satisfies control C8 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(b) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY SHARED MGBs COLLECTED AT KERBSIDE)

COLLECTION POINT

CONTROL C9 AND C10 – DESIGNATED COLLECTION POINT (KERBSIDE)

Location of *designated collection point (kerbside)*, including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside

Description Performance Solution: The designated collection point is shown on 12011, utilising kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Shown on 12011.

Drawing Reference Numbers 12011

Development satisfies control C9 and C10 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Performance Solution: The designated collection point is shown on 12011, utilising kerb of development where space is available. Otherwise on Macarthur Place where free, compliant kerb space is available. Shown on 12011.

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how *residential* and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential* waste and recycling bins

Description

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

Controls for these developments are included in Part 3.2.4 and Part 3.7 of the DCC. Submission requirements are stated in Part 3.7.4. Where appropriate, provide plans showing details to support the application.

This section applies to the following:

- Development applications for new multi-unit residential developments
- Development applications for alterations or additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling services
- Development applications for new mixed-use developments that include multi-unit residential developments.

STORAGE FACILITIES

CONTROL C1 – INDOOR WASTE AND RECYCLING SPACE

Generation of waste and recycling for each dwelling type

(Provide tabulated calculations per dwelling type per week, as per **Table A4.2**)

Description

Drawing Reference Numbers

Development satisfies control C1 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

CONTROL C11 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITIES

Location and dimensions of external waste and recycling storage facilities

(Provide calculations to demonstrate adequacy of space, including dimensions, cross-sections and height of the waste and recycling storage facility. Refer to Table 3.8 for mandatory submission requirements. Use Tables **A4.5** and **A4.5** to calculate waste and recycling storage requirements for the development)

Description

Drawing Reference Numbers

Development satisfies control C11 of the DCC: Yes No

NOT APPLICABLE



ACT
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Transport Canberra
and City Services

WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

Development satisfies Part 7.2.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

How will waste be transferred from each dwelling to external storage area?

Description

Drawing
Reference
Numbers

PATH OF TRAVEL

CONTROL C12 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel for carrying waste and recyclables and for moving bins between the waste and recycling storage facilities or waste service compartments and: (a) the entrance to each dwelling; and (b) the *designated collection point*

(Provide plan of travelling distance, clearance and gradients. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C12 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

MULTI-UNIT DEVELOPMENTS – WASTE AND RECYCLING CHUTES, COMPACTION EQUIPMENT ETC COMPLETE EITHER CONTROL C13 OR C14 OR C15

CONTROL C13 – CONVENIENT ACCESS TO WASTE SERVICES – 3 RESIDENTIAL FLOORS OR LESS

Location and details of any waste service compartments and other waste and recycling equipment that form part of the waste management system

(Provide calculations to demonstrate adequacy of space. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C13 of the DCC: Yes No

Development satisfies Part 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

CONVENIENT ACCESS (CONTINUED) – COMPLETE EITHER CONTROL C13 OR C14 OR C15

CONTROL C14 – CONVENIENT ACCESS – 4 RESIDENTIAL FLOORS AND ABOVE

Location and details of any waste service compartments and other waste and recycling equipment that form part of the waste management system

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Location and details of any waste and recycling chutes

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C14 of the DCC: Yes No

Development satisfies Part 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



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WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(C) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBS, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

COLLECTION POINT

CONTROL C15 – DESIGNATED COLLECTION POINTS

Location of *designated collection points or hopper pads*

(Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C15 of the DCC:

Yes

No

Development satisfies Part 7.2.3 or 7.4 or both:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

VEHICULAR ACCESS

CONTROL C16 – UNOBSTRUCTED ACCESS TO DESIGNATED COLLECTION POINTS

Path of travel for collection vehicles (if collection occurs on site)

(Provide details of travelling distance; clearance in all directions; loading heights and widths; and turning and manoeuvring paths, ramp access, clearances, gradients and pavement details including compliance with **AS2890.1-2004**. Refer to **Table 3.8** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C16 of the DCC:

Yes

No

Development satisfies Appendix 7 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 2 – DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.1(c) – MULTI-UNIT RESIDENTIAL DEVELOPMENT (SERVICED BY WASTE HOPPERS AND SHARED RECYCLING MGBs, OR WASTE AND RECYCLING HOPPERS COLLECTED WITHIN THE PROPERTY BOUNDARY)

COMPLETE IF DEVELOPMENT IS PART OF A MIXED-USE DEVELOPMENT ONLY

CONTROL C23 (PART 5.3) – SEPARATION OF RESIDENTIAL AND NON-RESIDENTIAL WASTE

Identify how residential and non-residential waste and recycling will be kept separate and methods to minimise the potential for commercial tenants to use *residential waste and recycling bins*

(Refer to **R4** of **Table 5.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C23 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

Controls for these developments are included in Part 4 of the DCC. Submission requirements are stated in Part 4.4. Where appropriate, provide details on plans to support your application.

- Development applications for new commercial, public or industrial developments
- Development applications for alterations or additions to existing commercial, public or industrial development if there is an effect on the provision of waste and recycling management
- Development applications for new mixed-use developments involving commercial, public or industrial development.

WASTE AND RECYCLING GENERATION

CONTROL C17 – WASTE AND RECYCLING GENERATION

Waste and recycling generated by each proposed activity within the development, including quantities, bin types and storage requirements

DESCRIPTION						
Premises Type	Floor Area (m2)	Generation Rate		Waste (L/week)	Recycling (L/week)	Number of Bins and Sizes
		Waste	Recycling			

In completing this table, refer to Appendix 5 – Waste and Recycling Generation Rates for Commercial, Public and Industrial Developments

Development satisfies Appendix 4, if includes residential component Yes No N/A

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

WASTE AND RECYCLING STORAGE FACILITIES

CONTROL C17 AND C18 – EXTERNAL WASTE AND RECYCLING STORAGE FACILITIES

Location of *individual waste and recycling storage facilities (C18)* including any *waste and recycling storage sections (C17)* and *refrigerated waste storage* for the entire development

(Provide calculations to demonstrate adequacy of space. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C17 and C18 of the DCC:

Yes

No

Development satisfies Appendix 5 of the DCC:

Yes

No

Development satisfies Part 7.2.3 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

PATH OF TRAVEL

CONTROL C19 – ACCESSIBLE PATH OF TRAVEL

Accessible path of travel from the point of origin or *holding area* to the *waste and recycling storage facilities*

(Provide details of clearances, gradients and mitigation of odour and noise impacts. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C19 of the DCC:

Yes

No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

DESIGNATED COLLECTION POINT

CONTROL C20 – DESIGNATED COLLECTION POINT

Location of *designated collection points or hopper pads or both*
(Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing Reference Numbers

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

Path of travel for moving bins from waste and recycling storage facilities to the designated collection point
(Provide plan of travelling distance, clearance and gradients. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing Reference Numbers

Path of travel for collection vehicles (if collection occurs on site)

(Provide details of travelling distance, clearance, turning and manoeuvring paths, ramp access and pavement details to demonstrate compliance with TCCS Design Standards of Urban Infrastructure and the DCC)

Description

Drawing Reference Numbers

Development satisfies control C20 of the DCC: Yes No

Development satisfies Appendix 7 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:

NOT APPLICABLE



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

DESIGN AND OPERATION OF WASTE AND RECYCLING

SECTION 2.2 – COMMERCIAL, PUBLIC AND INDUSTRIAL DEVELOPMENTS

WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

CONTROL C18 – WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

Location and details of any waste chutes

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 4.2** for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Location and details of any waste and recycling service lifts

(Provide calculations to demonstrate adequacy of equipment)

Description

Drawing
Reference
Numbers

Location and details of any waste compaction equipment

(Provide calculations to demonstrate adequacy of equipment. Refer to **Table 4.2**, in particular **R2.7** and **R2.8**, for mandatory submission requirements)

Description

Drawing
Reference
Numbers

Development satisfies control C18 of the DCC: Yes No

Development satisfies Appendix 7.3 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the waste transporter to provide the service:

NOT APPLICABLE

Requirements for these developments are included in Part 6 of the DCC. Submission requirements are stated in Part 6.6 of the DCC. Where appropriate, provide details on plans to support your application.

Note: A WRMP is **not** required unless the proposed demolition or excavation activities generate more than 20m³ of waste for the whole development.

This section applies to the following:

- Demolition – All Development applications involving demolition where the quantity of demolition material will be greater than 20m³ for the whole development
- Excavation – All Development applications involving excavation where the quantity of excavated material will be greater than 20m³ for the whole development
- Development applications for new mixed-use developments that include multi-unit residential developments.

WASTE TYPES AND QUANTITIES

CONTROL C24 – DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE TYPES AND QUANTITIES

Specify demolition, excavation and construction waste materials by type and volume or tonnage

This information can be shown in **Table 3.1** (Demolition Waste) or **Table 3.2** (Construction Waste) or both which can be found over leaf. Refer to **Table 6.2** for mandatory submission requirements.

Description To be determined at later stage by contractor.

ON-SITE MANAGEMENT OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE

CONTROL C25 – ON-SITE MANAGEMENT OF WASTE

Nominate on-site sorting and storage areas for demolition, excavation and construction waste materials.

Show these details on a draft site plan

(Refer to **Table 6.2** for mandatory submission requirements)

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Describe the work method, practices and specific procedures to be adopted to maximise the reuse and recycling of waste materials

(Refer to **Table 6.2**, in particular **R2.2**, for mandatory submission requirements)

Description To be determined at later stage by contractor.



WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 3 – DEMOLITION, EXCAVATION AND CONSTRUCTION

Identify access for demolition and construction waste collection vehicles

(Refer to **Table 6.2** for mandatory submission requirements)

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Details of waste or recycling storage containers, or both, to be stored outside leased boundaries

(Separate approval is required from Public Land Use, City Services (via Access Canberra Phone 132 881))

Description To be determined at later stage by contractor.

**Drawing
Reference
Numbers**

Development satisfies control C25 of the DCC: Yes No

Provide details if DCC requirements are not satisfied, and proposed alternatives that will not impact on the ability of the *waste transporter* to provide the service:



ACT
Government

Transport Canberra
and City Services

WASTE & RECYCLING MANAGEMENT PLAN FORM FOR APPLICANTS

SECTION 3 – DEMOLITION, EXCAVATION AND CONSTRUCTION

RESUSE AND RECYCLING OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE

CONTROL C18 – WASTE CHUTES, COMPACTION OR OTHER EQUIPMENT

Details of reuse and recycling potential (on-site or off-site, or both) for demolition, excavation and construction waste

Description

*This information can be shown in **Table 3.1** (Demolition Waste) or **Table 3.2**, or both (Construction Waste).*

***Tables 3.1** and **3.2** are over leaf.*

To be determined at later stage by contractor.

Drawing
Reference
Numbers

Name and location of approved licensed sites for recycling, or reprocessing, or landfill, or all of these, for the disposal of demolition, excavation and construction waste materials

Description

*This information can be shown on **Table 3.1** (Demolition Waste) or **Table 3.2**, or both (Construction Waste).*

***Tables 3.1** and **3.2** are over leaf.*

To be determined at later stage by contractor.

Development satisfies control C25 of the DCC: Yes No

TABLE 3.1 – DEMOLITION WASTE

Type of Material Generated	ON-SITE				OFF-SITE				DISPOSAL AT LANDFILL								
	Estimated		Actual (to be provided at WAE)		Proposed Reuse and Recycling On-site		Estimated		Actual (to be provided at WAE)		Name of Landfill Site		Estimated		Actual (to be provided at WAE)		
	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	
Excavation Material	To be determined at later stage by contractor.																
Bricks																	
Concrete																	
Timber (specify)																	
Plasterboard/Gyprock																	
Metals (specify)																	
Cardboard																	
Plastics																	
Mixed Waste																	
Other (specify)																	
Total																	
Percentage of Total																	

TABLE 3.2 – CONSTRUCTION WASTE

Type of Material Generated	ON-SITE				OFF-SITE				DISPOSAL AT LANDFILL								
	Estimated		Actual (to be provided at WAE)		Proposed Reuse and Recycling On-site		Estimated		Actual (to be provided at WAE)		Name of Landfill Site		Estimated		Actual (to be provided at WAE)		
	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	Vol (m ³)	Wt (T)	
Excavation Material	To be determined at later stage by contractor.																
Bricks																	
Concrete																	
Timber (specify)																	
Plasterboard/Gyprock																	
Metals (specify)																	
Cardboard																	
Plastics																	
Mixed Waste																	
Other (specify)																	
Total																	
Percentage of Total																	

From: [GarciaBermudez, Diana](#)
To: [Moniruzzaman, Asm](#)
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Date: Wednesday, 18 September 2024 1:28:00 PM
Attachments: [239126-TTW-00-SK-CT-11003.pdf](#)
[image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)

FYI

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: GarciaBermudez, Diana
Sent: Thursday, June 13, 2024 3:13 PM
To: [REDACTED]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

Hi [REDACTED]

As discussed, you can proceed with the proposed option attached with the onsite hopper collection.

However, you still need to provide a full submission as per Waste Code 2019 at DA stage.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au





GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>

Sent: Thursday, March 7, 2024 4:08 PM

To: [Redacted]

Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; [Redacted]

Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

OFFICIAL

Hi [Redacted]

The proposed performance-solution of reverse in access to site and onsite hopper collection has not been approved.

However, as discussed in the meeting this morning, you can explore other options for a new performance-solution to allocate the bins along the kerb.

If you have any comment or if you need more information, please do not hesitate to contact me.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



ACT
Government

Transport Canberra
and City Services

From: [Redacted]

Sent: Tuesday, February 6, 2024 12:12 PM

To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>

Cc: [Redacted] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [Redacted]

Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126



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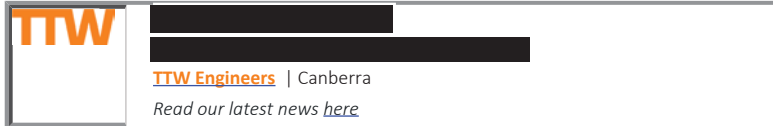
Hello,

Ok thank you for consideration.

Attached is updated plans showing performance-solution of reverse in access to site and onsite hopper collection.

If you could please organise the pre-DA meeting with ACT No Waste to discuss.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>

Sent: Wednesday, January 31, 2024 4:28 PM

To: [Redacted]

Cc: [Redacted] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [Redacted]

Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

You don't often get email from diana.garciabermudez@act.gov.au. [Learn why this is important](#)

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

OFFICIAL

Hi [Redacted]

Kerbside collection is not approved by TCCS.

If the 10 x 1-bedroom units are 1 bedroom or studio units (without a separate study), then different calculations apply as shown in Image 1 below.

However, you still are not complying with the number of bins required for this development as per calculation listed below.

$$1000L \text{ waste} \div 240L = 4.1 = 4$$

$$880L \text{ recycling} \div 360L = 2.4 \times 2 = 4.888 = 5$$

We can round down the shared waste but there must be 5 recycling bins. Nine shared MGBs will not fit on the kerb for kerbside collection.

Image 1

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit	10	80	800	10	70	700
1 bedroom with separate study room		90	0		80	0
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,000			880

Again, the only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution.

As discussed with Sam, once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: [REDACTED]
Sent: Wednesday, January 31, 2024 11:52 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: [REDACTED] TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>; [REDACTED]
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126

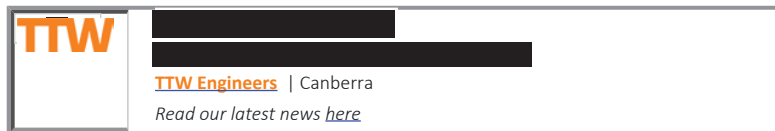
Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe. [Learn why this is important](#)

Hello Diana,

Thank you for your response. The calculations undertaken by myself at the start of this thread are correct, as the single bedroom units are “1 bedroom or studio” generation rates and not “1 bedroom with separate room for a study” generation rates (As you have used). In light of this, could you please reconsider my below performance-solution proposal, specifically considering the potential to relocate street light to allow an additional bin space on kerb.

Noting kerbside MGBs are currently being collected in this area, so it is an existing condition. Whereas the turning movement for a 12.5m hopper-collecting truck to be able to reverse into the block is not possible given the tight dimensions of the cul-de-sac.

Regards,



From: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Sent: Tuesday, January 30, 2024 12:26 PM
To: [REDACTED]
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>; Little, Vicki <Vicki.Little@act.gov.au>; Mahoney, SarahJ <SarahJ.Mahoney@act.gov.au>; Stelzig, Mike <Mike.Stelzig@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126
Importance: High

OFFICIAL

Hi [REDACTED]

As discussed with ACT No Waste, the waste and recycling calculation were not worked out (as shown in Image 1 below) according to the Waste Code requirement as 5 x 240L waste and 6 x 360L recycling bins are required. Even if one could delete one waste bin, they would still not fit on the kerb. Onsite collection through a reversing side-lift truck is not permitted.

The only option we see would be to collect hoppers onsite. 1 x 1,500L waste and 1 x 1,100L recycling hoppers would be required as shown in Image 2 below. As the collection vehicle cannot turn onsite, the only option would be to reverse into the site. As reversing is not permitted since 2019, the applicant will need to apply via a performance-based solution. Section 2.3.3 of the DCC states:

“An applicant must consult with and provide documentation to TCCS at the Pre-Application Stage on an intention to pursue a performance-based solution. TCCS must provide written endorsement of the proposal, subject to its acceptance and before the formal submission of the development application. At the time a development application is lodged, the applicant must provide details of the endorsed performance-based solution and associated TCCS reference when completing the WRMP forms”.

A performance-based solution is assessed, among others, on its merits by examining safety, efficiency and cost-effectiveness for the Territory.

A pre-application meeting must be held to discuss how you propose to mitigate the risks of a Heavy Rigid Vehicle (HRV) reversing into the driveway. Also, you need to demonstrate that your documentation complies with Table 3.8 of the Waste Code, which should show the number of hoppers required, their location, and how traffic will be managed onsite.

Image 1

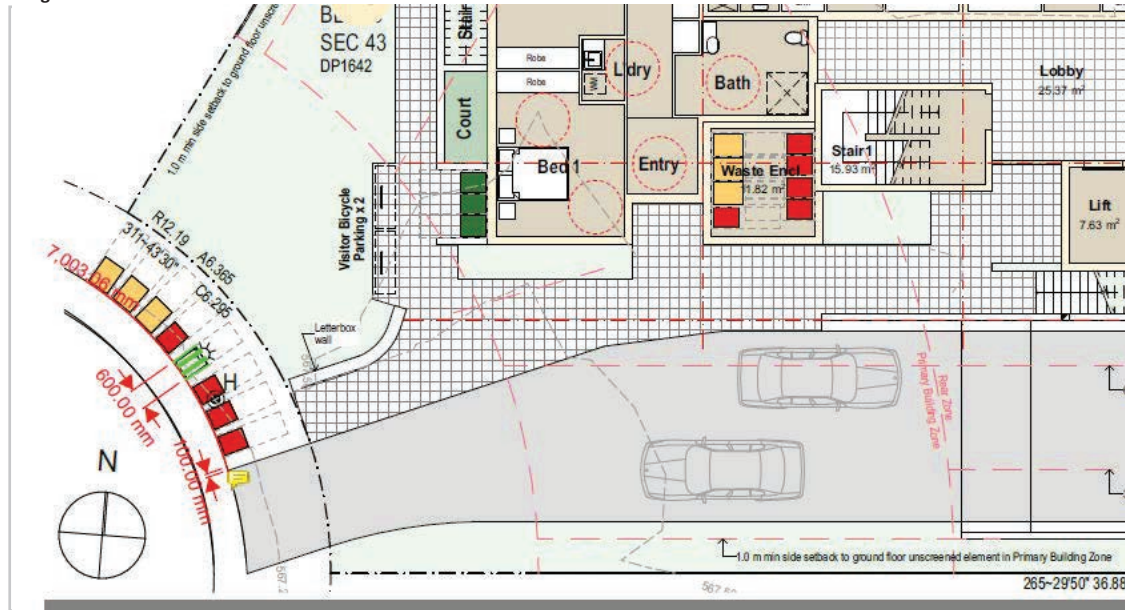


Image 2

ACT
Government
Transport Canberra
and City Services

Multi-unit residential development Shared waste and recycling allocation calculator

Type of units by size	Waste (litres/week)			Recycling (litres/week)		
	Number of units	litres/week per unit	Total litres/week	Number of units	litres/week per unit	Total litres/week
1 bedroom or studio unit		80	0		70	0
1 bedroom with separate study room	10	90	900	10	80	800
2 bedroom unit	2	100	200	2	90	180
3 bedroom unit		120	0		110	0
4 bedroom unit or greater		140	0		120	0
Total calculated waste			1,100			980

**NB: Standard allocations updated as of 1 February 2019*
**NB: If the calculated waste volume in litres/week exceeds 36,000, compactors MUST be used.*

Shared waste allocation calculated as per assumptions above

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3 m ³	
1,100	1	0	0	Weekly

Scenario 2 (only applicable to total calculated waste volume greater than 22,351 litres/week)

Calculated waste volume (litres/week)	Waste hopper quantity			Service frequency*
	1.5 m ³	2 m ³	3 m ³	
0	0	0	0	

Shared recycling allocation calculated as per assumptions above

Calculated recycling volume (litres/week)	Recycling hopper quantity		Service frequency*
	1,100L		
980	1		Weekly

Once you have your revised documentation ready, please let me know so, I can organise the pre-DA meeting with ACT No Waste to discuss your performance-based solution.

Kind Regards,

Diana Garcia Bermudez | Assistant Director Development Assessment,
Phone: 02 6205 3254 | Email: Diana.GarciaBermudez@act.gov.au
Development Coordination Branch | Transport Canberra and City Services | ACT Government
480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601
www.cityservices.act.gov.au | www.transport.act.gov.au



From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 30, 2024 10:35 AM
To: GarciaBermudez, Diana <Diana.GarciaBermudez@act.gov.au>
Cc: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:
Importance: High

OFFICIAL

Good Morning Diana,

Just following up on the below email correspondence.

Please let me know if you require anything further.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)



Connected services for the people of Canberra



I acknowledge the Traditional Custodians of the ACT, the Ngunnawal people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Artwork "Relationships" by Lynnice Letty Church



From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Tuesday, January 23, 2024 1:44 PM
To: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Hi [REDACTED]
FYI
Kind regards

Vicki Little
Assistant Director | Service Delivery
ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603
GPO Box 158 Canberra ACT 2601
Email: vicki.little@act.gov.au
www.tccs.act.gov.au



From: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Sent: Tuesday, January 23, 2024 12:41 PM
To: Little, Vicki <Vicki.Little@act.gov.au>
Subject: RE: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

OFFICIAL

Good afternoon Vicki,

Thank you for your email. I have forwarded your email to a Project Lead, please advise if you do not receive a response by COB by 25 January 2024.

Many thanks,

Paul Miro | Customer Support and Business Improvement
P 62070019 | E TCCS.DCDevelopmentCoordination@act.gov.au
Development Coordination Branch | Transport Canberra and City Services Directorate | **ACT Government**
480 Northbourne Avenue Dickson ACT2602 | GPO Box 158 Canberra ACT 2601
www.act.gov.au | www.tccs.act.gov.au | [@tccs_act](https://twitter.com/tccs_act)

Connected services for the people of Canberra

From: Little, Vicki <Vicki.Little@act.gov.au>
Sent: Monday, January 22, 2024 5:14 PM
To: TCCS_DC DevelopmentCoordination <TCCS.DCDevelopmentCoordination@act.gov.au>
Cc: [REDACTED]
Subject: FW: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query

TTW_239126:

Importance: High

OFFICIAL

Hi Team

Can you please look into this for [REDACTED]

[REDACTED] I have sent it through to the correct area in DCB (Development Coordination Branch).

Kind regards

Vicki Little

Assistant Director | Service Delivery

ACT NoWaste | Transport Canberra and City Services Directorate

Dickson Office Building, 480 Northbourne Ave Dickson ACT 2603

GPO Box 158 Canberra ACT 2601

Email: vicki.little@act.gov.au

www.tccs.act.gov.au



From: [REDACTED]

Sent: Wednesday, December 13, 2023 3:49 PM

To: TCCS_DC DevelopmentCoordination <TCCS_DCDevelopmentCoordination@act.gov.au>

Cc: [REDACTED]

Subject: Blocks 25 & 26, Section 43, 100 & 102 Macarthur Place, O'Connor ACT - Proposed Development Waste and Streetlight query TTW_239126:

Hello,

Could you please review the below information and attached plan, and provide advice on the proposed solution and queries.

Development consists of:

2x 2 bedroom

10x 1 bedroom/studio

Propose to utilise shared MGBs:

Requires 4.166 x 240L waste bins collected weekly

Requires 4.88 x 360L recycling bins collected fortnightly

Kerbspace required:

$(5 \times 0.8\text{m}) + (5 \times 0.85\text{m}) = 8.25\text{m}$

There is insufficient space on kerb as there is only 6.9m free space, with 100mm clearance to an already reduced 3m wide driveway (Clearance from DCCfWM-2019 Figure 3.2). This 6.9m also includes a streetlight obstruction. It is preferable the streetlight not be relocated, which would reduce free kerbspace by a further ~600mm

Performance solution justification:

[REDACTED]

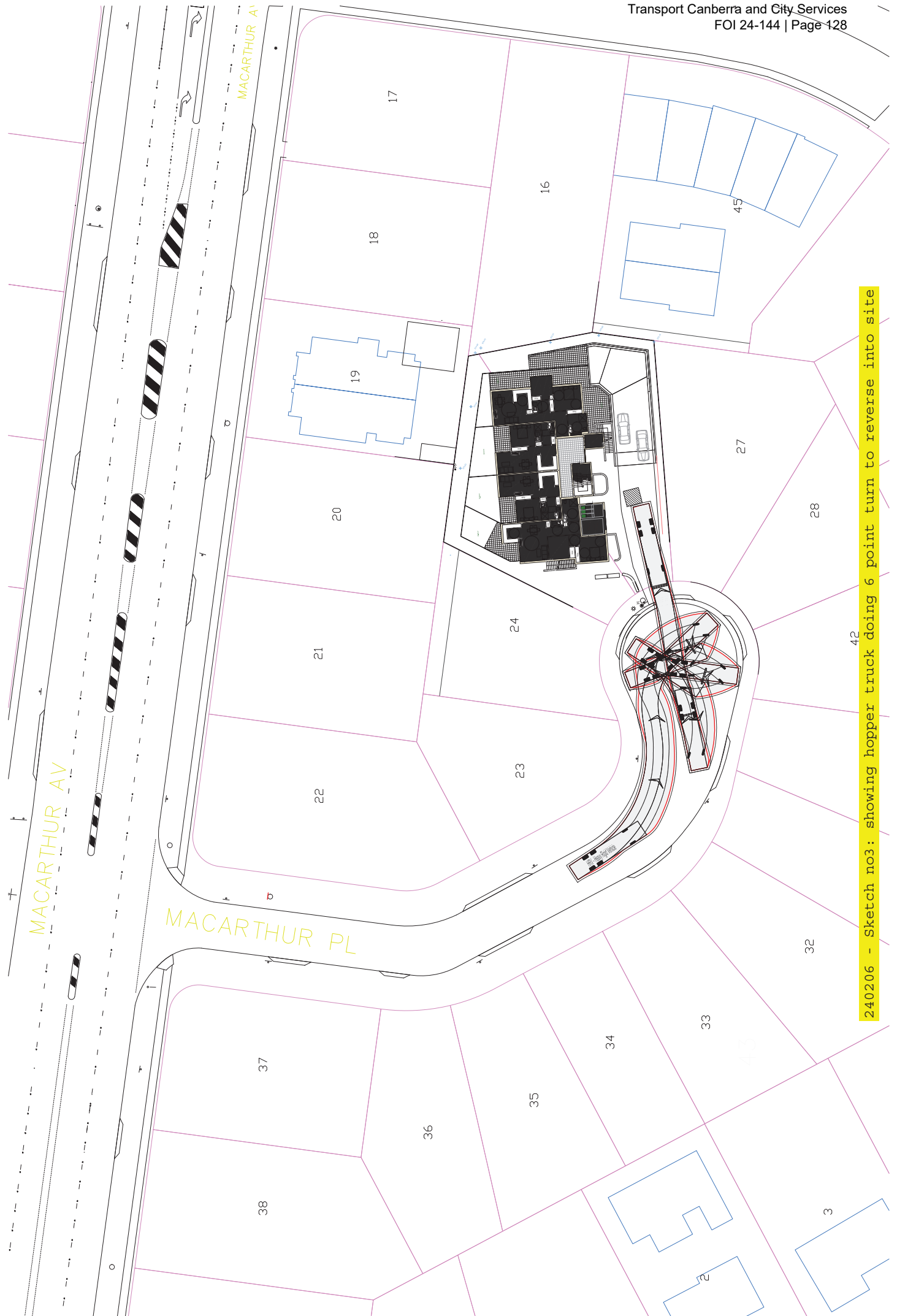


Reducing bins required to nominally 4x waste, and 4x recycling, would take up 6.6m of kerbspace, which will fit if the lightpost is removed, or relocated further back into verge outside of clashing with bin collection, or relocated to a neighbours verge.
If an additional bin was removed, then the lightpost could remain.

Can you please advise on possibility of relocating lightpost.
And on performance solution of reduced bins.

Regards,

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.



240206 - Sketch no3: showing hopper truck doing 6 point turn to reverse into site

From: [Moniruzzaman, Asm](#)
To: [AC, EPD Customer Services](#)
Cc: [TCCS_PC DACOORD](#); [Chowdhury, Abu Sayem](#)
Subject: RE: SIGNIFICANT-REFERRAL-TCCS-202443268-25/43 O'CONNOR-01
Date: Thursday, 10 October 2024 11:48:20 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.jpg](#)
[image005.png](#)

OFFICIAL

Dear App Sec,

“Please consider this is an internal communication between TCCS and EPSDD. Please do not forward / attach this email to the applicant. Please write your own email to the applicant with our comments. The applicant may contact our Customer Support team (TCCS.DCdevelopmentcoordination@act.gov.au) for any clarification / addressing of DA comments.”

DEVELOPMENT APPLICATION NO: 202443268

BLOCK: 25	SECTION: 43	SUBURB: O'CONNOR
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Proposal Description: PLANNING ACT 2023-PROPOSAL FOR MULTI-UNIT

DEVELOPMENT – Construction of 4 attached two storey dwellings, attached double garages, driveway/verge crossing, landscaping and associated works.

This DA has been assessed with respect to the following elements:

Active Travel & Pedestrian Networks	<input type="checkbox"/>	Right of Way Easements	<input type="checkbox"/>
Bus Operations	<input type="checkbox"/>	Service / Access Easements	<input type="checkbox"/>
Demolition	<input checked="" type="checkbox"/>	Lease Variation	<input type="checkbox"/>
Driveways / Verge Crossings	<input checked="" type="checkbox"/>	Further Information / Amendment	<input checked="" type="checkbox"/>
LMPP & Verge Trees	<input checked="" type="checkbox"/>	Stormwater	<input checked="" type="checkbox"/>
TCCS Capital Works	<input type="checkbox"/>	Street Lighting	<input checked="" type="checkbox"/>
Offsite Visitor / Public Parking	<input type="checkbox"/>	Subdivision Plan	<input type="checkbox"/>
Onsite & Visitor Parking	<input checked="" type="checkbox"/>	Traffic	<input type="checkbox"/>
Light Rail Operations	<input type="checkbox"/>	Waste Management	<input checked="" type="checkbox"/>
Light Rail Future Stages	<input type="checkbox"/>	Other	<input type="checkbox"/>

X = Areas Assessed

TCCS' position is:

The DA is supported	<input type="checkbox"/>
The DA is supported subject to compliance with the following conditions	<input type="checkbox"/>
The DA is not yet supported, and further information is required	<input checked="" type="checkbox"/>
The DA is not supported	<input type="checkbox"/>

Comments

WASTE

1. TCCS **do not support** this development because:
 - a. TCCS agreed in the last meeting that the applicant may submit a new application with onsite collection if (1) the underground car park ramp is locked down during collection (2) the forecourt is redesigned so that a waste truck reverses into the site and forwards out (for both waste and recycling); and (3) the waste and recycling is stored

TABLE 3.8 Submission requirements for on-site collection for multi-unit residential developments

Number	Submission Requirement
R1	Each <i>development application</i> must include a completed copy of all relevant Parts of the WRMP (see Appendix 10).
R2	<i>Development application</i> submission documents must include plans, elevations, sections and written descriptions or specifications for collection services, as applicable, showing:
R2.1	<ul style="list-style-type: none"> the location and dimensions of the <i>waste and recycling storage facility</i> with tabulated calculations to demonstrate the adequacy of this space. Refer to A4.3 and www.tccs.act.gov.au/recycling-and-waste/collection/green-bin-program for green waste storage requirements.
R2.2	<ul style="list-style-type: none"> tabulated waste and recycling generation rates per dwelling (i.e. bedrooms) in accordance with Table 7.1.
R2.3	<ul style="list-style-type: none"> a method statement describing how waste and recycling must be transferred from each dwelling to the <i>waste and recycling storage facility</i>.
R2.4	<ul style="list-style-type: none"> the location of any waste and recycling <i>chutes</i> (if included in a proposed development) and the location and dimensions of any <i>waste service compartment</i> on each floor of the building; it must include tabulated calculations to demonstrate the adequacy of these facilities.
R2.5	<ul style="list-style-type: none"> the location of the <i>designated collection point, hopper pad</i> or both for the collection and emptying of the <i>Territory's waste and recycling bins</i>.
R2.6	<ul style="list-style-type: none"> the path of travel for moving bins from the <i>waste and recycling storage facility</i> to the <i>designated collection point</i>; it must indicate dimensions, clearances and gradients, where applicable.
R2.7	<ul style="list-style-type: none"> the path of travel for <i>collection vehicles</i> if collection occurs on site; it must indicate all clearances, travel, turning and manoeuvring paths, ramp access, clearances in all directions and pavement details, where applicable.
R2.8	<ul style="list-style-type: none"> supporting documentary evidence on the type of compaction and associated waste and recycling plant and equipment proposed; this must include the manufacturer, model, compaction ratio, and dimensions – including maximum height at point of lift, volume, and expected weight when fully loaded at the defined compaction ratio.

A letter of response and updated plans / documents must be provided in the next submission.

Additional comments (for EPSDD information only, and not to be included in the Notice of Decision)

- This DA is not supported by TCCS. The applicant must address Comment above and resubmit to EPSDD for TCCS to reassess the DA.**
- There is no stormwater easement on this block.**
- All parking demand and supply for the proposed development must be checked and endorsed by EPSDD.**
- All internal circulation of the vehicle must be checked by EPSDD to make sure that vehicles can get in and out safely and without difficulty.**

Regards,

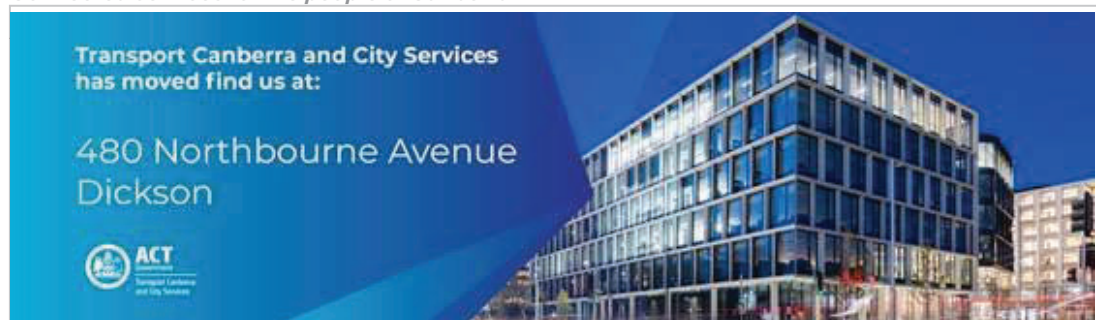
Asm Moniruzzaman | Assessment Officer | MIEAust

Development Planning | Phone 02 6207 6749 | Email: asm.moniruzzaman@act.gov.au

Development Coordination Branch | Transport Canberra and City Services Directorate | ACT Government

480 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra



From: AC, EPD Customer Services <ACEPDCustomerServices@act.gov.au>

Sent: Thursday, 12 September 2024 10:18 AM

To: TCCS_PC DA <TCCS.DA@act.gov.au>

Subject: SIGNIFICANT-REFERRAL-TCCS-202443268-25/43 O'CONNOR-01

OFFICIAL

DEVELOPMENT APPLICATION NO: 202443268

DEVELOPMENT TYPE: SIGNIFICANT

BLOCK: 25 **SECTION:** 43 **DIVISION:** O'CONNOR

Description - PLANNING ACT 2023 - PROPOSAL FOR MULTI-UNIT DEVELOPMENT AND LEASE VARIATION - Construction of a 3 storey apartment building comprising of 11 dwellings, basement parking, new driveway, landscaping and associated works. Lease Variation for consolidation of blocks 25 and 26 and to vary the crown lease to permit 11 dwellings.

Pursuant to Section 170(1) of the *Planning Act 2023*, the Territory Planning Authority requests that you consider the abovementioned development application and provide any written advice no later than after the date of this notice **(10/10/2024)**.

In accordance with Section 172 of the *Planning Act 2023*, entity advice must be provided within the specified timeframe. The validity of a decision will not be impacted by the absence of advice or late advice. Please note that an extension of time to the nominated due date to provide written advice will not be granted under the *Planning Act 2023*.

Please forward any written advice via email to ACEPDCustomerServices@act.gov.au

Guidance on how to provide advice

To assist the Territory Planning Authority consider your advice in line with the statutory requirements of the *Planning Act 2023*, we ask that you:

- Clearly outline whether you:
 - Support the proposed development
 - Do not support the proposed development, or
 - Require further information to form a view
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- Provide advice only related to your areas of regulatory or advisory responsibility
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- Note that DA information, including entity advice, is on the public register – please draft your advice that would be appropriate for public release
- Use the following format in the subject line of the email when providing advice:
 - COMM-Agency Name-20140XXXX-Block XX Section XX SuburbXXXXX-01
 - **Example: COMM-TCCS-201401234-10/10 Dickson-01**

Kind Regards

Joshua | DA Notification team – Land, Planning and Building Services

Phone: 02 6207 1923 | Email: ACepdcustomerservices@act.gov.au

Chief Minister Treasury and Economic Development Directorate | Access Canberra – Land, Planning and Building Services

8 Darling Street Mitchell ACT 2911 | GPO BOX 158 Canberra ACT 2601 |

www.act.gov.au/accessCBR



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Kind regards

Mike Stelzig | Assistant Director, Operational Policy | Service Delivery Team
Phone: 02 6205 4279 | Email: mike.stelzig@act.gov.au
ACT NoWaste | Transport Canberra and City Services Directorate | ACT Government
480 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158, Canberra City ACT 2601 | www.act.gov.au

Disclaimer:

Neither a Notice of Decision (NoD), Letter of Design Review (LoDR) nor an Operational Acceptance Certificate (OA) compel the Territory to collect waste. A waste collection service will be determined after the site has completed construction, a Certificate of Occupation has been issued and the site has been handed over to the body corporate. Other factors will also influence whether the Territory will collect waste, for example, whether the site complies with the Development Control Code for Best Practice Waste Management in the ACT 2019 (DCC), or its successor, relevant legislation, codes and standards, whether the site has been constructed as per the approved plans, whether or not non-compliances with the DCC were identified post construction (even if approved on stamped plans), and the outcome of the onsite risk assessment by the Territory waste contractor. By submitting a waste management plan, the Applicant (Consultant) certifies that, and it is the responsibility of the Applicant that, the proposed waste management plan fully complies with relevant legislation, codes and standards at all stages of approval and after approval, handover to the client, strata or body corporate. When ACT NoWaste use the words “endorsed”, “approved” or any other positive statements regarding a development, it is only meant to indicate the status of documents before us at any given time and is not meant as an approval of a Territory waste collection service or acceptance of all documents seen or unseen. Positive statements are only tentative until further information is assessed and until the Territory’s waste contractor performs a site risk assessment. ACT NoWaste will not be held liable for incomplete or non-compliant submissions or amendments. ACT NoWaste has sole discretion regarding the type and size of waste receptacles, collection frequency and whether to collect waste.

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient:

- Please notify the sender and delete all copies of this transmission along with any attachments immediately.
- You should not copy or use it for any purpose, nor disclose its contents to any other person.

From: Moniruzzaman, Asm <Asm.Moniruzzaman@act.gov.au>
Sent: Friday, September 13, 2024 9:27 AM
To: Stelzig, Mike <Mike.Stelzig@act.gov.au>
Subject: FW: SIGNIFICANT-REFERRAL-TCCS-202443268-25/43 O'CONNOR-01

OFFICIAL

Hi Mike,

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Regards,

Asm

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Joshua | DA Notification team – Land, Planning and Building Services

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