ACT Government
Transport Canberra and City Services

FREEDOM OF INFORMATION COVERSHEET

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

FOI reference: TCCSFOI 19-019

Information to be published	Status
1. Access application	Published
2. Decision notice and schedule	Published
3. Documents	Published
4. Additional information identified	n/a
5. Fees	n/a
6. Processing time (in working days)	71 days
7. Decision made by Ombudsman	n/a
8. Additional information identified by Ombudsman	n/a
9. Decision made by ACAT	n/a
10. Additional information identified by ACAT	n/a

ACT Government

Ref: 19-019
RECEIVED
DATE 27/2/19 BY TCCS

Freedom of Information – Access Application Form

PRIVACY NOTICE

The personal information you supply on this form will only be used for the purpose of processing your request. Your application must include an email or postal address to which the respondent can send notices under the Act. If all or some of this information is not collected, [AGENCY] may not be able to communicate with you, inhibiting their obligations under the Act. This could mean the request cannot be dealt with. Your personal information will not be disclosed to a third party without your consent unless statutory obligations require otherwise.

The [AGENCY] Privacy Policy contains information on how you can access or seek to correct any of your personal information that is held by the [AGENCY], as well as the process for lodging a complaint about an alleged breach of the *Information Privacy Act 2014*. The Privacy Policy can be found on the [AGENCY] website at [WEBSITE].

Applicant details	
I wish to make an access application to Transport Canberra and City Services (TCCS) under the *Freedom of Information Act 2016.*	
Name	[redacted]
Address (where notices relating to this request can be sent – either postal or electronic)	[redacted]
Telephone Contact Residential	[redacted]
Telephone Contact Mobile	[redacted]
Email Contact	[redacted]

What documents are you requesting under the Act?	
Please see Attachment A	
I would like	a copy of these documents sent to the above address ~~OR~~ ~~to inspect these document~~

Fee Waiver

If you wish to apply for a fee waiver, the Act sets out a number of provisions to do so:

- The information being requested was previously publicly available but no longer is.
- The information being requested is of special benefit to the public (Ombudsman guidelines see Section 66).
- The applicant is a concession card holder and demonstrates a material connection with the information requested (concession cards include a current health care or pensioner card issued under the Social Security Act 1991; a current pensioner concession card issued in relation to a pension under the Veterans' Entitlements Act 1986 or the Military Rehabilitation and Compensation Act 2004; a current gold card; or a card prescribed by regulation).
- The applicant is a not-for-profit organisation and the application relates to the activities or purposes of the organisation.
- The applicant is a member of the Legislative Assembly.

[AGENCY] must waive any fees for providing information if the information was not publicly available and the agency makes the information publicly available before or within 3 working days after giving it to the applicant.

Fee waiver application (fill in if applicable. Otherwise leave blank)

I would like to apply for a fee waiver because (state reason/s from the list above).

[provide details and evidence of how this reason applies]

APPLICANTS SIGNATURE	DATE OF REQUEST
[redacted]	26/02/2019

Attachment A – Details of documents requested under the *Freedom of Information Act 2016*

For the purposes of this request:

"Date Range" means January 2010 to 15 February 2019.

"Land" means any of Blocks 2, 3, 4, 5, 6 and 7 Section 28 Greenway in the Australian Capital Territory (Blocks 3, 4, and 5 were previously known as Block 2, Section 28 Greenway in the Australian Capital Territory).

We wish to request the following documents within the Date Range:

1. Any Estate Development Plan prepared in relation to the Land.
2. Any documents evidencing an Estate Development Plan for the Land.
3. The Estate Development Plan for Block 2 Section 28 Greenway in the Australian Capital Territory prepared in 2016.
4. The Estate Development Plan referred to in the email of 15 November 2017 from Sushma Upreti of ACT Government to Trent Varlow, assessment officer of Environmental, Planning and Sustainable Development extracted at **Figure 1** below.
5. Any Estate Development Plan for the Land required in accordance with the Estate Development Code extracted at **Figure 3** below and the TCCS website extracted at **Figure 2** below.
6. Any documents relating to:
   (a) the preparation of an Estate Development Plan for the Land;
   (b) the consideration of whether an Estate Development Plan was required for the Land; or
   (c) any decision not to prepare an Estate Development Plan for the Land.
7. Any plans, survey or contour maps of the Land.
8. Any lease, head lease or holding lease for the Land.
9. Any draft or approved Development Intentions Plan for the Land (as referred to in rule 56 of the Estate Development Code).
10. Any draft or approved report of any kind prepared in relation to the Land including any environmental site assessment report prepared in relation to the Land.
11. Any documents relating to:
    (a) the subdivision or division of the Land (whereby Block 2 Section 28 Greenway was divided into Blocks 3, 4 and 5);
    (b) the process used to divide the Land;
    (c) the decision to divide the Land; or
    (d) gazetting the Land.
12. Any documents relating to:
    (a) draft or approved dwelling numbers for the Land;
    (b) draft or approved dwelling yield for the Land; or
    (c) rezoning of the Land.
13. Any documents relating to the Land and concerning:
    (a) asbestos;

(b) asbestos containing material;

(c) uncontrolled fill;

(d) contamination;

(e) contaminants of potential concern;

(f) soil testing;

(g) building rubble;

(h) rubbish;

(i) mounds; or

(j) hillocks.

14. Any documents relating to the use of the Land or part of the Land as a dumping site or waste disposal ground.

15. Any of the following documents received in relation to the Land:

(a) public consultation;

(b) letters from the public; or

(c) correspondence with members of the public.

16. Any objections received by ACTPLA in relation to the rezoning of the Land.

17. Any documents relating to:

(a) the decision to assess documents relating to DA 201731192 against the Residential Zones Development Code;

(b) the decision to not assess documents relating to DA 201731192 against the Estate Development Code;

(c) advice provided by TCCS in relation to assessment of DA 201731192.

18. Any communications or any documents evidencing communications between TCCS and:

(a) the Minster for Transport Canberra and City Services;

(b) the Minister for Housing and Suburban Development;

(c) the Minister for Planning and Land Management;

(d) the Chief Minister; or

(e) any other relevant minister;

in relation to the matters in paragraphs 1 – 17 inclusive above.

19. Any correspondence or documents evidencing communications between TCCS and other entities in relation to the matters raised in paragraphs 1 – 17 inclusive above.

20. Any internal TCCS communications in relation to the matters in paragraphs 1 – 19 inclusive above.

21. Any documents evidencing communication between the Minister for Planning, the Minister for Environment, the Minister for Parks and Conservation and the Minister for Housing, with any department of the ACT Government in relation to the Land.

From: Upreti, Sushma
Sent: Wednesday, 15 November 2017 11:14 AM
To: [redacted]
Cc: Chowdhury, Abu Sayem; Cilliers, George
Subject: RE: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 (SEC=UNCLASSIFIED]

Hello Trent

Thank you for your concern.

Block 2 Section 28, Greenway EDP was prepared in 2016. The site is now divided into blocks 3, 4 and 5. Traffic Impact Assessment for the combined development was prepared in 2016 and was submitted at DA stage (DA 201731192). The report was prepared for the combined development of up to 350 residential dwellings on Section 28 Block 2 and identified that the proposed development would have minimal impact on the performance of the two Mortimer Lewis Drive intersections with Drakeford Drive.

The proposed development on Section 28 block 5 is consistent with the approved EDP which was previously checked and approved.
TCCS do not have any further comments in relation to traffic impact at this stage.

Any representations received on this matter should be addressed by the proponent.

Please do not hesitate to contact me should you have any questions.

Thank you.

Regards,
Sushma Upreti

Figure 1



Figure 2

Assessment tracks DA lodged 13/4/2017 approved 3/7/2017

Assessment tracks for particular developments are specified in the relevant zone development table.

Proposals in the **code track** must comply with all rules relevant to the development.

Proposals in the **merit track** and **impact track** must comply with a rule or its associated criterion, unless the rule is mandatory (i.e. it has no related criterion). When a rule is fully met, no reference to the related criterion needs to be made. Where there is a departure from a rule, or where a criterion only applies, the onus is on the applicant to demonstrate, through supporting drawings and/or documentation, that the relevant criterion is satisfied. In addition, the applicant for proposals in the impact track must justify any non-compliance by reference to the Statement of Strategic Directions.

Estate development plans are ordinarily assessed under the **merit track**.

Code hierarchy

Under the *Planning and Development Act 2007* where more than one type of code applies to a development and there is inconsistency between provisions, the order of precedence is: precinct code, development code, and general code.

Precinct codes and concept plans

Precinct codes and concept plans may apply to certain areas. These documents contain more detailed or site-specific provisions. Where there is an inconsistency between one of these documents and this code, the precinct code (which may be a concept plan) will prevail to the extent of that inconsistency.

General codes

The following general codes may be relevant to estate development plans.

Crime Prevention through Environmental Design General Code

Planning for Bushfire Risk Mitigation General Code

Waterways, Water Sensitive Urban Design General Code

Estate development plans

Estate development plans (EDPs) set out the proposed subdivision pattern and infrastructure works for an estate. EDPs must be submitted as development applications for approval by ACTPLA. Development approval of the EDP is required before design acceptance can be obtained from TAMS, works can commence and leases issued for the subdivided blocks. The EDP is assessed against the relevant parts of this code and any applicable structure plan or precinct code. TCCS

An EDP that relates to a future urban area must comply with section 94 of the *Planning and Development Act 2007*. For land that is not future urban area, or subject to a precinct code, an EDP will be assessed primarily against this code.

Future urban areas

An estate development plan may introduce additional ongoing provisions relating to particular blocks or areas within a future urban area providing such provisions are not inconsistent with the objectives of the applicable zone and to any concept plan applying to the area. At the discretion of ACTPLA these provisions may be incorporated into the Territory Plan under s96(2) of the *Planning and Development Act 2007*, typically in a precinct code. Section 115 of the *Planning and Development Act 2007* would apply where there is any inconsistency between a provision in a precinct code and this code.

Figure 3

ACT Government
Transport Canberra and City Services

[redacted]

Dear [redacted]

Freedom of Information Request - Reference 19-019

I refer to your application made under the *Freedom of Information Act 2016* (the FOI Act), which was received by Transport Canberra and City Services Directorate (TCCS) on 27 February 2019, in which you sought access to documents about Blocks 2, 3, 4, 5, 6 and 7 Section 28 Greenway. You request was in 21 parts with subparts. Your full request is at attachment A for reference.

I apologise for the delay in processing your application and appreciate the extensions that you provided to 23 May 2019. Unfortunately, due to circumstances outside our control, your request was unable to be completed in the time you agreed to. As a result your request has been reported to the ombudsman under section 39 as out of time.

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 and reasons

I am advised that you made an applicant to the Environment Planning and Sustainable Development Directorate (EPSDD) in the same or similar terms. The documents that you are seeking are documents that are under the functional responsibility of and have originated in EPSDD and are better sought from that agency. TCCS also partially transferred your request to EPSDD.

On or about 10 April 2019, the FOI coordinator contacted you and explained that the documents that you were seeking under parts 1-18 and Part 21 were potentially in the possession of EPSDD and the Suburban Land Agency or Ministers. At that time, you did not agree to withdraw or to reduce your request.

Parts 1-17

In relation to your request under part 1 – 17. Any documents that might be held in relation to these parts would be ancillary to the functions of TCCS and difficult to locate except for documents in relation to rubbish and littering which are functions of this Directorate (see below).

I have decided to refuse to deal with these parts under your application as an unreasonable and substantial diversion of resources. As the documents in these parts do not relate to functions of TCCS, a search would need to be extensive as the documents would be ancillary to the work of the Directorate. I do not believe that the public

interest would be advanced, or the use of resources justified in investing resources. This is because you are currently also seeking the information from another agency that has functional responsibility for the information you are seeking.

The only exception to this is in relation to rubbish (waste management) and littering (dumping) which is an operational function held by TCCS. I can confirm that no documents about rubbish collection or about litter or litter collection on these blocks have been identified. I am therefore refusing access to documents on the ground that no documents exist under part 13 (h) – *any documents relating to the land and rubbish* and part 14 - *any documents relating to the use of the land or part of the land as a dumping site or waste disposal ground.*

Part 18 and 21

I note that in relation to part 18 and 21 you are seeking documents that evidence communications with Ministers and between Ministers. Other than documents I am releasing under Part 19, TCCS does not hold communications between TCCS and Ministers which fall within the scope of your request under Part 18 and 21. As no documents are held this amounts to a technical refusal for part 18 and 21.

Part 20

In the case of part 20, I am refusing to deal with this part of the application as an unreasonable and substantial diversion of resources. The extent of internal communications on the subject matters listed in parts 1-19 cannot be contained to a manageable and searchable number of communications. Further in identifying the subject areas a search against subject matters for the land in question would add another layer of searching that will not necessarily reveal that this directorate holds any documents. I do not believe that the public interest is serviced particularly as there are other government Agencies that have functional responsibility for the subject matters that are listed in parts 1-17 that you sought documents from under the FOI Act.

Part 19

A large number of documents have been located under part 19 of your request which seeks any correspondence or documents evidencing communications between TCCS and other entities in relation to the matters raised in paragraphs 1-17 inclusive.

These documents relate to the Directorate's functional responsibilities in providing advice to EPSD about land development and potential creation of government assets; potential municipal servicing of developed land (eg. such as ensuring that rubbish collection can be undertaken); and for asset acceptance (eg. compliance with Australian standards and cost management) and construction considerations (eg. road permits).

As a result of these functions, TCCS is copied into and consulted in the details of development applications etc.

I have decided to release communications but have decided that attachments to communications that take the form of documents owned or under the control of EPSD or

the Land Development Office, provided to TCCS for information, are out of scope of your request. Meeting minutes have also been removed as out of scope as I understand these are documents of the Land Development Agency (EPSDD) even if the minutes were prepared by different entities attending the meetings. These attachments do not form part of evidencing external communications with other agencies or entities. The communication is evidenced by the email communications which I have decided to partially release to you.

I considered the situation if these documents were within scope. In that situation I would be required to consult on the release or otherwise of documents that are the functional responsibility of another agency. This would potentially raise issues of unreasonable and substantial diversion of resources. This is in a situation where these documents will probably have been identified by another agency as falling under your FOI request to that agency.

If there are attachments to the email communications that you wished to access that I have ruled out of scope, I would be happy to consider a further information access application in relation to these documents.

I have included within scope documents which have been produced by or on behalf of TCCS and are attached to the identified communications.

Decision on access to documents under Part 19

I have identified 452 pages that fall within the scope of your request.

The documents contain information that I consider to be, on balance, contrary to the public interest to disclose under the test set out in section 17 of the Act.

I have decided to grant access, under section 50 of the Act, to the documents with deletions applied to information that I consider would be contrary to the public interest to disclose.

Statement of Reasons

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

The Act, in particular:

Factors favouring disclosure

- 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) (i)Promote open discussion of public affairs and enhance the governments accountability.

Factors favouring nondisclosure in the public interest

- 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*;

- Schedule 2.2 (a)(xi) prejudice trade secrets, business affairs or research of an agency or person;
- Schedule 2.2 (a)(xvi) prejudice the deliberative processes of government.

The information that I have identified under part 19 are communications (emails) that detail negotiations; discussions; analysis; and, technical problem solving about the infrastructure that supports the development of the land identified. These communications are between TCCS officers and other government agencies and with building and engineering consultants engaged by government or others.

Other of the communications are related to the community response to the development on these blocks and resolution of issues through communications to government made by or on behalf of the Tuggeranong Community Council. You will note communications with the relevant Minister's office.

Some of the information contained in the communications is deliberative and does not necessarily reflect the final outcomes or the decisions made. This is a factor that favours nondisclosure in the public interest. Balanced against this are factors that I cannot take into consideration when accessing the public interest. These include factors that may result in a person misinterpreting or misunderstanding the information or where access to the information could result in confusion or unnecessary debate (section 17).

In the interests of pro-disclosure and open government (Section 9 of the FOI Act) I have decided to release these documents to you even though they do not necessarily reflect final decisions that were made about the development.

Some of information is copyright. Specifically the *TCCS DRC Design Review Report , Greenway Section 28-Footpath* prepared by Cardno. The document has been prepared for the benefit and use of TCCS in assessing planning infrastructure over the land in question. Because it has been prepared for this purpose, I have decided that the report is in the public interest to provide to you under the FOI Act under the general right to access government information. I have decided to redact construction drawings both as copyright but also because their release could affect the business affairs of an entity as they provide methodology and information that may have a commercial value.

You should be aware however that the FOI Act does not displace the Commonwealth *Copyright Act 1968* and the use of the material. As a result, I will not be publishing the copyright papers on line even if I have released in part to you.

Personal information

Personal information has been removed. This includes names; contact details of non-government individuals; and signatures. I have decided to remove this information as personal information that could prejudice the protection of an individual's right to privacy or any other right under the *Human Rights Act 2004* (Schedule 2.2(a)(ii)). Names and contact details of government employees have not been redacted.

Charges

I have decided to waive fees.

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 will be published in the TCCS disclosure log from 3 days after the date of this decision. Your personal details will not be published.

You may view TCCS' disclosure log at www.tccs.act.gov.au/about-us/freedom_of_information.

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:

The 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(1) 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
Level 4, 1 Moore Street
GPO Box 370
CANBERRA CITY ACT 2601
Telephone: (02) 6207 1740
www.acat.act.gov.au

If you have any questions concerning the directorate's processing of your request, or would like further information, please contact the directorate's FOI Coordinator on 6205 5408 or email tccs.foi@act.gov.au.

Yours sincerely

Cherie Hughes
Information Officer
7 June 2019

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Follow Up Flag: Follow up
Due By: Tuesday, 7 March 2017 11:00 AM
Flag Status: Flagged

Hi Jeff

I will respond to an email which came directly to me from [redacted]. Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

. .ould appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

Simon Lansdown | Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,
The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone **02 6207 6581** | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

rl Cloos, Senior Manager Strategic Planning and Development
hone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 | www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

or review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area I took on the role in 2011 as convenor of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

From: Jatheendran, Lingam
Sent: Tuesday, 17 November 2015 10:48 AM
To: Roulston, David; Joseph, Gabriel
Cc: Bell, Jeff
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

David

The questions are not very clear. Currently Mortimer Lewis Drive has two access points from Drakeford Drive. The southern access with a left in and left out traffic arrangement and the northern access is a four way signalised intersection allowing all movements.

It appears that the request by TCC is for the southern access (Left in and Left out) to be converted to a full intersection. This should be subject to further traffic studies as such move will reduce the midblock capacity of Drakeford Drive. Having said this, the existing network arrangement is more than adequate to carry the traffic generated by the existing developments and any future developments , if there are any. This will be tested and confirmed at the time of the development application for any future developments in the area.

We also acknowledge that the layout of Mortimer Lewis Drive is not conducive for smooth driving as it traverse through irregular shaped land mass surrounding the lake, and may encourage young drivers to speed to feel the effects of sharp and reverse curves. If this behaviour persist, local area traffic management could be implemented to improve safety in consultation with the residence in the area. This exercise should be initiated by Roads ACT as they are responsible for the day to day traffic operation of the network.

To date we have not received any DA for residential developments in East Greenway.

Lingam

From: Roulston, David
Sent: Friday, 13 November 2015 8:01 AM
To: Jatheendran, Lingam
Cc: Bell, Jeff; Joseph, Gabriel
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Lingam can you have a look at this please and provide some comments form AA?

Regards,

David

DAVID ROULSTON AIPM CPPD
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au

"Helping you to build our community"

"One Government One ACT Public Service"

From: McHugh, Ben
Sent: Thursday, 12 November 2015 5:32 PM
To: Gill, Tony; Roulston, David
Cc: Cloos, Karl
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Hi Tony, David,

Tony, are you able to nominate a Roads ACT contact to respond to question 1.

Question 2 might be for your team David?

Thanks

Ben

From: [redacted]
Sent: Wednesday, 11 November 2015 5:49 PM
To: McHugh, Ben
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Good Afternoon Ben,

Thank you for attending and your presentation to the Tuggeranong Community Council 3rd November Meeting. Unfortunately it seems each year that the November meetings falling on Melbourne Cup Day continues to affect our attendance numbers.

In reference to my inquiries at the Meeting re the rezoning of the East Greenway lakeside suburb and in particular the traffic and southern exit from Mortimer Lewis Drive.

As requested I will list the concerns of the Greenway residents. The residents share this area with numerous visitors to the lake and the regional dog exercise area. The residents note that the weekends and all school holidays create extra traffic to the area and it has been noted that they are not familiar with this lakeside road and its blind bend sections, leading to some dangerous driving at times. One young driver did a complete 360deg turn-a-round at one bend due to taking it too fast (witnessed by a resident from his front garden). This could have caused a fatality. The traffic crossing from Taverner Street, Oxley direct into Mortimer Lewis Drive on a green light also seem to continue into our lakeside road at 80km, particularly younger drivers. The residents in the townhouses on the corner of Drakeford Drive/Mortimer Lewis report numerous problems and noise levels.

Question 1. What decisions have been made re opening the southern exit of Mortimer Lewis Drive to Drakeford Drive for residents and all the visitors to the lake and dog exercise area who wish to exit south?

Question 2. The future four storey apartment block and townhouses that will be built at the southern end of Mortimer Lewis Drive (opposite the dog exercise area) and will certainly add a large number of extra vehicles on the narrow blind bends in our lakeside road creating further problems for residents in East Greenway. This new project will need a second exit from Mortimer Lewis Drive as to date there is only one exit south from this lakeside road to enter Drakeford Drive Highway.

I was advised by Tony Gill post meeting, as we left the venue, to also discuss this problem with Minister Mick Gentleman. I have now had discussions with Minister Gentleman. I have been advised that he would certainly look into the situation. I advised the Minister that the exit could be opened with special road signs (ENTER WITH CARE) at two sections on the highway so eliminating the need for a round-a-bout and the section does not need traffic lights to add to the number already on Drakeford Drive.

At the meeting I also raised the problem of a very dangerous section on Athllon Drive prior to turning into Sulwood Drive. This section will be hazardous for drivers who may pull over to take mobile phone calls etc. The section requires changes or white reflector poles similar to the number added to the Tuggeranong Parkway. The TCC Treasurer, [redacted] has taken photos of the area for me and has advised Tony also of his concerns re this setion. This information may be of assistance to Mr Ross Schofield who assisted in the correction of Drakeford Drive open sumps.

For further information re the problems mentioned please do not hesitate to contact me. As I am also Convenor of the East Greenway Action Group for the past five years to improve the infrastructure in our lakeside suburb, I will continue to keep the residents updated on their concerns.

Kind Regards,

[redacted]

[redacted]
Public Officer
Second Vice President
Tuggeranong Community Council
PO Box 455
Erindale Centre ACT 2903
[redacted]

From: Bell, Jeff
Sent: Wednesday, 15 August 2018 11:20 AM
To: [redacted] Henriquez, Jose
Cc: Alex McLennan; Aster-Stater, Alek; Horton, Claire
Subject: RE: 180396 - In-Principal Support - Block 3 Section 28 Greenway

Hi [redacted]
TCCS provides in-principle support for shared kerbside collection for waste and recycling, subject to the following conditions:

- Collection frequency:
  - Waste - 1 collection per week
  - Recycling – 1 collection per fortnight
  - Green Waste – 1 collection per fortnight
- Waste and recycling generation rates are to be in accordance with TCCS' Engineering Advisory Note 07 (EAN 7) – Revised Waste and Recycling Allocation (http://www.tccs.act.gov.au/__data/assets/pdf_file/0007/1085245/Engineering-Advisory-note-7-Revised-Waste-and-Recycling-Allocation.pdf)
- It must be demonstrated that the kerbside collection points do not impact on any existing infrastructure e.g. street trees, driveways, street lights, street signs, footpaths, etc.
- No bins are to be placed beyond the start of the barrier line on Mortimer Lewis Drive.
- To minimise the number of bins to be collected, 240 litre waste and 360 litre recycling bins are to be used.
- The developer must undertake to ensure that a site manager will be responsible for placing and storing the bins on the day of collection.
- Provision should be made for the on-site storage of 6 x 240l MGBs for Green Waste.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: Jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate |ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: [redacted]
Sent: Monday, 23 July 2018 5:03 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Cc: [redacted]
Subject: 180396 - In-Principal Support - Block 3 Section 28 Greenway

Good afternoon Jeff,

We are seeking in-principal support from TCCS for combined waste and recycling bins as well as kerbside waste collection for 25 dwellings at Block 3 Section 28 Greenway.

We are proposing that the above development have shared MGB's at waste collection points that will be transported to the kerb by building management for kerbside collection. Please refer to the attached sketch for details.

The proposed development will consist of 25 units of mixed sizes, (5 * 2 bedroom, 12 * 3 bedrooms and 8 * 4 bedrooms) and will require 5 * 360L waste MGB's collected twice a week and 8 * 360L recycling MGB's collected once a week.

Can you please review and endorse so we are able to progress with DA documentation?

If you have any question please do not hesitate to call.

Regards,

[redacted]
Sellick Consultants Pty Ltd

sellick consultants
structural civil hydraulic façade engineers
canberra | sydney | brisbane

P: **02 6201 0200** F: **02 6247 2203**
Canberra: **24 Lonsdale Street, Suite 122 Mode 3, Braddon ACT 2612**
Sydney: **99 Mount St, Suite 1601, Level 16, North Sydney NSW 2060**
Brisbane: **410 Queen St, Level 1, Brisbane QLD 4000**
E: [redacted] W: www.sellickconsultants.com.au

Message protected by MailGuard: e-mail anti-virus, anti-spam and content filtering.
http://www.mailguard.com.au/mg

From: [redacted]
Sent: Friday, 27 May 2016 10:02 AM
To: Deschamps, Chris; Arul, Adrian
Cc: Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Hi Chris, I expect that LDA would only fund the lighting upgrade if the existing lighting was deficient. As the existing lighting meets the current standards I cannot see them wanting to spend money unnecessarily upgrading conforming lighting at their expense. However Adrian I would think that is an LDA decision – Adrian, your thoughts please?

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone: [redacted]
E-mail: [redacted]

From: Deschamps, Chris [mailto:Chris.Deschamps@act.gov.au]
Sent: Thursday, 26 May 2016 6:34 PM
To: [redacted]
Cc: Arul, Adrian; Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Hi [redacted]

Does the budget cover LED lights in this area, if enough time is given I can principally supplied.

Regards

Chris Deschamps
Street Light & Asset Acceptance Co-ordinator
TAMS

Ph 02 62076222
Fax 6207 6587
Mob [redacted]

chris.deschamps@act.gov.au

From: [redacted]
Sent: Thursday, 26 May 2016 5:30 PM
To: [redacted]
Cc: Arul, Adrian; Deschamps, Chris; Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Thanks [redacted] I have talked to Chris Deschamps and he advised that P4 is acceptable for a Minor Collector Road (boundary to boundary) and they are using P4 in the new suburbs.

I confirm your advice that the lights will meet P4 however some of the diffusers are missing and a few luminaires have been replaced with metal halides. These minor defects should be covered under TAMS maintenance and I do not consider them as off site works required as part of the development.

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone: [redacted]
E-mail: [redacted]

From: [redacted]
Sent: Thursday, 26 May 2016 1:37 PM
To: [redacted]
Subject: RE: B2 S28 Greenway

Hi [redacted]

The existing lighting installed along Mortimer Lewis Drive is based on 6.5m mounting height columns complete with a mixture of luminaires which we could summarise as 42w CFL luminaires.

As such I have produced spacing tables for both P4 and P3 lighting levels. With new luminaires the existing lighting level is approximately P4.

TAMS (as the controlling road authority) should be able to provide input as to P4 being appropriate for this type of road.

I see that there is on road parking planned for the western section. It might pay for additional lighting to be provided in this area.

I have attached draft spacing tables for your information.

Regards

[redacted]

L 3D LEVEL 3
DESIGN
[redacted]
ABN 45 678 101 976
Mobile [redacted]
[redacted]
www.L3D.net.au

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From: Deschamps, Chris
Sent: Thursday, 26 May 2016 6:34 PM
To: [redacted]
Cc: Arul, Adrian; Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Hi [redacted]

Does the budget cover LED lights in this area, if enough time is given I can principally supplied.

Regards

Chris Deschamps
Street Light & Asset Acceptance Co-ordinator
TAMS

Ph 02 62076222
Fax 6207 6587
Mob [redacted]

chris.deschamps@act.gov.au

From: [redacted]
Sent: Thursday, 26 May 2016 5:30 PM
To: [redacted]
Cc: Arul, Adrian; Deschamps, Chris; Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Thanks [redacted] I have talked to Chris Deschamps and he advised that P4 is acceptable for a Minor Collector Road (boundary to boundary) and they are using P4 in the new suburbs.

I confirm your advice that the lights will meet P4 however some of the diffusers are missing and a few luminaires have been replaced with metal halides. These minor defects should be covered under TAMS maintenance and I do not consider them as off site works required as part of the development.

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
E-mail: [redacted]

From: [redacted]
Sent: Thursday, 26 May 2016 1:37 PM
To: [redacted]
Subject: RE: B2 S28 Greenway

Hi [redacted]

The existing lighting installed along Mortimer Lewis Drive is based on 6.5m mounting height columns complete with a mixture of luminaires which we could summarise as 42w CFL luminaires.

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I see that there is on road parking planned for the western section. It might pay for additional lighting to be provided in this area.

I have attached draft spacing tables for your information.

Regards

[redacted]

L 3D LEVEL 3
DESIGN
[redacted]
ABN 45 678 101 976
Mobile [redacted]
[redacted]
www.L3D.net.au

From: [redacted]
Sent: Thursday, 26 May 2016 5:30 PM
To: [redacted]
Cc: Arul, Adrian; Deschamps, Chris; Bell, Jeff; Durie, Lea
Subject: RE: B2 S28 Greenway

Thanks Neil, I have talked to Chris Deschamps and he advised that P4 is acceptable for a Minor Collector Road (boundary to boundary) and they are using P4 in the new suburbs.

I confirm your advice that the lights will meet P4 however some of the diffusers are missing and a few luminaires have been replaced with metal halides. These minor defects should be covered under TAMS maintenance and I do not consider them as off site works required as part of the development.

Regards

[redacted]
D Gossip Pty Ltd
[redacted]

From: [redacted]
Sent: Thursday, 26 May 2016 1:37 PM
To: [redacted]
Subject: RE: B2 S28 Greenway

Hi [redacted]

The existing lighting installed along Mortimer Lewis Drive is based on 6.5m mounting height columns complete with a mixture of luminaires which we could summarise as 42w CFL luminaires.

As such I have produced spacing tables for both P4 and P3 lighting levels. With new luminaires the existing lighting level is approximately P4.

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I have attached draft spacing tables for your information.

Regards

[redacted]

L 3D LEVEL 3
DESIGN
[redacted]
ABN 45 678 101 976

Mobile [redacted]

[redacted]

www.L3D.net.au

From: [redacted]
Sent: Thursday, 10 March 2016 5:34 PM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]; Arul, Adrian
Subject: RE: B2 S28 Greenway SIR
Attachments: 3002492.01 Greenway Overland Flow Study v2.pdf

Hi Heather, apologies about the delay in sending this to you. I accepted the email and did not read your request until now.

I fill forward the following information to you and will need to send a few emails due to file size.

1. Overland flow study (attached)
2. SIR for whole block from 4 years ago – I understand that this was not previously circulated

It is expected that the whole block will now be split into 3 segments (divided by the 2 drainage paths) and will have a max of 347 units. A traffic report was undertaken for a smaller development (150 units) however by tomorrow's meeting we should have some raw data that we can discuss as I understand that the existing facilities will have a unacceptable level of service at approx 200 units.

Items we would like to discuss tomorrow are:

- Preference for treatment of overland flow paths
- Upgrade of existing Mortimer Lewis Dr/ Drakeford Dr northern signals or possible new signalised intersection at the existing left in left out southern connection
- Verge widths
- Requirement for new paths and rerouting of the existing MCR
- Requirements for kerbs
- Impact on Trees
- Possible requirement for sewer rising main
- Fill required within the block to stay above the 1:100 year flood line plus freeboard

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]

-----Original Appointment-----
From: Rae, Heather [mailto:Heather.Rae@act.gov.au]
Sent: Tuesday, 8 March 2016 11:41 AM
To: Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

[redacted]

Please send through preliminary plans and any background information that would assist understanding.

Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

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: Roulston, David
Sent: Thursday, 10 March 2016 5:45 PM
To: Joseph, Gabriel; Chowdhury, Abu Sayem
Cc: Bell, Jeff; Rae, Heather
Subject: RE: B2 S28 Greenway SIR - Need to meet please

Access in and out of the development is a critical issue for locals that needs to be addressed and how it impacts Drakeford Drive

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |

david.roulston@act.gov.au

" Helping you to build our community"

"One Government One ACT Public Service"

From: Joseph, Gabriel
Sent: Thursday, 10 March 2016 5:24 PM
To: Chowdhury, Abu Sayem; Roulston, David
Cc: Bell, Jeff; Rae, Heather
Subject: RE: B2 S28 Greenway SIR - Need to meet please

Sayem

Jeff did mention this to me and I asked him to cover all the traffic related issues. Look at all all the traffic, parking, pedestrian, waste, landscape related issues.

Gabriel

From: Chowdhury, Abu Sayem
Sent: Thursday, 10 March 2016 5:04 PM
To: Joseph, Gabriel; Roulston, David
Cc: Bell, Jeff; Rae, Heather
Subject: FW: B2 S28 Greenway SIR - Need to meet please

Hi Gabriel / David

This request came for the new development in Mortimer Lewis Drive Greenway – remember Canberra Times coverage few days back? Heather and myself going to meet [redacted] tomorrow. Please let us know if you have any particular issue to raise in our meeting.
Thanks
Sayem

Abu Sayem Chowdhury
Senior Engineer - Development Assessment

Asset Acceptance | Territory Asset Information & Management
Infrastructure, Roads & Public Transport
Territory & Municipal Services Directorate (TAMS) | ACT Government

☎Ph: (02) 6205 9091 | 🖷 Fax: (02) 6207 7484 ✉Email: abusayem.chowdhury@act.gov.au

"Great Services - Quality Assets - Better Lifestyles"

From: Jatheendran, Lingam
Sent: Tuesday, 8 March 2016 9:57 AM
To: Bell, Jeff; Joseph, Gabriel
Cc: Chowdhury, Abu Sayem
Subject: FW: B2 S28 Greenway SIR - Need to meet please

Jeff

It is a pre DA issue unless Gabriel wanted to treat differently.

Lingam

From: [redacted]
Sent: Monday, 7 March 2016 3:35 PM
To: Arul, Adrian; Jatheendran, Lingam
Subject: B2 S28 Greenway SIR - Need to meet please

Hi Lingam, we are preparing an SIR for LDA for the above block. There are some constraints on this fairly large block and we would like to meet with you to discuss the constraints and have some preliminary discussions on the way forward to develop the site. Can you please advise some dates that you are available to meet. I will also bring along a flood report that SMEC prepared that has a few options in as I would like to discuss the options with you.

I am available on [redacted] Can you pease let me kow what day and time suit you.

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone: [redacted]
E-mail: [redacted]

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Abu Sayem Chowdhury
Senior Engineer - Development Assessment

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☎Ph: (02) 6205 9091 | 🖷 Fax: (02) 6207 7484 ✉Email: abusayem.chowdhury@act.gov.au

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Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone: [redacted]
E-mail: [redacted]

From: Roulston, David
Sent: Friday, 11 March 2016 6:38 AM
To: Joseph, Gabriel
Cc: Chowdhury, Abu Sayem; Bell, Jeff; Rae, Heather
Subject: Re: B2 S28 Greenway SIR - Need to meet please

Gabriel,

Please look at the issues raised by the residents council email I sent a week or so ago.

This was manly access in and out, traffic volumes and speeds on the internal roads and the traffic issues associated with the dog park and other lake activities.

Regards

David Roulston MAIPM CPPD
Director
Operational Support Branch

Sent from my iPhone

On 10 Mar 2016, at 5:24 PM, Joseph, Gabriel <Gabriel.Joseph@act.gov.au> wrote:

> Sayem
> Jeff did mention this to me and I asked him to cover all the traffic related issues. Look at all all the traffic, parking, pedestrian, waste, landscape related issues.
> Gabriel
>
> **From:** Chowdhury, Abu Sayem
> **Sent:** Thursday, 10 March 2016 5:04 PM
> **To:** Joseph, Gabriel; Roulston, David
> **Cc:** Bell, Jeff; Rae, Heather
> **Subject:** FW: B2 S28 Greenway SIR - Need to meet please
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> Sayem
> ***Abu Sayem Chowdhury***
> ***Senior Engineer - Development Assessment***
> **Asset Acceptance | Territory Asset Information & Management**
> **Infrastructure, Roads & Public Transport**
> **Territory & Municipal Services Directorate (TAMS) | ACT Government**
> ☎Ph: (02) 6205 9091 | 🖷 Fax: (02) 6207 7484 ✉Email: abusayem.chowdhury@act.gov.au
> ***"Great Services - Quality Assets - Better Lifestyles"***
>
> **From:** Jatheendran, Lingam
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> **To:** Bell, Jeff; Joseph, Gabriel
> **Cc:** Chowdhury, Abu Sayem
> **Subject:** FW: B2 S28 Greenway SIR - Need to meet please
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I am available on [redacted] Can you pease let me kow what day and time suit you.

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone: [redacted]
E-mail: [redacted]

From: Arul, Adrian
Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

Dear All

Thank you for attending and providing your input to the meeting.

Please find attached the minutes of the meeting.

Meeting Minutes TAMSGreenway...

The meeting was arranged to update the previous Site Investigation Report (2012) for the purpose of determining minor works to service the site.

Please keep in mind the urgency of the project, Thanks.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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-----Original Appointment-----
From: Rae, Heather
Sent: Thursday, 10 March 2016 4:56 PM
To: Rae, Heather; Arul, Adrian; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: FW: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

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From: Rae, Heather
Sent: Tuesday, 8 March 2016 11:41 AM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
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[redacted]

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Kind regards
Heather

From: Upreti, Sushma
Sent: Wednesday, 15 November 2017 11:14 AM
To: Varlow, Trent
Cc: Chowdhury, Abu Sayem; Cilliers, George
Subject: RE: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Trent

Thank you for your concern.

Block 2 Section 28, Greenway EDP was prepared in 2016. The site is now divided into blocks 3, 4 and 5. Traffic Impact Assessment for the combined development was prepared in 2016 and was submitted at DA stage (DA 201731192). The report was prepared for the combined development of up to 350 residential dwellings on Section 28 Block 2 and identified that the proposed development would have minimal impact on the performance of the two Mortimer Lewis Drive intersections with Drakeford Drive.

The proposed development on Section 28 block 5 is consistent with the approved EDP which was previously checked and approved.
TCCS do not have any further comments in relation to traffic impact at this stage.

Any representations received on this matter should be addressed by the proponent.

Please do not hesitate to contact me should you have any questions.

Thank you.

Regards,
Sushma Upreti

From: Varlow, Trent
Sent: Wednesday, 15 November 2017 9:58 AM
To: Upreti, Sushma <Sushma.Upreti@act.gov.au>
Cc: Chowdhury, Abu Sayem <AbuSayem.Chowdhury@act.gov.au>; Cilliers, George <George.Cilliers@act.gov.au>
Subject: FW: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]

Good morning,

Thank you for your timely response in providing comments, I was hoping it were possible that you could provide comments in relation to traffic as the representations received focus on the theme of traffic in the local area and exits to major roads.

Kind Regards

Trent Varlow

Assessment Officer | Commercial Team
Development Assessment | Planning Delivery Division
Environment, Planning and Sustainable Development | ACT Government
Phone 02 6207 6632 | Email trent.varlow@act.gov.au

Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT

From: Upreti, Sushma
Sent: Tuesday, 14 November 2017 9:58 AM
To: EPD, Customer Services <EPDCustomerServices@act.gov.au>; Varlow, Trent <Trent.Varlow@act.gov.au>
Cc: TCCS_CW DRCDACOORD <TCCS.DACOORD@act.gov.au>; Chowdhury, Abu Sayem <AbuSayem.Chowdhury@act.gov.au>
Subject: RE: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Trent,

I had asked the consultant to provide additional information for clarification and have attached within to be included in the project folder. Below is TCCS response.

Dear App Sec,

DEVELOPMENT APPLICATION NO: 201732193-S141A
Project Description:
PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

BLOCK: 5	**SECTION: 28**	**SUBURB: Greenway**

This DA has been assessed in regards to the following:

Traffic		Driveways	X
On Street / Public Parking Facility		LMPP/Street Trees	X
Public Transport		Street Lighting	X
Waste Management	X	Pedestrian Footpath	X
Stormwater	X	Service / Access Easement	
Demolition		Estate Development Plan (EDP)	
Further Information	X	Amendments/Additions/Alterations	
Lease Variation		Capital Works	

X = Areas Assessed.

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	X
That Further Information Is Required	
That It Is Not Supported	

Conditions

1. **The driveways must be constructed in accordance with TCCS Design Standards.**
2. **Any infrastructure assets such as street lighting, mini-pillars, signage etc must be a minimum of 1.5m away from the closest edge of the driveway.**
3. **A clear sight triangle must be provided in accordance with the section 3.2.4 of the Australian Standard for Parking facilities AS 2890.1 Off-street Car Parking.**
4. **The proponent must complete all the off-site works in accordance with the approved EDP Plans (footpath, pram crossings etc).**
5. **The developer will be held responsible for the correctness of the design and construction of waste enclosure to accommodate all the hoppers required for the development in accordance with the Waste**

and Recycle Management Code for the ACT (Waste Code) 2016 or its latest version. The civil consultant must provide a certification of compliance with supporting documents to Development Review Coordination section of TCCS at the Design Review stage. The supporting documents must include a fully dimensioned floor plan of the enclosure showing the actual arrangements of hoppers / bins within the waste enclosure.

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **The proponent has provided an updated plan (Site Works Plan C040 v C) including construction of 2.0m wide footpath and two pram crossings in front of the dog park on south of the block accordance with the EDP. This must be consistent across all plans of this DA proposal.**

Thank you.

Regards,
Sushma Upreti

From: EPD, Customer Services
Sent: Friday, 27 October 2017 4:20 PM
To: TCCS_CW DRCDA <TCCS.DA@act.gov.au>
Subject: REFERRAL-TCCS-201732193-S141A-5/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201732193-S141A

BLOCK: 5 SECTION: 28 DIVISION: GREENWAY

Description: PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

Pursuant to Section 148(1) of the Planning and Development Act 2007 the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(17/11/2017)**.

In accordance with Section 150 of the Planning and Development Act 2007 If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services –

EPDcustomerservices@act.gov.au

Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-20080XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-Heritage-200801234-Block 10 Section 10 Dickson-01

Regards

Kind Regards,
Courtney Adams
Customer service Officer
Access Canberra | ACT Government
Environment, Planning and Land Building Services
16 Challis Street, Dickson | 8 Darling Street, Mitchell
Phone: 02 6207 1923| Email: EPDCustomerServices@act.gov.au
GPO Box 158, Canberra City ACT 2601 | www.act.gov.au/accessCBR



Land titles and revenue services are moving to Dame Pattie Menzies House, 16 Challis Street, Dickson and will be co-located with the Access Canberra Environment, Planning and Land Shopfront. These services will be available at this new location from 1 December 2016. For more information visit ***www.act.gov.au/accessCBR***

From: Upreti, Sushma
Sent: Tuesday, 14 November 2017 9:58 AM
To: EPD, Customer Services; Varlow, Trent
Cc: TCCS_CW DRCDACOORD; Chowdhury, Abu Sayem
Subject: RE: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]
Attachments: C060 C.PDF; C040 C.pdf; C041 B.pdf; 170606 -Waste Recycling and Management Plan Form.pdf; 170606 -Waste Recyclign and Management Plan Form -Attachment A.PDF

Hello Trent,

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On Street / Public Parking Facility		LMPP/Street Trees	X
Public Transport		Street Lighting	X
Waste Management	X	Pedestrian Footpath	X
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That It Is Supported	
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Conditions

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Regards,
Sushma Upreti

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Sent: Friday, 27 October 2017 4:20 PM
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Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-20080XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-Heritage-200801234-Block 10 Section 10 Dickson-01

Regards

Kind Regards,
Courtney Adams
Customer service Officer
Access Canberra | ACT Government
Environment, Planning and Land Building Services
16 Challis Street, Dickson | 8 Darling Street, Mitchell
Phone: 02 6207 1923| Email: EPDCustomerServices@act.gov.au
GPO Box 158, Canberra City ACT 2601 | www.act.gov.au/accessCBR



Land titles and revenue services are moving to Dame Pattie Menzies House, 16 Challis Street, Dickson and will be co-located with the Access Canberra Environment, Planning and Land Shopfront. These services will be available at this new location from 1 December 2016. For more information visit ***www.act.gov.au/accessCBR***

Martyniak, Alexandra

From: Arul, Adrian
Sent: Friday, 27 May 2016 4:36 PM
To: [redacted] Bell, Jeff; Mundy, Graham; Day, Michael; Chappell, Hazel; Durie, Lea; Motha, Antony; Frank Ribeny; [redacted]
Cc: Holt, Nicholas
Subject: RE: B2 S28 Greenway - SIR, Stormwater, Floodways & Traffic [SEC=UNCLASSIFIED, DLM=For Official Use Only]

Tracking:	**Recipient**	**Read**
	[redacted]	
	Bell, Jeff	
	Mundy, Graham	
	Day, Michael	
	Chappell, Hazel	
	Durie, Lea	Read: 30/05/2016 9:48 AM
	Motha, Antony	
	Frank Ribeny	
	[redacted]	
	Holt, Nicholas	

Dear All

Thank you for attending the meeting,

Please find attached minutes of the meeting.

Meeting Minutes
MS 2 Greenw...

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

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This email and any attached files are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this mail in error please delete and notify the sender.

-----Original Appointment-----
From: [redacted]
Sent: Friday, 20 May 2016 3:42 PM

To: [redacted] Arul, Adrian; Bell, Jeff; Mundy, Graham; Day, Michael; Chappell, Hazel; Durie, Lea; Motha, Antony; Frank Ribeny; [redacted]
Subject: B2 S28 Greenway - SIR & Traffic
When: Tuesday, 24 May 2016 12:30 PM-2:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: Macarthur House - Jeff to organise a meeting room

Agenda:

1/ Traffic signals (do the signals first so Mike Day can leave before the site servicing is discussed)

2/ Mortimer Lewis Dr verge – kerb, SW etc

3/ Draft Final SIR

4/ Flood report findings

From: [redacted]
Sent: Tuesday, 12 February 2019 1:15 PM
To: Abeysekera, Ruwan
Cc: Gerard Zafico
Subject: RE: Greenway Section 28 - Footpath [SEC=UNCLASSIFIED]
Attachments: 20190208 TCCS Design Acceptance Report S28 Footpath Greenway.docx; Full Set Drawings_Updated.pdf

Categories: Yellow Category

Dear [redacted] ,

Thanks a lot for your response.

We have updated the drawings and Design Report to reflect your comments.

Answering your comments below:

1. The proposed footpath shoulder details have not provided. **Please refer to drawing 50517027-FP-1007 for typical footpath section.**
2. It is not clear the proposed verge crossing is part of this submission or not? Please clarify. **The driveway and the Pram Crossing have been removed from the scope of works. Unfortunately, last drawing 50517027-FP-1015 did show driveway and P/C, but it is not part of the Scope of Works.**
3. The Pram crossing (P/C) details also to be provided. **Pram (P/C) is not part of the scope of works.**
4. Please remove the WAE stamp from the general arrangement plan. **Removed. Please refer to attached drawings.**

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

Kind Regards,

[redacted]
PROJECT ENGINEER
CARDNO

Cardno

Phone Fax +61 2 6112 4575 Direct +61 2 6112 4575
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia

[redacted] Web www.cardno.com

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From: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Sent: Tuesday, 12 February 2019 12:03 PM
To: [redacted]
Subject: Greenway Section 28 - Footpath [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your design submission for the above development.

I have reviewed the submission and provide the following comments.

1. The proposed footpath shoulder details have not provided.
2. It is not clear the proposed verge crossing is part of this submission or not? Please clarify.
3. The Pram crossing (P/C) details also to be provided.
4. Please remove the WAE stamp from the general arrangement plan.

Kind regards.

Ruwan Abeysekera| Compliance Inspection Officer Place Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Place Coordination and Planning | Transport Canberra and City Services Directorate | ACT Government
Level 1, 490 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

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.

TCCS DRC Design Review Report

Greenway Section 28 - Footpath

50517027



Prepared for
Transport Canberra and City Services

8th February 2019

Cardno®

Contact Information

Cardno (NSW/ACT) Pty Ltd
ABN 95 001 145 035

Level 2, 14 Wormald Street
Symonston ACT 2609
Australia

www.cardno.com
Phone +61 2 6112 4500

Document Information

Prepared for	Transport Canberra and City Services
Project Name	Greenway Section 28 - Footpath
File Reference	Design Acceptance Report
Job Reference	50517027
Date	8th February 8, 2019
Version Number	1.0
Effective Date	12/02/2019
Date Approved	12/02/2019

Author(s):
[redacted]
Project Engineer

Approved:
[redacted]
Senior Design Engineer

Document History

Version	Effective Date	Description of Revision	Prepared by	Reviewed by
1.0	12/02/2019	TCCS Submission	[redacted]	[redacted]

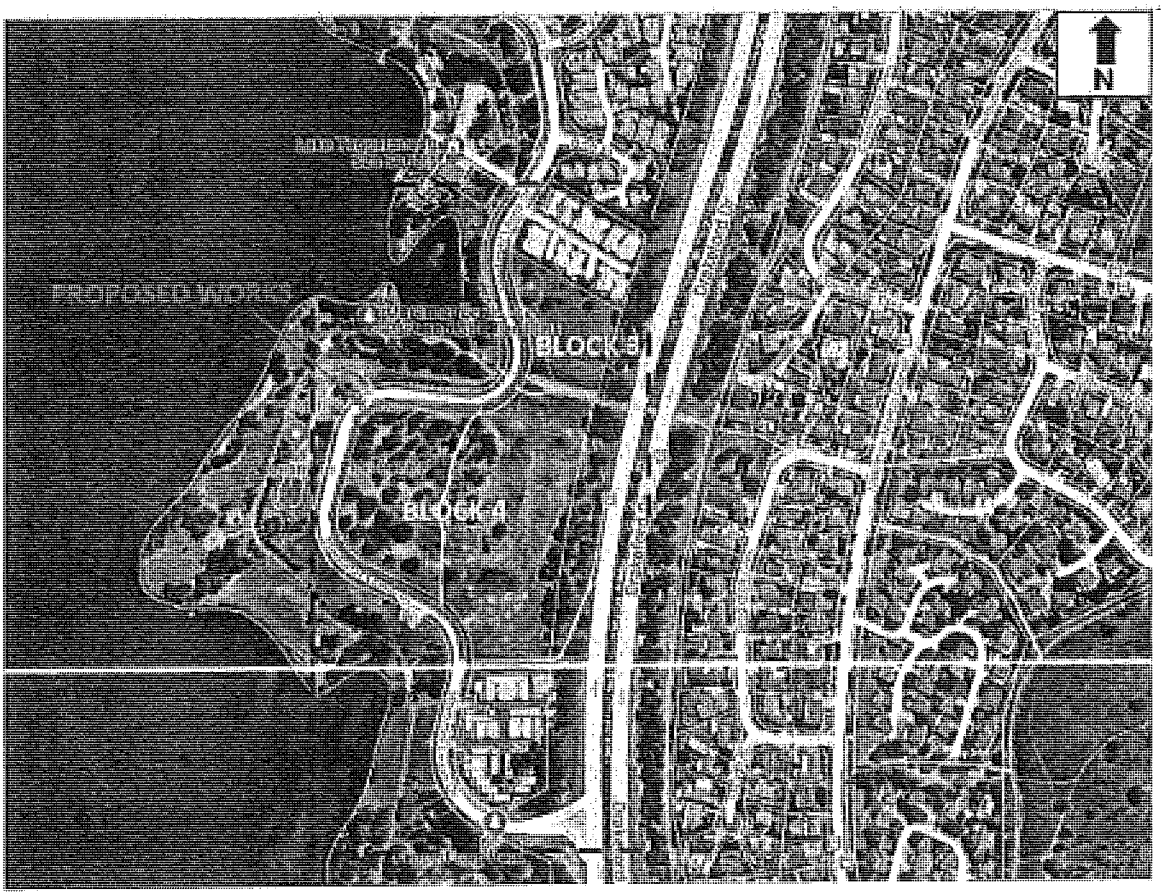
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This document is produced by Cardno solely for the benefit and use by the client in accordance with the terms of the engagement. Cardno does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

Executive Summary

The ACT Government, Suburban Land Agency, is proposing to construct a 2.0m wide footpath along Block 3 and 4, Section 28 in Greenway. Refer to **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Project Location



The ACT Government engaged Cardno to undertake the footpath detailed design along Mortimer Lewis Drive within the verge adjacent to Block 3 and 4, Section 28 in Greenway.

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Appendices

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Figure 1-1 Aerial View of the Site (2017 photography) 1

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1 Project Description

1.1 Scope of Works

Cardno was engaged by the ACT Government, Suburban Land Agency to construct a continuous footpath (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. (Refer to **Figure 1-2** for project location).

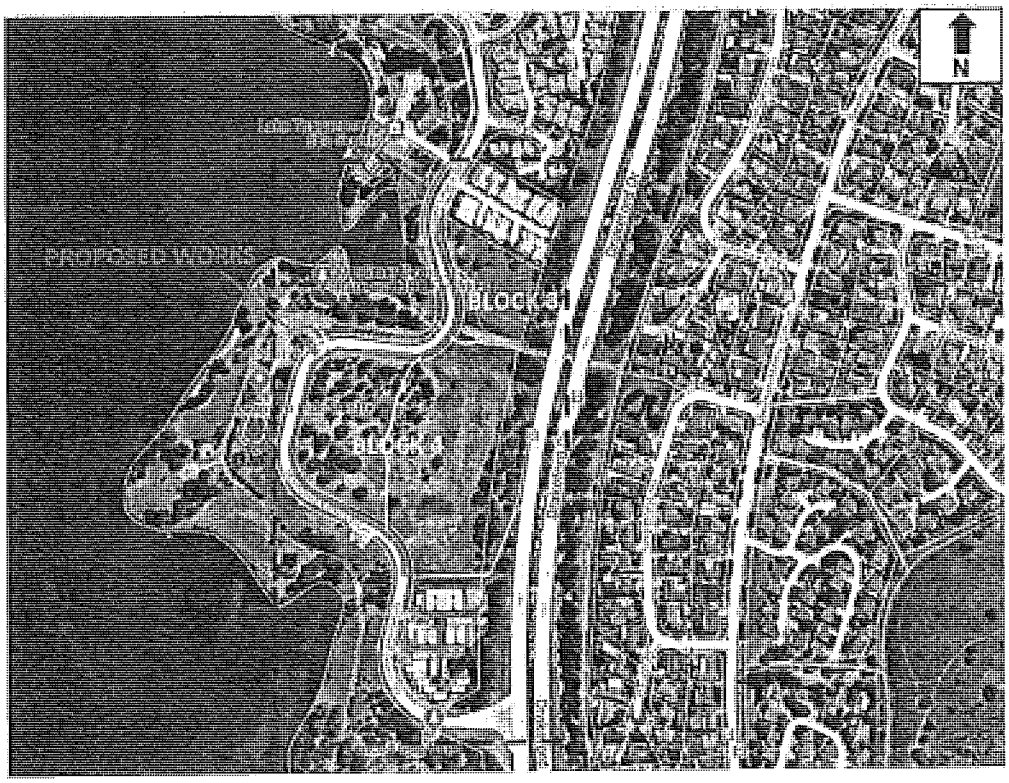
The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath. The works also includes removal of existing footpath tie-in and construction of the new concrete footpath tie-in approximately 50m2 in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

For this reason, Cardno developed the detailed design to construct a 2.0m wide footpath a along Block 3 and 4, Section 28 in Greenway. The proposed design includes the following:

- Sketches of the site depicting location of the footpath works;
- Verge Management
- Design of a 2.0m wide footpath works;
- Temporary Traffic Management;
- Details drawings.

Refer **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Aerial View of the Site (2017 photography)



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1.2 Design Standards – TCCS Ref Doc 06 Clause 6.2.3

The following standards have been consulted during the design of TCCS Assets:

> TCCS Design Standards, Standard Drawings and Standard Specifications for Urban Infrastructure;
> AS/NZS3500.3:2003: Plumbing and drainage – Stormwater drainage
> AS/NSZ 3600 Concrete Structures
> AS/NZS 4100 Steel Structures
> TCCS Design Standards
> DS2 - Road Planning
> DS3 - Road Design
> DS4 - Road Verges
> DS5 - Driveways
> DS6 - Pavement Design
> DS8 – Guide Signs
> DS9 - Traffic Control Devices
> DS10 - Parking Areas
> DS11 - Guardrails, Fences and Barriers
> DS12 - Public Lighting
> DS13 - Pedestrian and Cycle Facilities
> DS14 - Urban Open Space
> DS16 – Urban Wetlands Lakes and Ponds
> DS19 – Street and Park Furniture and Barbecues
> DS20 – Urban Edge Management Zones
> DS21 – Irrigation
> DS22 – Soft Landscape Design
> DS23 - Plant Species For Urban Landscape Projects
> DS25 – Urban Park and Open Space Signage

TCCS Reference Documents

> Ref 04 – Protection of public landscape Assets;
> Ref 06 – Requirements for design acceptance submissions;
> Ref 07 – Operational acceptance submissions;
> Ref 08 – Works as executed quality records;
> Ref 09 – Final acceptance submissions;
> Ref 10 – Landscape consolidation; and
> Ref 11 – Drafting standard for civil and landscape works.

Other design standards applicable to the project:

> ACT Statutory Requirements.
> National Construction Code incorporating the Building Code of Australia.
> Relevant Australian Standards.

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1.3 Design Aspects

1.3.1 Roads – TCCS Ref Doc 06 Clause 7.1

Not applicable.

1.3.2 Pedestrian and Cycle Facilities – TCCS Ref Doc 06 Clause 7.2

Cardno has developed the detail design (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath.

The design has been developed considering the removal of existing footpath tie-in and construction of the new concrete footpath tie-in approx. 50 m² in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

Design Considerations:

- The footpath finished level shall at all instances, blend into the 2% verge crossfall as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The footpath cross-fall shall be 2% as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The set-out of the footpath shall ensure that it is offset a minimum of 600mm from all drainage embankments.
- Strip and stockpile topsoil from the approved path alignment.
- Lay mimimum 75mm granular sub-base with minimum compacted thickness at 95% standard compaction.
- Footpath to be 100mm think and minimum 25MPa concrete layer and SL72 Mesh Central (Refer Standard Drawing for Path Standard Details Drawing No. DS13-01.
- Redistribute stockpiled topsoil to disturbed verge areas including backfilling against edges of the new path.
- Reinstate dryland grassing to all disturbed verge areas.

1.3.3 Carparks – TCCS Ref Doc 06 Clause 7.3

Not applicable.

1.3.4 Street Lighting – TCCS Ref Doc 06 Clause 7.4

Not applicable.

1.3.5 Bridges and Associated Structures – TCCS Ref Doc 06 Clause 7.5

Not applicable.

1.3.6 Stormwater – TCCS Ref Doc 06 Clause 7.6

Not applicable.

1.3.7 Temporary Traffic Management – TCCS Ref Doc 06 Clause 7.7

Traffic will be managed in accordance with the approved Temporary Traffic Management Plan. The Traffic Management will facilitate safe movement of traffic adjacent to the construction site while work is undertaken on the existing verge.

1.3.8 Waste Management – TCCS Ref Doc 06 Clause 7.8

Not applicable.

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1.3.9 Landscape – TCCS Ref Doc 06 Clause 7.9

Not applicable.

1.3.10 Buildings – TCCS Ref Doc 06 Clause 7.10

Not applicable.

1.3.11 Services – TCCS Ref Doc 06 Clause 7.11

Not applicable.

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1.4 Proposed Staging / Approach to Handover

The site work will be constructed in one single Stage.

1.5 Construction Specification

ACT Standard Specifications for Urban Infrastructure Works, Edition 1, Revision 0/S

1.6 Key Parties to the Project

Table 1-1 Key Parties to the Project

Role	Organisation
Developer:	The ACT Government, Suburban Land Agency
Project Manager:	Mark Overton (Client)
Design:	[redacted] - Cardno
Construction:	TBA
Builder:	TBA
TCCS Coordinator:	[redacted] - Cardno
Consultants:	
Civil	Cardno

1.7 Letter of Authorization

Please refer to Appendix D.

1.8 Consultation

The Development Application design was undertaken in close consultation with relevant service authorities, existing residents and EPSDD and was not determined to significantly detriment the interests of these parties.

1.9 Products

Not applicable.

1.10 Exception Clauses

Not applicable.

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1.11 Drawing List

The following drawings are included within **Appendix A** of this report.

Table 1-1 Drawings for Approval

Drawing Number	Drawing Title	Revision
50517027-FP-1000	COVER SHEET	1
50517027-FP-1001	GENERAL NOTES, LEGEND, AND DRAWING LIST	2
50517027-FP-1003	SITE PLAN	2
50517027-FP-1007	TYPICAL SECTIONS	2
50517027-FP-1010	GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1011	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1015	PAVEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1016	PAVEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1030	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1031	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 2 OF 2	2

1.12 Dilapidation Report

Refer to **Appendix C** for the full dilapidation report.

1.13 Temporary Works

No temporary works are proposed as part of this project.

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2 Design Certification

We certify that the detailed design has been undertaken in accordance with the TCCS Design Standards and the requirements for the approved Development Application 201425921. The design drawings have been individually reviewed and signed by the responsible Chartered Engineer as a confirmation of compliance.

No significant departures from TCCS and Australian Standards are proposed as part of these works.

The detailed design drawings that accompany this report have been reviewed as part of our QA system and meet the requirements of TCCS Requirements for Design Acceptance Submissions for infill Developments. (Issue 1 Revision 1) and comply with the provisions of AS1100.

Design Certification is provided within **Appendix B** and demonstrates the design complies with all applicable standards / previous approvals.

2.1 Verification and Validation

2.1.1 Cardno Verification

Cardno has developed and maintains a third party certified quality management system (QMS) certified to ISO9001 which is applied to all projects, to achieve quality and consistency throughout the design process.

At Cardno, QMS is applied to all phases of a project including document and data control, design and process control and project management. The QMS provides for internal audits during the design process undertaken by senior engineers and designers and requires designs and drawings to be audited and signed as checked, verified and approved before being issued.

Additional information regarding our QMS can be obtained by contacting the authors of this report.

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APPENDIX A

DRAWINGS

Cardno®

APPENDIX B

DESIGN CERTIFICATION

APPENDIX C

DILAPIDATION REPORT

APPENDIX D

LETTER OF AUTHORIZATION

Cardno (NSW/ACT) Pty Ltd | ABN 95 001 145 035
Level 2, 14 Wormald Street
Symonston ACT 2609
Tel: 02 6112 4500 Fax: 02 6112 4599
Web: www.cardno.com.au

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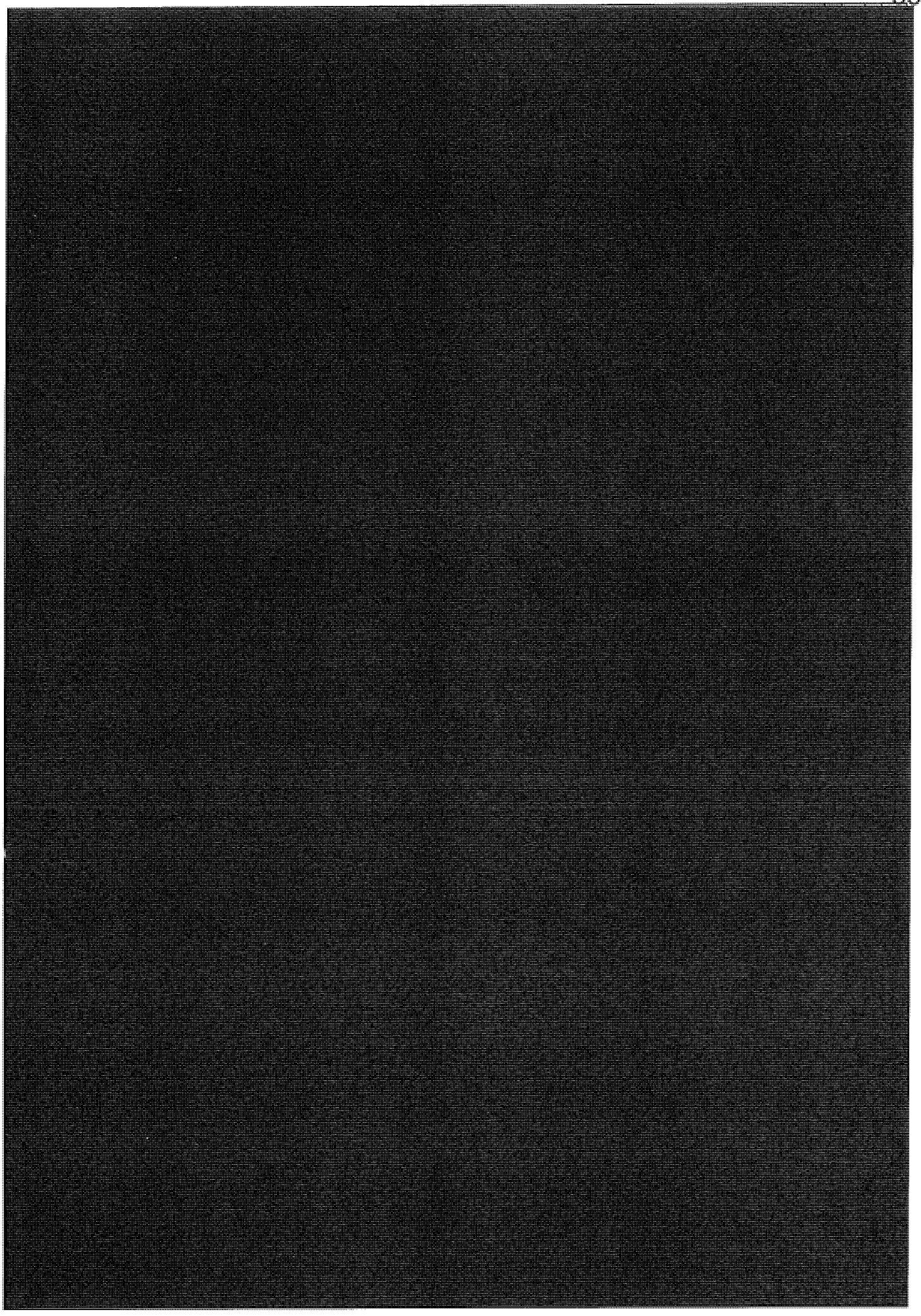
SUBURBAN LAND AGENCY

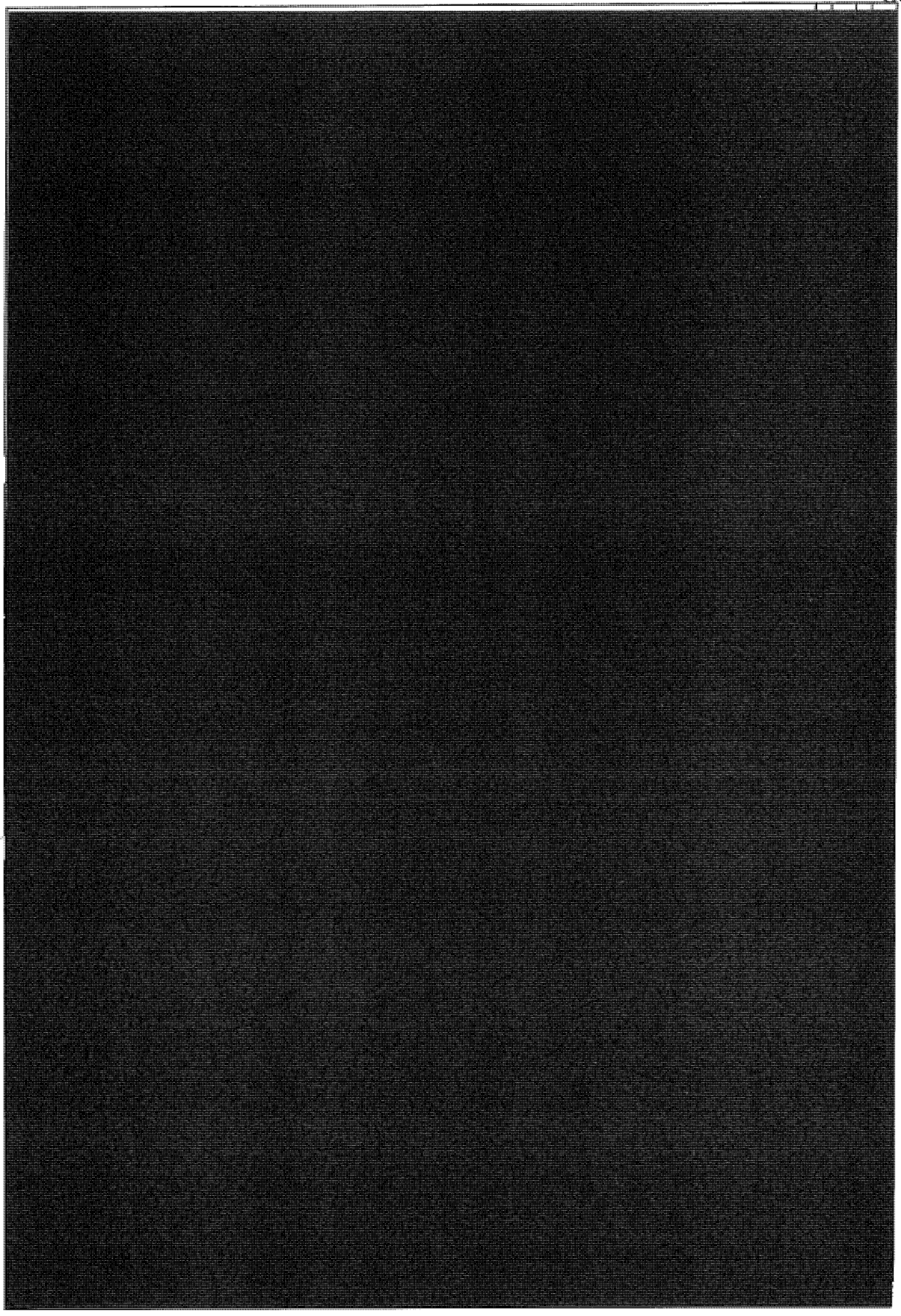
GREENWAY SECTION 28 - FOOTPATH

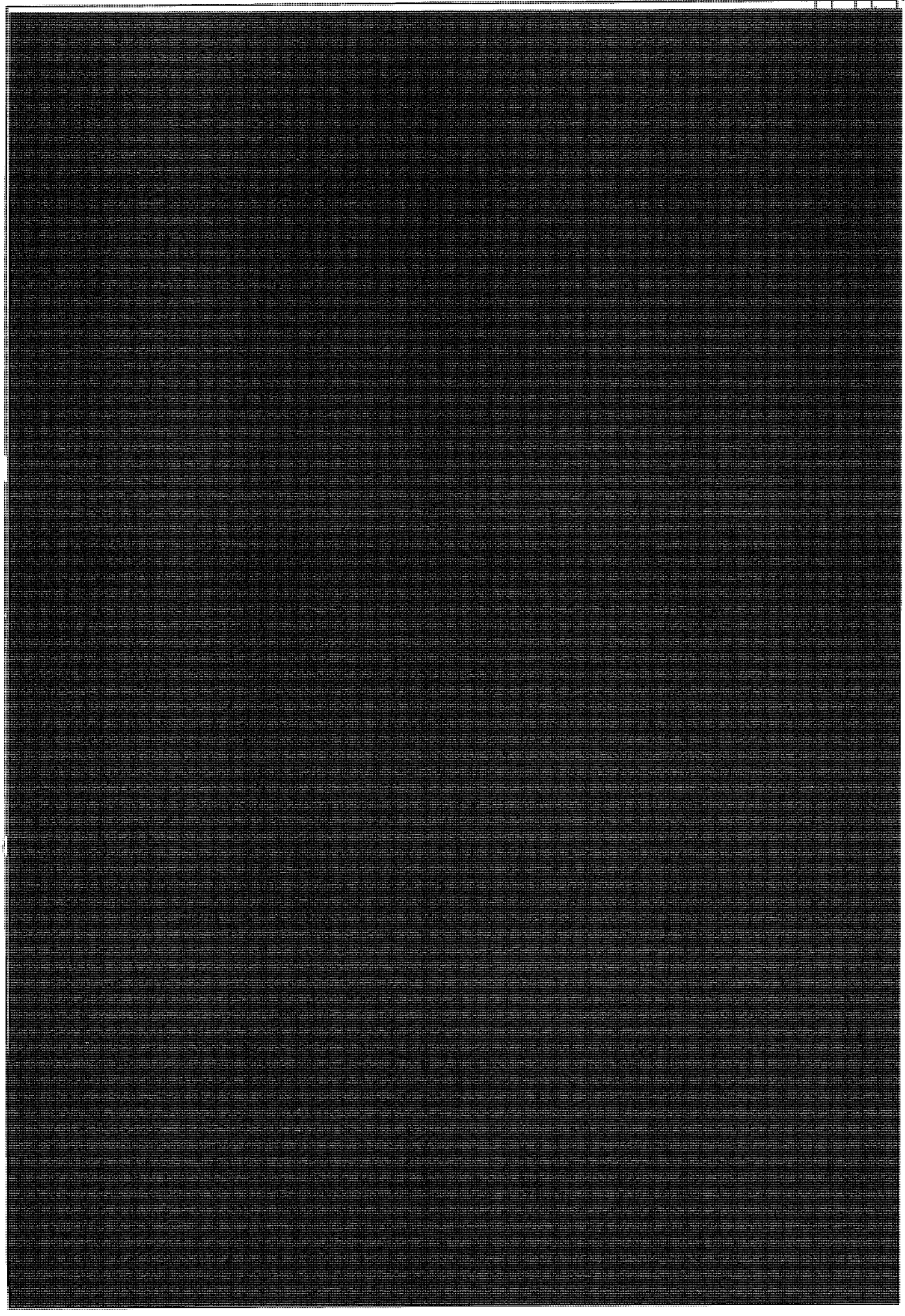
COVER SHEET
FOR APPROVAL

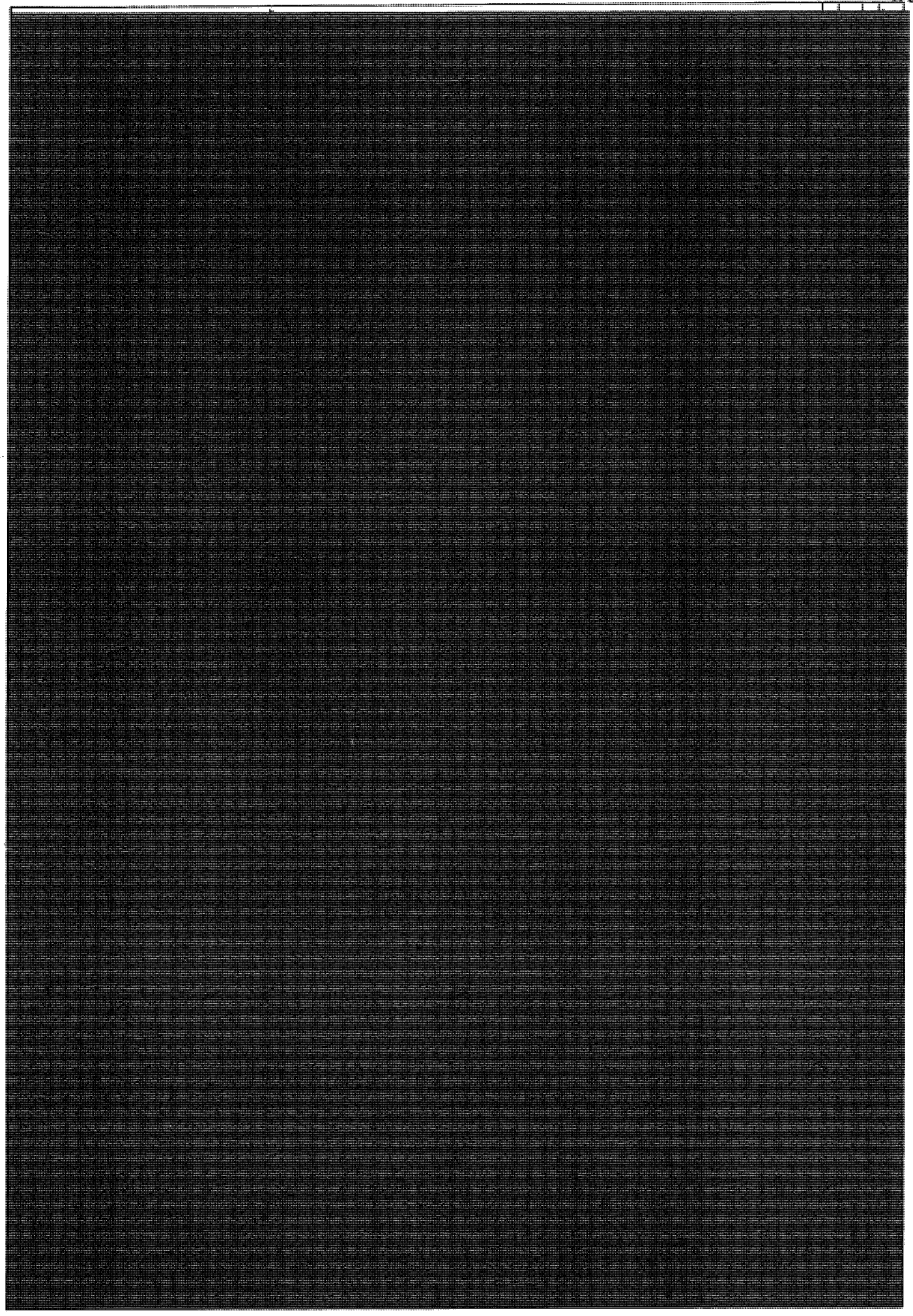
DATE PLOTTED: 12 February 2019 10:52 AM BY: GOULNOSS.HH
CAD File: C:\Projects\Civil\ACT\SNOWDON\Drawings\50517027\FP\dwg\50517027_Greenway S28 Footpath.dwg

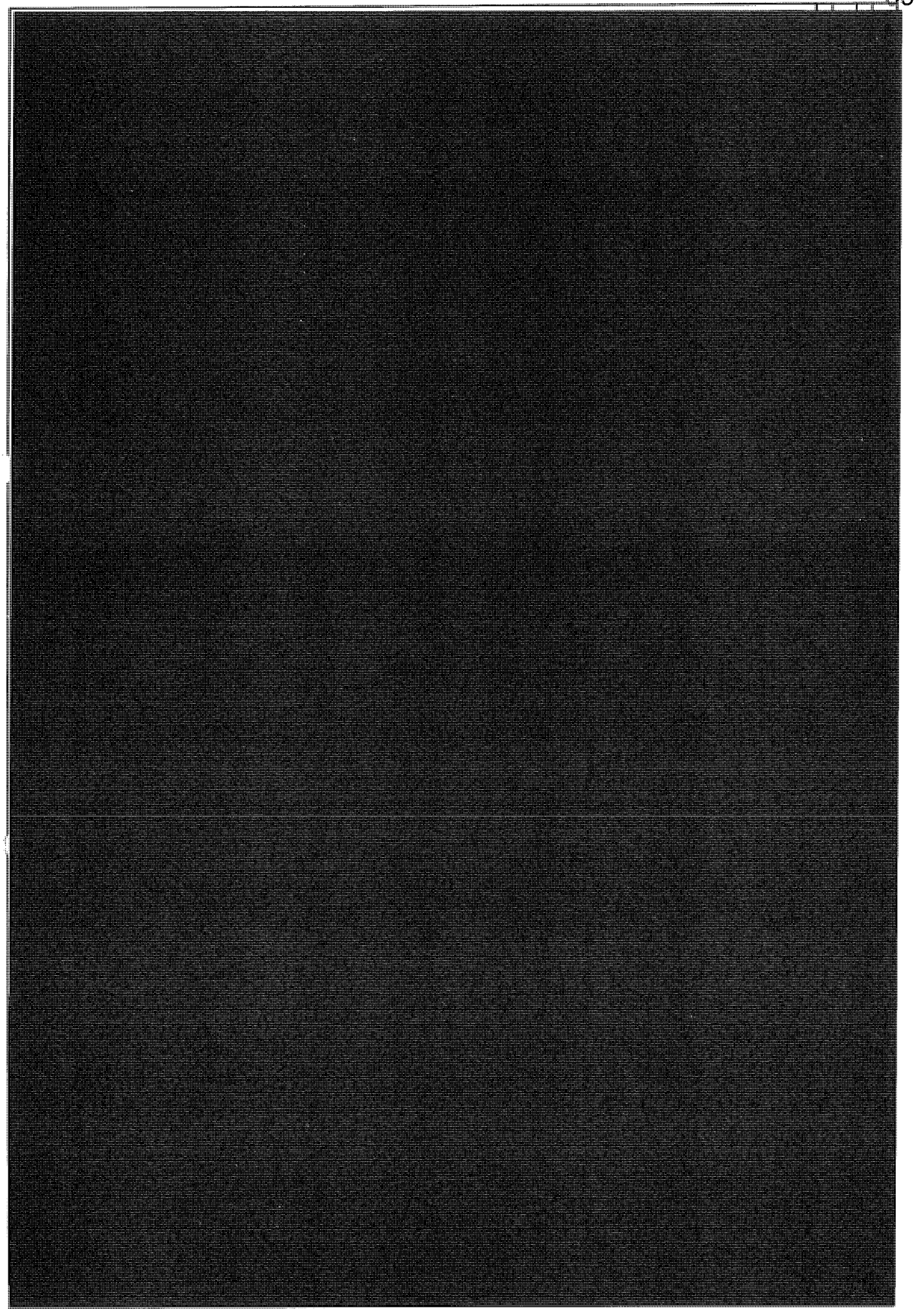
50517027-FP-1000 — Drawing Number
1 — Revision

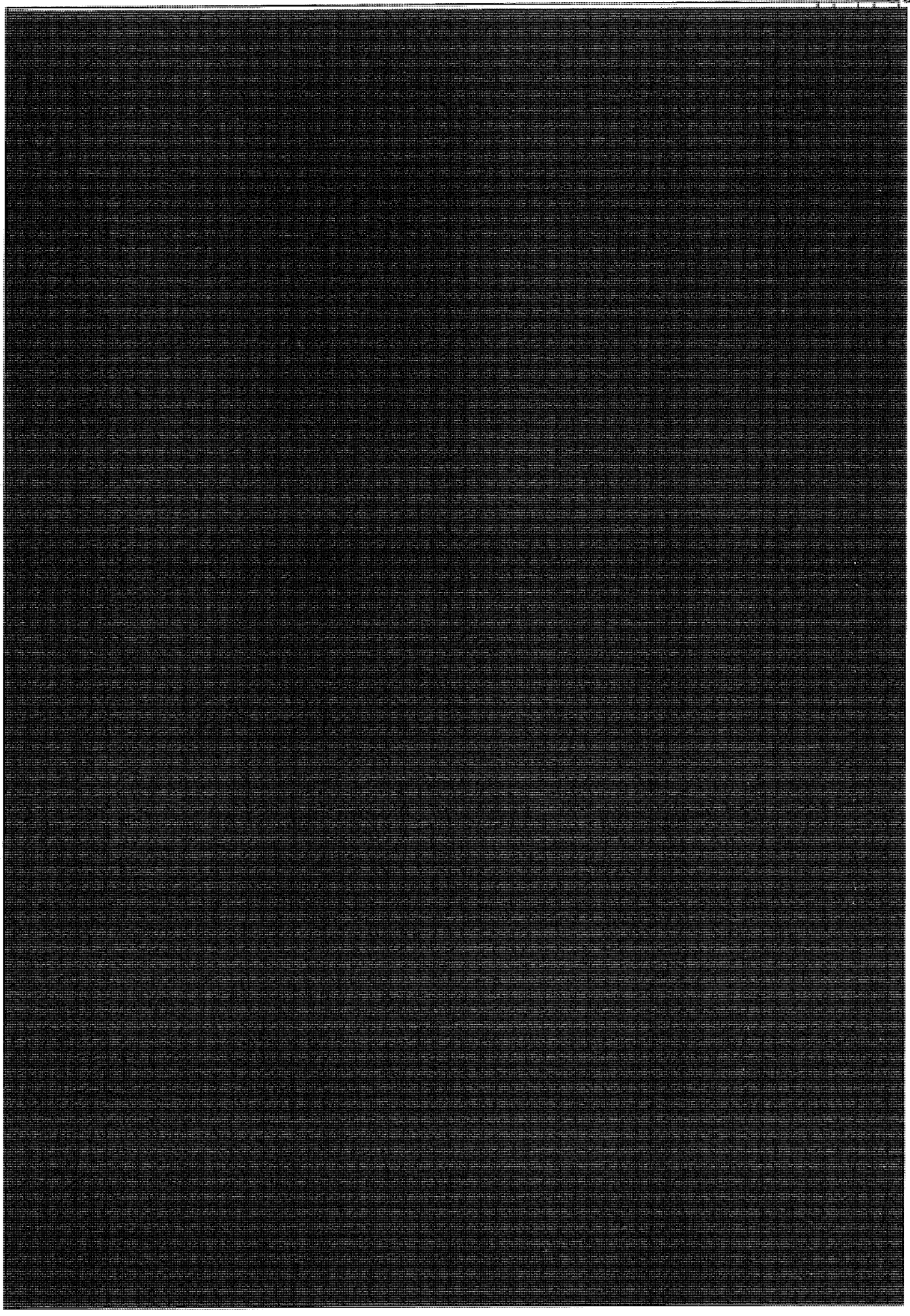


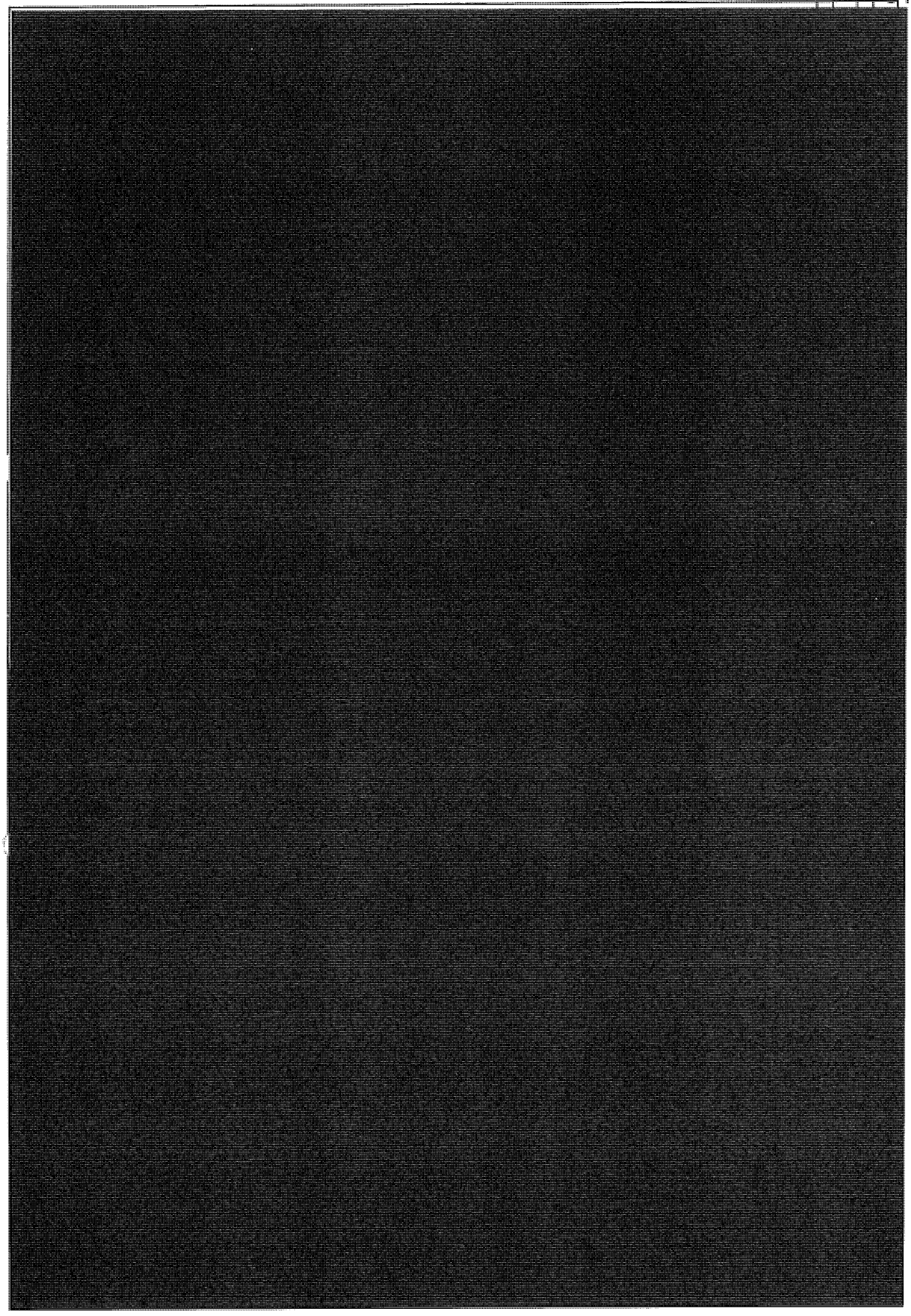


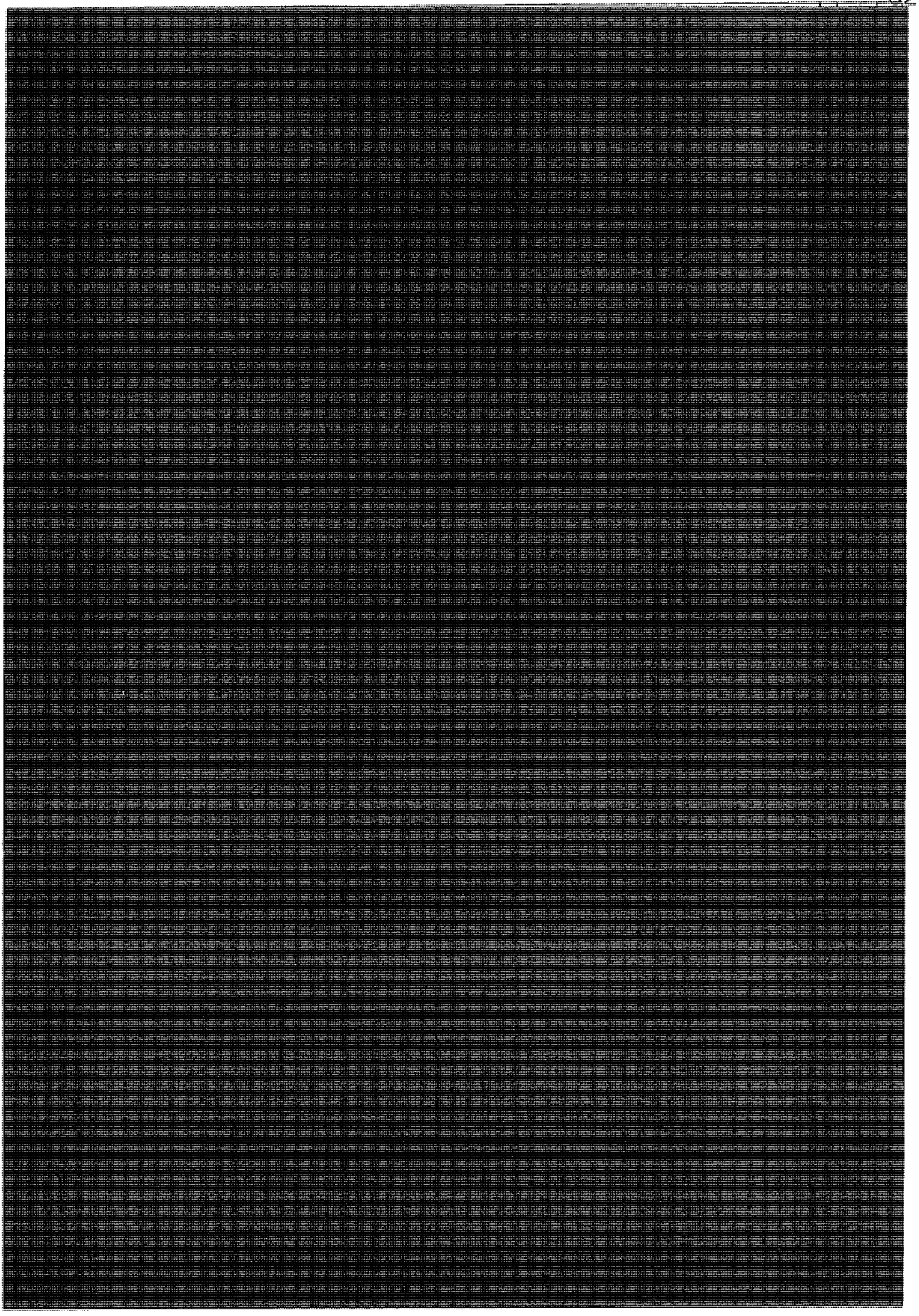


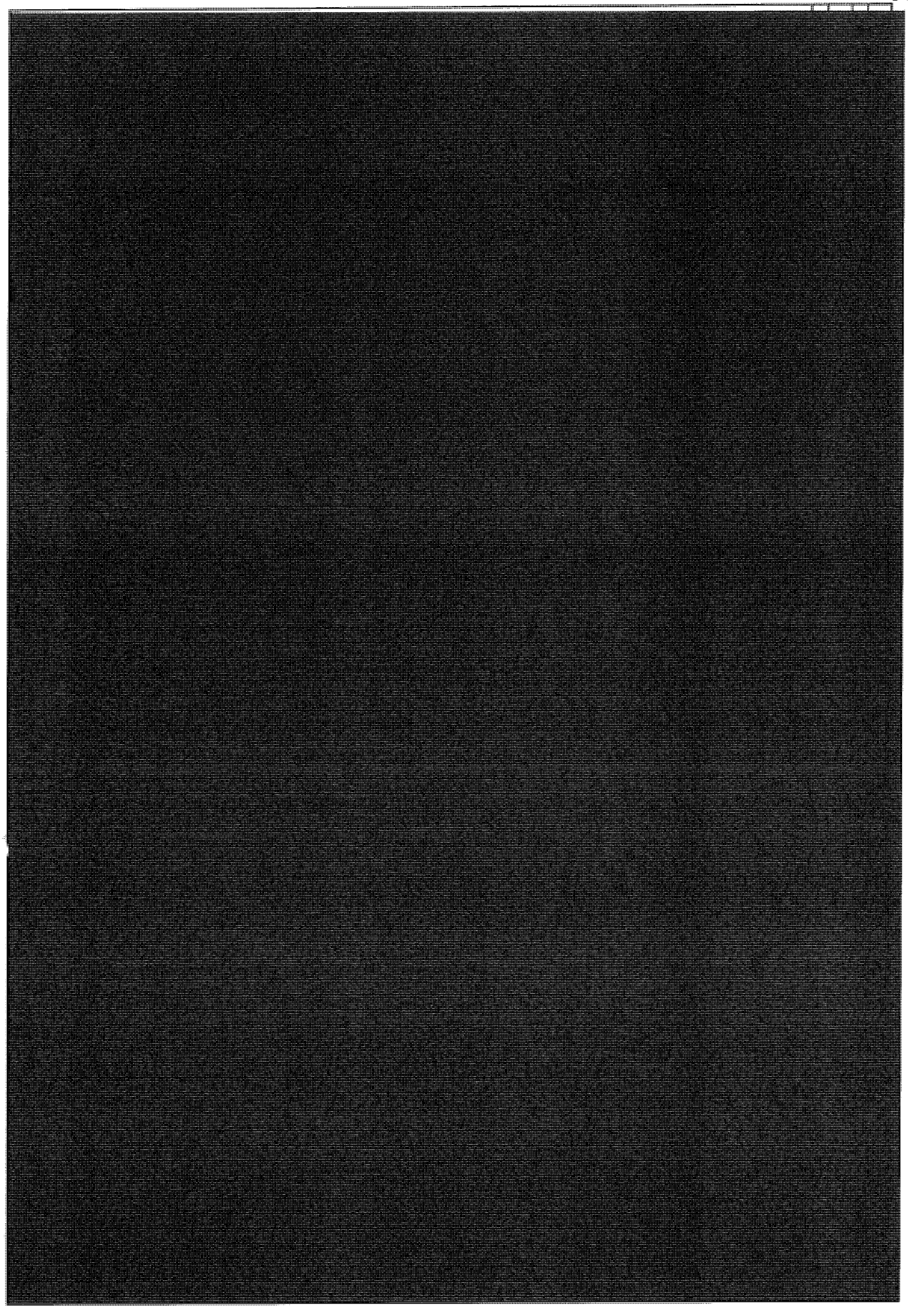












From: Henriquez, Jose
Sent: Monday, 28 August 2017 5:39 PM
To: EPD, Customer Services
Cc: TCCS_SPATAS DA COORD; Bell, Jeff
Subject: COMM: TCCS-201732193-5/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Dear App Sec,

DEVELOPMENT APPLICATION NO: 201732193

Project Description:
PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

BLOCK: 5	**SECTION: 28**	**SUBURB: GREENWAY**

This DA has been assessed in regards to the following:

Traffic	X	Driveways/Verge Crossings	X
On Street / Public Parking		Sightlines	X
Bus Stop/Public Transport (Action)		LMPP/Street Trees	X
Waste Management	X	Street Lighting	X
Licensing	X	Pedestrian Footpath	X
Stormwater	X	Service / Access Easement	X
Demolition		Estate Development Plan (EDP)	
Further Information		Amendments/Additions/Alterations	
Lease Variation	X	Capital Works	

X = Areas Assessed.

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	
That Further Information Is Required	X
That It Is Not Supported	

Reasons

WASTE

1. The truck turning template (TTT) must be reproduced with a 12.5m truck.

Additional Comments/Advice (as advice to EPD only, and not to be included in the Notice of Decision)

1. The applicant must clarify who will be doing the off-site works for this Estate and when it will be completed.
2. The development should only be constructed after the Estate has obtained Operational Acceptance from TCCS DRC.

Kind regards,

Jose Henriquez | A/g Senior Engineer Development Review & Coordination
Phone 02 6207 7480 | Email: jose.henriquez@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

ACT Government
Transport Canberra and City Services

From: Evatt, Ebony **On Behalf Of** EPD, Customer Services
Sent: Monday, 7 August 2017 10:09 AM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-201732193-5/28 GREENWAY-01

DEVELOPMENT APPLICATION NO: 201732193

BLOCK: 5 SECTION: 28 DIVISION: GREENWAY

Description: PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

Pursuant to Section 148(1) of the Planning and Development Act 2007 the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(28/08/2017)**.

In accordance with Section 150 of the Planning and Development Act 2007 If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services – EPDcustomerservices@act.gov.au

Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-20080XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-Heritage-200801234-Block 10 Section 10 Dickson-01

Regards

Customer Services

Phone 02 6207 1923
Access Canberra | ACT Government
Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT 2601

Access Canberra is an ACT Government service that brings together customer and regulatory services, including the former Environment and Planning Directorates Customer Services Team. Access Canberra has been set up to make it easier for business, community organisations and individuals to work with ACT Government and deliver a more seamless experience.

Land titles and revenue services are moving to Dame Pattie Menzies House, 16 Challis Street, Dickson and will be co-located with the Access Canberra Environment, Planning and Land Shopfront. These services will be available at this new location from 1 December 2016. For more information visit ***www.act.gov.au/accessCBR***



From: Day, Michael
Sent: Monday, 27 February 2017 4:28 PM
To: Clancy, Maree
Subject: FW: HP Records Manager Notification - Action Reassigned. Draft Response [SEC=UNCLASSIFIED]
Attachments: [redacted] on behalf of Tuggeranong Community Council -Mortimer Lewis Drive, North East Greenway.tr5

Maree

How do I get this reassigned to LDA?

Mike

-----Original Message-----
From: Day, Michael
Sent: Monday, 27 February 2017 4:26 PM
To: 'Records Manager'
Subject: FW: HP Records Manager Notification - Action Reassigned. Draft Response [SEC=UNCLASSIFIED]

I believe that it is the responsibility of the LDA to respond to this one as they commissioned an investigation into the traffic impact of the new housing development which specifically included consideration of access arrangements at the southern intersection

Regards

Michael Day
Acting Senior Manager, Traffic Management and Safety

-----Original Message-----
From: Records Manager [mailto:RecordsManager8.1@act.gov.au]
Sent: Monday, 27 February 2017 3:54 PM
Subject: HP Records Manager Notification - Action Reassigned. Draft Response

Action: Draft Response
Responsible Location: Day, Michael
Due Date: 2017-03-07 at 14:36
This Action has been recently reassigned to you and is due to be started on 2017-02-28 at 14:36. Could you please ensure that it is completed by 2017-03-07 at 14:36.

--
This email Message has been automatically generated by HP Records Manager (TAMS Ministerial).

ATTACHMENT A

SUBMISSION:
MORTIMER LEWIS DRIVE, NORTH EAST GREENWAY.
A REQUEST FOR ROAD CHANGE WORK TO BE CARRIED OUT AT THE SOUTHERN END OF MORTIMER LEWIS DRIVE AND DRAKEFORD DRIVE AT GREENWAY.

Proposal

As convenor of the North East Greenway Action Group and the Tuggeranong Community Council I propose that the southern exit of Mortimer Lewis Drive, Greenway East, on to Drakeford Drive be modified, as listed below, to permit traffic to exit Mortimer Lewis Drive to both the south and the north. At present, traffic exits only to the north.

Background

The ACT Government has planned a large housing development comprising an apartment block (four levels) with possible ground floor commercial/retail facilities. This project will now create approximately 150 residential units to be built on the eastern side of Mortimer Lewis Drive, between existing units and the Tuggeranong Dog Park. Of these, the first (26) will be public housing, the remainder to be developed by the private sector. This number of new units would represent a large increase in the relatively small population of Greenway North/East and will greatly increase the traffic flow on Mortimer Lewis Drive which to date has had serious problems due to the two blind bends on this narrow lakeside road. All residents and visitors to the lake and the dog park must return to the (north) section traffic lights for (south) travel to suburbs and to Tuggeranong Town Centre, this is the only exit south from this lakeside suburb. The proposed building development is alongside the exit at the (south end) of Mortimer Lewis Drive. .

Mortimer Lewis Drive has two (2) blind bends along its route. This lakeside road has the Tuggeranong Sea Scouts Group Hall, community recreation areas, lakeside park area to Athllon Drive, two children's playgrounds and Tuggeranong Dog Exercise Park. Currently under construction is a "Bicycle Safety Training Centre" for children from all regions of Canberra.

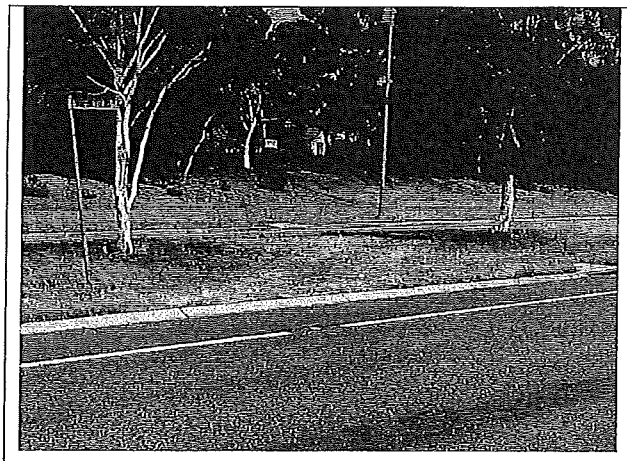
To date there has been several incidents of drivers i.e. dog park users and visitors, jumping the motorway to the centre highway strip on Drakeford Drive to reduce the driving time to exit to the south of Tuggeranong. I have reported this conduct and the serious problems of Mortimer Lewis Drive to the TCC general meetings and to the Director of Roads staff for a number of years and have negotiated the first footpath and correct road signage on Mortimer Lewis Road , the erection of a log barrier on the centre road section to prevent vehicles "jumping the motorway" to exit south. This practise created wide potholes , creating a further hazard for motorists. A section of the barrier was soon destroyed by dangerous and irresponsible drivers, refusing to return to the traffic lights to exit south. I reported this damage to Tony Gill who organised the section damage to be rectified.

This practise remains prevalent as seen by the attached photographs 1-2 taken 17/2/17). The drivers are accessing other sections of East Greenway to then cross the motorway to the centre before being able to continue to the south route along Drakeford Drive Motorway. Serious accidents will occur if this practise continues and the section is not redesigned to provide a safe exit to the south of Canberra.

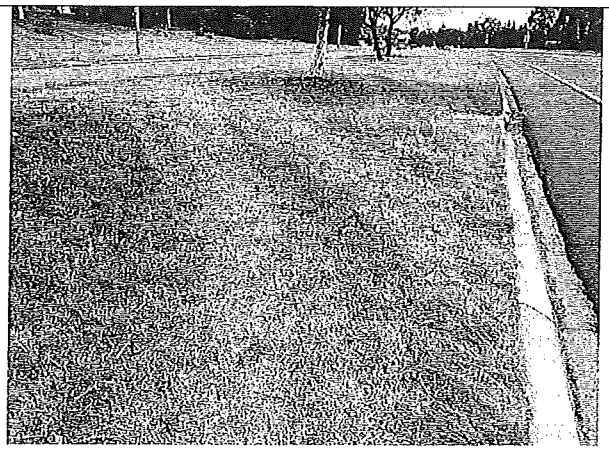
Mr Tony Gill advised that the level of traffic in past years did not warrant a change. However, that decision was made some years ago and before the current ACT Government plans for the new large housing project for Mortimer Lewis Drive.

The recommendations put forward to date:
The duplication of the road exit plan that has been operational for some years at the intersection of Drakeford Drive/Barr Smith Avenue and Hurtle Avenue/Noorooma Street, Isabella Plains.

An additional set of traffic lights on Drakeford Drive would be undesirable and unnecessary, given the efficacy of slip lanes at intersections like those just mentioned. Given that there is currently a large triangular area of concrete on the Mortimer Lewis Drive side of the intersection (photo 4) there would be a need to modify this area as well as with slip lanes.



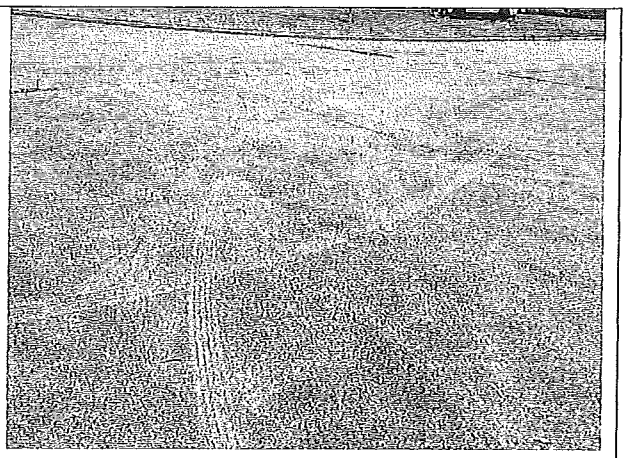
1 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing beaten vehicle tracks at sections where barriers have not been placed.



2 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing detail of beaten vehicle tracks.



3 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing vehicle barriers.



4 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
Vehicle tracks on concrete divider, Mortimer Lewis Drive side.

The TCC proposal is even more appropriate, given that the Government now plans a major housing project to be built from 2017 at the southern end of Mortimer Lewis Drive as stated.

To install traffic lights at this section would cause angst by residents of Tuggeranong who daily have delays created by the department (automated delayed timing of traffic lights to allow north traffic to access the south of Tuggeranong from approximately 4.00pm). There are already in place eight (8) traffic lights between Athllon Drive (south) roundabout and Sulwood Drive along this route of approximately six kilometres of the motorway. The lights are pre-set approximately 90% red or green to Sulwood Drive!

Discussions with the Tuggeranong Ambulance Service re Drakeford Drive traffic lights, numbers and timing has also raised the problem of safety for the Ambulance staff, patients and residents on Tuggeranong Drive to the section of Sulwood Drive. Note also that south of the Athllon Drive roundabout, there are no traffic lights along the route to Tharwa and the number of roundabouts often cause delays to residents.

Conclusion

The Tuggeranong Community Council (TCC) and the North East Greenway Action Group now recommends that the "Southern exit" of Mortimer Lewis Drive to access Drakeford Drive Motorway be now modified for the future years. This will provide residents and visitors a second exit left to the south of Canberra from their area in safety and for emergencies to the area. This second exit project should be in place prior to the new apartment/unit complex that is proposed for Mortimer Lewis Drive, Greenway.



Convenor, North/East Greenway Action Group.
Public Officer, Second Vice President
Tuggeranong Community Council
PH: 
E:

24 February 2017

From: Roulston, David
Sent: Friday, 13 November 2015 8:01 AM
To: Jatheendran, Lingam
Cc: Bell, Jeff; Joseph, Gabriel
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Lingam can you have a look at this please and provide some comments form AA?

Regards,

David

DAVID ROULSTON AIPM CPPD
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au

" Helping you to build our community"

"One Government One ACT Public Service"

From: McHugh, Ben
Sent: Thursday, 12 November 2015 5:32 PM
To: Gill, Tony; Roulston, David
Cc: Cloos, Karl
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Hi Tony, David,

Tony, are you able to nominate a Roads ACT contact to respond to question 1.

Question 2 might be for your team David?

Thanks

Ben

From: [redacted]
Sent: Wednesday, 11 November 2015 5:49 PM
To: McHugh, Ben
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Good Afternoon Ben,

Thank you for attending and your presentation to the Tuggeranong Community Council 3rd November Meeting. Unfortunately it seems each year that the November meetings falling on Melbourne Cup Day continues to affect our attendance numbers.

In reference to my inquiries at the Meeting re the rezoning of the East Greenway lakeside suburb and in particular the traffic and southern exit from Mortimer Lewis Drive.

As requested I will list the concerns of the Greenway residents. The residents share this area with numerous visitors to the lake and the regional dog exercise area. The residents note that the weekends and all school holidays create extra traffic to the area and it has been noted that they are not familiar with this lakeside road and its blind bend sections, leading to some dangerous driving at times. One young driver did a complete 360deg turn-a-round at one bend due to taking it too fast (witnessed by a resident from his front garden). This could have caused a fatality. The traffic crossing from Taverner Street, Oxley direct into Mortimer Lewis Drive on a green light also seem to continue into our lakeside road at 80km, particularly younger drivers. The residents in the townhouses on the corner of Drakeford Drive/Mortimer Lewis report numerous problems and noise levels.

Question 1. What decisions have been made re opening the southern exit of Mortimer Lewis Drive to Drakeford Drive for residents and all the visitors to the lake and dog exercise area who wish to exit south?

Question 2. The future four storey apartment block and townhouses that will be built at the southern end of Mortimer Lewis Drive (opposite the dog exercise area) and will certainly add a large number of extra vehicles on the narrow blind bends in our lakeside road creating further problems for residents in East Greenway. This new project will need a second exit from Mortimer Lewis Drive as to date there is only one exit south from this lakeside road to enter Drakeford Drive Highway.

I was advised by Tony Gill post meeting, as we left the venue, to also discuss this problem with Minister Mick Gentleman. I have now had discussions with Minister Gentleman. I have been advised that he would certainly look into the situation. I advised the Minister that the exit could be opened with special road signs (ENTER WITH CARE) at two sections on the highway so eliminating the need for a round-a-bout and the section does not need traffic lights to add to the number already on Drakeford Drive.

At the meeting I also raised the problem of a very dangerous section on Athllon Drive prior to turning into Sulwood Drive. This section will be hazardous for drivers who may pull over to take mobile phone calls etc. The section requires changes or white reflector poles similar to the number added to the Tuggeranong Parkway. The TCC Treasurer, [redacted] has taken photos of the area for me and has advised Tony also of his concerns re this setion. This information may be of assistance to Mr Ross Schofield who assisted in the correction of Drakeford Drive open sumps.

For further information re the problems mentioned please do not hesitate to contact me. As I am also Convenor of the East Greenway Action Group for the past five years to improve the infrastructure in our lakeside suburb, I will continue to keep the residents updated on their concerns.

Kind Regards,

[redacted]

[redacted]
Public Officer
Second Vice President
Tuggeranong Community Council
PO Box 455
Erindale Centre ACT 2903
H: [redacted]
M [redacted]

From: [redacted]
Sent: Wednesday, 15 August 2018 9:49 AM
To: Henriquez, Jose; Bell, Jeff
Cc: Alex McLennan
Subject: FW: 180396 - In-Principal Support - Block 3 Section 28 Greenway
Attachments: A002.pdf; 180396_waste plan sketch.pdf

Good morning,

Has there been any update on this one?

Regards,

[redacted]
Sellick Consultants Pty Ltd

sellick consultants
structural civil hydraulic façade engineers
canberra | sydney | brisbane

P: **02 6201 0200** F: **02 6247 2203**
Canberra: **24 Lonsdale Street, Suite 122 Mode 3, Braddon ACT 2612**
Sydney: **99 Mount St, Suite 1601, Level 16, North Sydney NSW 2060**
Brisbane: **410 Queen St, Level 1, Brisbane QLD 4000**
[redacted] W: www.sellickconsultants.com.au

From: [redacted]
Sent: Monday, July 23, 2018 5:03 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>; jose.henriquez@act.gov.au
Cc: [redacted]
Subject: 180396 - In-Principal Support - Block 3 Section 28 Greenway

Good afternoon Jeff,

We are seeking in-principal support from TCCS for combined waste and recycling bins as well as kerbside waste collection for 25 dwellings at Block 3 Section 28 Greenway.

We are proposing that the above development have shared MGB's at waste collection points that will be transported to the kerb by building management for kerbside collection. Please refer to the attached sketch for details.

The proposed development will consist of 25 units of mixed sizes, (5 * 2 bedroom, 12 * 3 bedrooms and 8 * 4 bedrooms) and will require 5 * 360L waste MGB's collected twice a week and 8 * 360L recycling MGB's collected once a week.

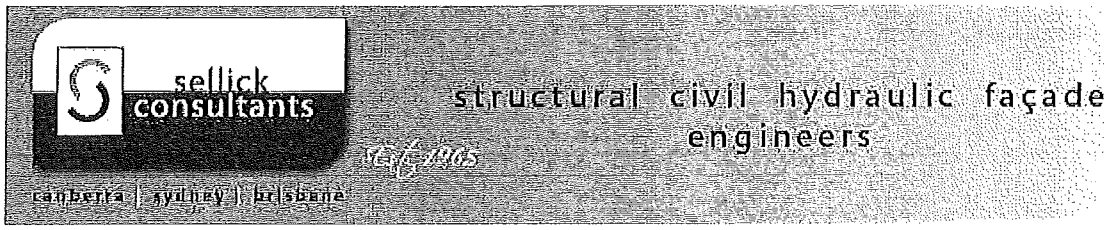
Can you please review and endorse so we are able to progress with DA documentation?

If you have any question please do not hesitate to call.

Regards,

[redacted]

Sellick Consultants Pty Ltd



P: **02 6201 0200** F: **02 6247 2203**
Canberra: **24 Lonsdale Street, Suite 122 Mode 3, Braddon ACT 2612**
Sydney: **99 Mount St, Suite 1601, Level 16, North Sydney NSW 2060**
Brisbane: **410 Queen St, Level 1, Brisbane QLD 4000**
E: [redacted] W: www.sellickconsultants.com.au

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http://www.mailguard.com.au/mg

Subject: FW: B2 S28 Greenway - SIR & Traffic
Location: Macarthur House - Jeff to organise a meeting room

Start: Tue 24/05/2016 12:30 PM
End: Tue 24/05/2016 2:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: [redacted]

When: Tuesday, 24 May 2016 12:30 PM-2:30 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: Macarthur House - Jeff to organise a meeting room

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*~*

-----Original Appointment-----
From: [redacted]
Sent: Friday, 20 May 2016 3:42 PM
To: [redacted] Arul, Adrian; Bell, Jeff; Mundy, Graham; Day, Michael; Chappell, Hazel; Durie, Lea; Motha, Antony; Frank Ribeny; [redacted]
Subject: B2 S28 Greenway - SIR & Traffic
When: Tuesday, 24 May 2016 12:30 PM-2:30 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: Macarthur House - Jeff to organise a meeting room

Agenda:

1/ Traffic signals (do the signals first so Mike Day can leave before the site servicing is discussed)

2/ Mortimer Lewis Dr verge – kerb, SW etc

3/ Draft Final SIR

4/ Flood report findings

Martyniak, Alexandra

From: [redacted]
Sent: Thursday, 10 March 2016 5:04 PM
To: Joseph, Gabriel; Roulston, David
Cc: Bell, Jeff; Rae, Heather
Subject: FW: B2 S28 Greenway SIR - Need to meet please

Hi Gabriel / David
This request came for the new development in Mortimer Lewis Drive Greenway – remember Canberra Times coverage few days back? Heather and myself going to meet [redacted] tomorrow. Please let us know if you have any particular issue to raise in our meeting.
Thanks
Sayem

[redacted]
Senior Engineer - Development Assessment

sset Acceptance | Territory Asset Information & Management
Infrastructure, Roads & Public Transport
Territory & Municipal Services Directorate (TAMS) | ACT Government

☎Ph: (02) 6205 9091 | 🖷 Fax: (02) 6207 7484 ✉Email: abusayem.chowdhury@act.gov.au

"Great Services - Quality Assets - Better Lifestyles"

From: Jatheendran, Lingam
Sent: Tuesday, 8 March 2016 9:57 AM
To: Bell, Jeff; Joseph, Gabriel
Cc: Chowdhury, Abu Sayem
Subject: FW: B2 S28 Greenway SIR - Need to meet please

Jeff

It is a pre DA issue unless Gabriel wanted to treat differently.

Lingam

From: [redacted]
Sent: Monday, 7 March 2016 3:35 PM
To: Arul, Adrian; Jatheendran, Lingam
Subject: B2 S28 Greenway SIR - Need to meet please

Hi Lingam, we are preparing an SIR for LDA for the above block. There are some constraints on this fairly large block and we would like to meet with you to discuss the constraints and have some preliminary discussions on the way forward to develop the site. Can you please advise some dates that you are available to meet. I will also bring along a flood report that SMEC prepared that has a few options in as I would like to discuss the options with you.

[redacted] Can you pease let me kow what day and time suit you.

Regards

[redacted]
RD Gossip Pty Ltd

[redacted]
Phone: [redacted]
E-mail: [redacted]

From: Abeysekera, Ruwan
Sent: Monday, 20 August 2018 4:37 PM
To: Saengkham, Diana
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]
Attachments: 50517027-C-1020-2 (4).pdf; Greenway S28 - TCCS Asset Description Form - Rev2.xlsx; Greenway Section 28 Summary Plan failures

Categories: printed

Hi Dina,

Please open this submission I have received requested documents.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: [redacted]
Sent: Monday, 20 August 2018 3:32 PM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted]
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi Ruwan,

I'm sending you this email again – the previous one was too large for your inbox.

Regards,

[redacted]
CIVIL ENGINEER
CARDNO

Cardno

Phone +61 2 6112 4500 Direct +61 2 6112 4517 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: [redacted]
Sent: Monday, 20 August 2018 3:10 PM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted]; Pooley, John <John.Pooley@act.gov.au>; [redacted]
Subject: RE: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi Ruwan,

Please find attached amended drawing 1020 with the updated upstream and downstream levels in pits 2 and 3 of line 1, and pits 2 and 4 of line 3.

Also attached is the amended ADF with some minor changes.

With regards to the summary plans, attached is an email from our drafter to Paul Dowling of TCCS and Belinda Baker of Open Spatial. We are certain that all inputs are correct (similar to Block 3), however in this instance the validation checks are not passing.

Regards,

[redacted]
CIVIL ENGINEER
CARDNO

Cardno

Phone +61 2 6112 4500 Direct +61 2 6112 4517 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Abeysekera, Ruwan [mailto:Ruwan.Abeysekera@act.gov.au]
Sent: Friday, 17 August 2018 10:17 AM
To: [redacted]
Cc: [redacted] Pooley, John <John.Pooley@act.gov.au>; [redacted]
Subject: RE: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your email and attached.

You haven't addressed the comment 1 (See attached), and summary drawing also not provided.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: [redacted]
Sent: Friday, 17 August 2018 8:40 AM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted] Pooley, John <John.Pooley@act.gov.au>; [redacted]
Subject: RE: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi Ruwan,

Please find attached:

- Updated TCD drawing with AutoCAD files;
- Updated SMEC site inspection report. Note that the CCTV report does not mention 1/11 as there is no pipework to the structure as it has been built against the existing RCBC with a window cut in the side.;
- Updated Asset Description Form.

Regards,

[redacted]
CIVIL ENGINEER
CARDNO

Cardno

Phone +61 2 6112 4500 Direct +61 2 6112 4517 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Abeysekera, Ruwan [mailto:Ruwan.Abeysekera@act.gov.au]
Sent: Monday, 13 August 2018 10:53 AM
To: Pooley, John <John.Pooley@act.gov.au>
Cc: [redacted]
Subject: RE: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi John,

Thank you for your email and attached.

Once I received the updated WAE, ADF and the SMEC report (see attached), I can issue the condition Operational Acceptance Certificate for the stage 2B1.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Pooley, John
Sent: Monday, 13 August 2018 8:53 AM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted]
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf

Ruwan

Lovely to see you on Friday. Please see attached defects list with timing in the comments.

Regards

John Pooley
Development Director - Urban Projects
T: 02 6205 7073| **M:** [redacted]
Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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From: [redacted]
Sent: Monday, 13 August 2018 8:44 AM
To: Pooley, John <John.Pooley@act.gov.au>
Cc: [redacted]
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf

Hi John,

Please find attached the DEFECTS LIST for issue to TCCS.

The other two actions items from Fridays inspection, which we are working on are:

1. Updating the WAEs by end of this week.
2. Updating Asset Description Form by end of this week.

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

Regards
[redacted]

[redacted]
PROJECT MANAGER
CARDNO

Cardno

Phone Fax +61 2 6112 4574 Direct +61 2 6112 4574 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia

Email [redacted]

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From: Bell, Jeff
Sent: Thursday, 31 May 2018 10:27 AM
To: [redacted]
Subject: FW: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

FYI

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Bell, Jeff
Sent: Tuesday, 22 May 2018 10:17 AM
To: Carson, Lucia <Lucia.Carson@act.gov.au>
Cc: Pooley, John <John.Pooley@act.gov.au>; Aster-Stater, Alek <Alek.Aster-Stater@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Hi Lucia,
The advice that Jose provided in the pre-app meeting is to do with the function of the road network and the size of the development. Whilst you correctly identify the requirements for driveways in your email, you have not considered the context, function or location of the development or the interface with the surrounding road network.

In this case, Mortimer Lewis Drive is classified as a collector and the proposed development will consist of 142 dwellings. The development is subject to the traffic generation rate of 6 trips per dwelling per day, as prescribed in the Estate Development Code; as such, the development will generate approximately 852 vehicle movements per day. The plans provided prior to the pre-app meeting indicate that the site will be serviced by two access points; therefore, even applying a very basic distribution of 50% to each access point, the traffic generation would be in excess of the upper threshold limit for an Access Street A and would be more closely aligned with an Access Street B. Due to the number of dwellings and the traffic that will be generated by the development, it is appropriate for the access points to be designed as intersections rather than driveways.

The provision of intersections, rather than driveways, at this location only changes the interface between the development and the road network, it does not impact on the internal road design within the development.

TCCS' advice is based on the following reference documents:

- Estate Development Code
- Austroads Guide to Road Design Part 4 – Intersections and Crossings, Section 7.2.2 Urban Roads
- Austroads Guide to traffic Management Part 5 – Road Management, Section 2.1.3 Access Management Practice
- AS2890.1 – Off-Street Car Parking , Section 3.1.1 Access Design Principles

Please note that if this development had been subject to an EDP, these issues would have been identified earlier.

Please contact me if you require any additional information.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: Jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Carson, Lucia
Sent: Monday, 21 May 2018 2:50 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Pooley, John <John.Pooley@act.gov.au>
Subject: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Afternoon Jeff,

I understand that John Pooley has been speaking to you regarding the issue of driveways for Block 4 Section 28 Greenway. Jose Henriquez has advised the developer that Intersection driveways are required not heavy duty driveways. The driveways for Greenway Block 4 Section 28 are required for those who will be living on the site and not for use by the general public. These driveways are access driveways not intersections, particularly as the site wi.. have multiple units (more than 3 units).

The Design Standards for Urban Infrastructure 5 Drive ways states the following for a multi-unit site;

"Concrete pavements for domestic driveways should be a minimum of 100mm thick Grade 32 concrete on a 75mm layer of compacted sub-base. **For other residential driveways (multi units),** the minimum Grade 32 concrete thickness that will be accepted is 150 mm, reinforced with F82 mesh with 50mm top cover.") These types of driveways are also known as heavy duty driveways which are also required for Commercial driveways.

Kind regards,

Lucia Carson I Project Officer
Urban Projects I Suburban Land Agency
Level 7 TransACT House I 470 Northbourne Avenue I DICKSON ACT 2602
T: 6207 9604 I F: 6207 7324 I E: lucia.carson@act.gov.au



From: Carson, Lucia
Sent: Wednesday, 23 May 2018 8:29 AM
To: Bell, Jeff
Subject: FW: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Morning Jeff,

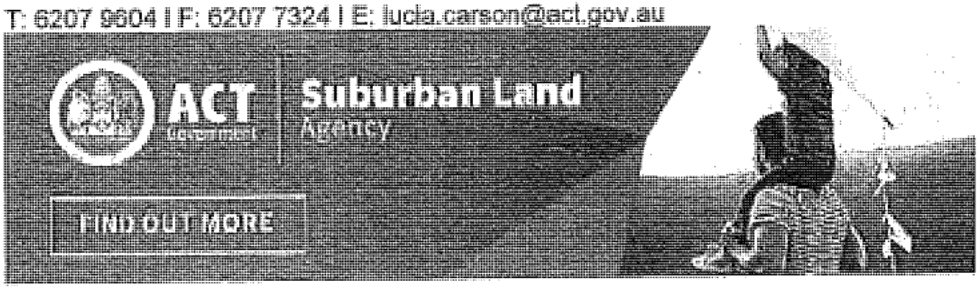
Thank you for meeting us yesterday afternoon I'm glad we did as it is now clear to us as to your meaning of an intersection from a collector road rather than a driveway. We now need to explain this to the developer and to do so I will require a less complicated email from you as opposed to your email below, as I do not believe the developer will understand that we still require the intersection to be built the same as you would a heavy duty driveway.

Could you please forward me an email which clearly states that the intersection needs to have the same works undertaken as a heavy duty driveway and which I can then forward to the developer so that he is clearer as to what works he needs to undertake.

Very much appreciate all your assistance in clearing this up. Once again thank you for meeting with us.

Many thanks & kind regards,

Lucia Carson I Project Officer
Urban Projects I Suburban Land Agency
Level 7 TransACT House I 470 Northbourne Avenue I DICKSON ACT 2602
T: 6207 9604 I F: 6207 7324 I E: lucia.carson@act.gov.au



From: Bell, Jeff
Sent: Tuesday, 22 May 2018 10:17 AM
To: Carson, Lucia <Lucia.Carson@act.gov.au>
Cc: Pooley, John <John.Pooley@act.gov.au>; Aster-Stater, Alek <Alek.Aster-Stater@act.gov.au>; Henriquez, Jose <Jose.Henriquez@act.gov.au>
Subject: RE: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Hi Lucia,
The advice that Jose provided in the pre-app meeting is to do with the function of the road network and the size of the development. Whilst you correctly identify the requirements for driveways in your email, you have not considered the context, function or location of the development or the interface with the surrounding road network.

In this case, Mortimer Lewis Drive is classified as a collector and the proposed development will consist of 142 dwellings. The development is subject to the traffic generation rate of 6 trips per dwelling per day, as prescribed in the Estate Development Code; as such, the development will generate approximately 852 vehicle movements per day. The plans provided prior to the pre-app meeting indicate that the site will be serviced by two access points;

therefore, even applying a very basic distribution of 50% to each access point, the traffic generation would be in excess of the upper threshold limit for an Access Street A and would be more closely aligned with an Access Street B. Due to the number of dwellings and the traffic that will be generated by the development, it is appropriate for the access points to be designed as intersections rather than driveways.

The provision of intersections, rather than driveways, at this location only changes the interface between the development and the road network, it does not impact on the internal road design within the development.

TCCS' advice is based on the following reference documents:

- Estate Development Code
- Austroads Guide to Road Design Part 4 – Intersections and Crossings, Section 7.2.2 Urban Roads
- Austroads Guide to traffic Management Part 5 – Road Management, Section 2.1.3 Access Management Practice
- AS2890.1 – Off-Street Car Parking , Section 3.1.1 Access Design Principles

Please note that if this development had been subject to an EDP, these issues would have been identified earlier.

Please contact me if you require any additional information.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Carson, Lucia
Sent: Monday, 21 May 2018 2:50 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Pooley, John <John.Pooley@act.gov.au>
Subject: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Afternoon Jeff,

I understand that John Pooley has been speaking to you regarding the issue of driveways for Block 4 Section 28 Greenway. Jose Henriquez has advised the developer that Intersection driveways are required not heavy duty driveways. The driveways for Greenway Block 4 Section 28 are required for those who will be living on the site and not for use by the general public. These driveways are access driveways not intersections, particularly as the site will have multiple units (more than 3 units).

The Design Standards for Urban Infrastructure 5 Drive ways states the following for a multi-unit site;

"Concrete pavements for domestic driveways should be a minimum of 100mm thick Grade 32 concrete on a 75mm layer of compacted sub-base. **For other residential driveways (multi units),** the minimum Grade 32 concrete thickness that will be accepted is 150 mm, reinforced with F82 mesh with 50mm top cover.") These types of driveways are also known as heavy duty driveways which are also required for Commercial driveways.

Kind regards,

Lucia Carson I Project Officer
Urban Projects I Suburban Land Agency
Level 7 TransACT House I 470 Northbourne Avenue I DICKSON ACT 2602
T: 6207 9604 I F: 6207 7324 I E: lucia.carson@act.gov.au


ACT
Government
Suburban Land
Agency
FIND OUT MORE

From: Bell, Jeff
Sent: Friday, 18 November 2016 4:24 PM
To: Rae, Heather
Subject: FW: Greenway S28 Blks 3, 4 and 5 [SEC=UNCLASSIFIED]
Attachments: Pages from SIR B2 S28 Greenway - V1 2016_08_03-2.pdf

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: [redacted]
Sent: Tuesday, 15 November 2016 4:38 PM
To: Bell, Jeff; Chandramohan, Chandra
Subject: Greenway S28 Blks 3, 4 and 5

Jeff/Chandra,

We are undertaking the detailed design of Blocks 3, 4 and 5 of Section 28 Greenway for the LDA. A preliminary stormwater design has been undertaken by SMEC/RD Gossip which we were informed TCCS has been consulted with.

The attached drawings are from the SIR prepared by RD Gossip for the LDA. From the RD Gossip report, the following are proposed:

Northern Overland Flow Path

- the existing 2400 x 900 RCBC (to be retained) has 100 Year ARI capacity but the upstream 750Ø and 1350Ø RCPs have only <10 Yr and 5-20Yr capacities respectively;
- a concrete lined trapezoidal channel with a 3.0m base, 1:4 side slopes and a depth of 600mm (incl 300mm freeboard), is proposed between the Drakeford Drive underpass and the Mortimer Lewis Drive RCBC inlet;
- a stone pitched inlet structure (with PD1 fencing) at the Mortimer Lewis end of the channel and the conversion of a junction to surcharge pit at the RCBC/825Ø junction downstream of the road with mounding to protect the GPT are proposed in order to utilize the across road RCBC capacity; and
- a 15m wide drainage reserve is to be created.

Southern Overland Flow Path

- the existing 900Ø culverts across Drakeford and Mortimer Lewis Drives are connected by an unformed grass swale grading across the site;
- a 675Ø RCP with stone pitched surcharge/inlet pits (with PD1 fences) at each end and with a grassed trapezoidal swale with a 1.0m base, 1:4 side slopes and a depth of 500mm (incl a 300mm freeboard) over the main are proposed between the 900Ø culverts; and
- a 10m wide drainage reserve is to be created.

With the subsequent subdivision of the blocks, the drainage easements will no longer be required as they are already allowed for on Blocks 6 and 7.

For the southern catchment The connection of a 675dia pipe between the existing 900dia pipes are presumably also because it was anticipated that this will be within an easement and to comply with Table 1.19 of DS01 limiting the pipe size within an easement to 675dia. Now that the pipe is no longer in an easement are you happy to keep the 675dia and swale arrangement as proposed in the RD Gossip report?

Thanks for your assistance.

Regards,

[redacted] ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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ACT Government | Suburban Land Agency

Mr Lingam Jatheendran
Chief Engineer, Design Review Coordination
Transport Canberra and Community Services
Level 1, 490 Northbourne Avenue
DICKSON ACT 2602

Dear Lingam,

Block 3, Section 28 Greenway
Operational Acceptance Submission

Please find attached the following documentation to support SLA's request for Operation Acceptance (OA) submission for Block 3 Section 28 Greenway.

SLA has reviewed the documentation prepared by Cardno Pty Ltd and it complies with TCCS (TAMS) Ref Documents 07 and 08.

As per TCCS approval via email on the 16 April 2018, the civil infrastructure that surrounds Block 5 Section 28 Greenway will be handed over separately by the Public Housing Renewal Taskforce and is therefore excised out of the Suburban Land Agency's OA submission.

As per TCCS approval via email on the 29 June 2018, Block 3 will be handed over separately to Block 4 as per the attached approved staging plan.

If you require further information or clarification to support the submission for Operational Acceptance, please contact [redacted] from Cardno Pty Ltd on 6112 4517 or email [redacted] or you can contact me by email joanne.stroud@act.gov.au or phone on 6207 1676.

Yours sincerely

[redacted]

Joanne Stroud
Project Manager
17 July 2018

TransACT House
470 Northbourne Avenue, Dickson ACT 2602
GPO Box 158, Canberra ACT 2601
P: 02 6205 0600
E: suburbanland@act.gov.au
suburbanland.act.gov.au
ABN: 27 105 505 367

From: Abeysekera, Ruwan
Sent: Tuesday, 12 February 2019 1:39 PM
To: Chandramohan, Chandra
Subject: FW: Greenway Section 28 - Footpath [SEC=UNCLASSIFIED]
Attachments: 20190208 TCCS Design Acceptance Report S28 Footpath Greenway.docx; Full Set Drawings_Updated.pdf

Hi Chandra,

See the below response from the consultant. Could you please advise?

Kind regards,

Ruwan

From: [redacted]
Sent: Tuesday, 12 February 2019 1:15 PM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted]
Subject: RE: Greenway Section 28 - Footpath [SEC=UNCLASSIFIED]

Dear Ruwan,

Thanks a lot for your response.

We have updated the drawings and Design Report to reflect your comments.

Answering your comments below:

1. The proposed footpath shoulder details have not provided. **Please refer to drawing 50517027-FP-1007 for typical footpath section.**
2. It is not clear the proposed verge crossing is part of this submission or not? Please clarify. **The driveway and the Pram Crossing have been removed from the scope of works. Unfortunately, last drawing 50517027-FP-1015 did show driveway and P/C, but it is not part of the Scope of Works.**
3. The Pram crossing (P/C) details also to be provided. **Pram (P/C) is not part of the scope of works.**
4. Please remove the WAE stamp from the general arrangement plan. **Removed. Please refer to attached drawings.**

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

Kind Regards,

[redacted]
PROJECT ENGINEER
CARDNO

Cardno

Phone Fax +61 2 6112 4575 Direct +61 2 6112 4575
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia

Email [redacted] Web www.cardno.com

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From: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Sent: Tuesday, 12 February 2019 12:03 PM
To: [redacted]
Subject: Greenway Section 28 - Footpath [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your design submission for the above development.

I have reviewed the submission and provide the following comments.

1. The proposed footpath shoulder details have not provided.
2. It is not clear the proposed verge crossing is part of this submission or not? Please clarify.
3. The Pram crossing (P/C) details also to be provided.
4. Please remove the WAE stamp from the general arrangement plan.

Kind regards.

Ruwan Abeysekera| Compliance Inspection Officer Place Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Place Coordination and Planning | Transport Canberra and City Services Directorate | ACT Government
Level 1, 490 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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TCCS DRC Design Review Report

Greenway Section 28 - Footpath

50517027



Prepared for
Transport Canberra and City Services

8th February 2019

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Contact Information

Cardno (NSW/ACT) Pty Ltd
ABN 95 001 145 035

Level 2, 14 Wormald Street
Symonston ACT 2609
Australia

www.cardno.com
Phone +61 2 6112 4500

Document Information

Prepared for	Transport Canberra and City Services
Project Name	Greenway Section 28 - Footpath
File Reference	Design Acceptance Report
Job Reference	50517027
Date	8th February 8, 2019
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Date Approved	12/02/2019

Author(s):
[redacted]
Project Engineer

Approved:
[redacted]
Senior Design Engineer

Document History

Version	Effective Date	Description of Revision	Prepared by	Reviewed by
1.0	12/02/2019	TCCS Submission	[redacted]	[redacted]

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Executive Summary

The ACT Government, Suburban Land Agency, is proposing to construct a 2.0m wide footpath along Block 3 and 4, Section 28 in Greenway. Refer to **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Project Location



The ACT Government engaged Cardno to undertake the footpath detailed design along Mortimer Lewis Drive within the verge adjacent to Block 3 and 4, Section 28 in Greenway.

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Figure 1-1 Aerial View of the Site (2017 photography) 1

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1 Project Description

1.1 Scope of Works

Cardno was engaged by the ACT Government, Suburban Land Agency to construct a continuous footpath (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. (Refer to **Figure 1-2** for project location).

The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath. The works also includes removal of existing footpath tie-in and construction of the new concrete footpath tie-in approximately 50m2 in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

For this reason, Cardno developed the detailed design to construct a 2.0m wide footpath a along Block 3 and 4, Section 28 in Greenway. The proposed design includes the following:

- Sketches of the site depicting location of the footpath works;
- Verge Management
- Design of a 2.0m wide footpath works;
- Temporary Traffic Management;
- Details drawings.

Refer **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Aerial View of the Site (2017 photography)



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1.2 Design Standards – TCCS Ref Doc 06 Clause 6.2.3

The following standards have been consulted during the design of TCCS Assets:

> TCCS Design Standards, Standard Drawings and Standard Specifications for Urban Infrastructure;
> AS/NZS3500.3:2003: Plumbing and drainage – Stormwater drainage
> AS/NSZ 3600 Concrete Structures
> AS/NZS 4100 Steel Structures
> TCCS Design Standards
> DS2 - Road Planning
> DS3 - Road Design
> DS4 - Road Verges
> DS5 - Driveways
> DS6 - Pavement Design
> DS8 – Guide Signs
> DS9 - Traffic Control Devices
> DS10 - Parking Areas
> DS11 - Guardrails, Fences and Barriers
> DS12 - Public Lighting
> DS13 - Pedestrian and Cycle Facilities
> DS14 - Urban Open Space
> DS16 – Urban Wetlands Lakes and Ponds
> DS19 – Street and Park Furniture and Barbecues
> DS20 – Urban Edge Management Zones
> DS21 – Irrigation
> DS22 – Soft Landscape Design
> DS23 - Plant Species For Urban Landscape Projects
> DS25 – Urban Park and Open Space Signage

TCCS Reference Documents

> Ref 04 – Protection of public landscape Assets;
> Ref 06 – Requirements for design acceptance submissions;
> Ref 07 – Operational acceptance submissions;
> Ref 08 – Works as executed quality records;
> Ref 09 – Final acceptance submissions;
> Ref 10 – Landscape consolidation; and
> Ref 11 – Drafting standard for civil and landscape works.

Other design standards applicable to the project:

> ACT Statutory Requirements.
> National Construction Code incorporating the Building Code of Australia.
> Relevant Australian Standards.

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1.3 Design Aspects

1.3.1 Roads – TCCS Ref Doc 06 Clause 7.1

Not applicable.

1.3.2 Pedestrian and Cycle Facilities – TCCS Ref Doc 06 Clause 7.2

Cardno has developed the detail design (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath.

The design has been developed considering the removal of existing footpath tie-in and construction of the new concrete footpath tie-in approx. 50 m^2 in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

Design Considerations:

- The footpath finished level shall at all instances, blend into the 2% verge crossfall as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The footpath cross-fall shall be 2% as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The set-out of the footpath shall ensure that it is offset a minimum of 600mm from all drainage embankments.
- Strip and stockpile topsoil from the approved path alignment.
- Lay mimimum 75mm granular sub-base with minimum compacted thickness at 95% standard compaction.
- Footpath to be 100mm think and minimum 25MPa concrete layer and SL72 Mesh Central (Refer Standard Drawing for Path Standard Details Drawing No. DS13-01.
- Redistribute stockpiled topsoil to disturbed verge areas including backfilling against edges of the new path.
- Reinstate dryland grassing to all disturbed verge areas.

1.3.3 Carparks – TCCS Ref Doc 06 Clause 7.3

Not applicable.

1.3.4 Street Lighting – TCCS Ref Doc 06 Clause 7.4

Not applicable.

1.3.5 Bridges and Associated Structures – TCCS Ref Doc 06 Clause 7.5

Not applicable.

1.3.6 Stormwater – TCCS Ref Doc 06 Clause 7.6

Not applicable.

1.3.7 Temporary Traffic Management – TCCS Ref Doc 06 Clause 7.7

Traffic will be managed in accordance with the approved Temporary Traffic Management Plan. The Traffic Management will facilitate safe movement of traffic adjacent to the construction site while work is undertaken on the existing verge.

1.3.8 Waste Management – TCCS Ref Doc 06 Clause 7.8

Not applicable.

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1.3.9 Landscape – TCCS Ref Doc 06 Clause 7.9

Not applicable.

1.3.10 Buildings – TCCS Ref Doc 06 Clause 7.10

Not applicable.

1.3.11 Services – TCCS Ref Doc 06 Clause 7.11

Not applicable.

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TCCS DRC Design Review Report

Greenway Section 28 - Footpath

50517027



Prepared for
Transport Canberra and City Services

8th February 2019

Cardno

Contact Information

Cardno (NSW/ACT) Pty Ltd
ABN 95 001 145 035

Level 2, 14 Wormald Street
Symonston ACT 2609
Australia

www.cardno.com
Phone +61 2 6112 4500

Document Information

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Author(s):

[redacted]

Project Engineer

Approved:

[redacted]

Senior Design Engineer

Document History

Version	Effective Date	Description of Revision	Prepared by	Reviewed by
1.0	12/02/2019	TCCS Submission	[redacted]	[redacted]

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1.4 Proposed Staging / Approach to Handover

The site work will be constructed in one single Stage.

1.5 Construction Specification

ACT Standard Specifications for Urban Infrastructure Works, Edition 1, Revision 0/S

1.6 Key Parties to the Project

Table 1-1 Key Parties to the Project

Role	Organisation
Developer:	The ACT Government, Suburban Land Agency
Project Manager:	Mark Overton (Client)
Design:	[redacted] - Cardno
Construction:	TBA
Builder:	TBA
TCCS Coordinator:	[redacted] Cardno
Consultants:	
Civil	Cardno

1.7 Letter of Authorization

Please refer to Appendix D.

1.8 Consultation

The Development Application design was undertaken in close consultation with relevant service authorities, existing residents and EPSDD and was not determined to significantly detriment the interests of these parties.

1.9 Products

Not applicable.

1.10 Exception Clauses

Not applicable.

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1.11 Drawing List

The following drawings are included within **Appendix A** of this report.

Table 1-1 Drawings for Approval

Drawing Number	Drawing Title	Revision
50517027-FP-1000	COVER SHEET	1
50517027-FP-1001	GENERAL NOTES, LEGEND, AND DRAWING LIST	2
50517027-FP-1003	SITE PLAN	2
50517027-FP-1007	TYPICAL SECTIONS	2
50517027-FP-1010	GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1011	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1015	PAVEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1016	PAVEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1030	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1031	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 2 OF 2	2

1.12 Dilapidation Report

Refer to **Appendix C** for the full dilapidation report.

1.13 Temporary Works

No temporary works are proposed as part of this project.

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Executive Summary

The ACT Government, Suburban Land Agency, is proposing to construct a 2.0m wide footpath along Block 3 and 4, Section 28 in Greenway. Refer to **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Project Location



The ACT Government engaged Cardno to undertake the footpath detailed design along Mortimer Lewis Drive within the verge adjacent to Block 3 and 4, Section 28 in Greenway.

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Appendix B DESIGN CERTIFICATION

Appendix C DILAPIDATION REPORT

Appendix D LETTER OF AUTHORIZATION

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Figure 1-1 Aerial View of the Site (2017 photography) 1

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2 Design Certification

We certify that the detailed design has been undertaken in accordance with the TCCS Design Standards and the requirements for the approved Development Application 201425921. The design drawings have been individually reviewed and signed by the responsible Chartered Engineer as a confirmation of compliance.

No significant departures from TCCS and Australian Standards are proposed as part of these works.

The detailed design drawings that accompany this report have been reviewed as part of our QA system and meet the requirements of TCCS Requirements for Design Acceptance Submissions for infill Developments. (Issue 1 Revision 1) and comply with the provisions of AS1100.

Design Certification is provided within **Appendix B** and demonstrates the design complies with all applicable standards / previous approvals.

2.1 Verification and Validation

2.1.1 Cardno Verification

Cardno has developed and maintains a third party certified quality management system (QMS) certified to ISO9001 which is applied to all projects, to achieve quality and consistency throughout the design process.

At Cardno, QMS is applied to all phases of a project including document and data control, design and process control and project management. The QMS provides for internal audits during the design process undertaken by senior engineers and designers and requires designs and drawings to be audited and signed as checked, verified and approved before being issued.

Additional information regarding our QMS can be obtained by contacting the authors of this report.

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APPENDIX A

DRAWINGS

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1 Project Description

1.1 Scope of Works

Cardno was engaged by the ACT Government, Suburban Land Agency to construct a continuous footpath (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. (Refer to **Figure 1-2** for project location).

The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath. The works also includes removal of existing footpath tie-in and construction of the new concrete footpath tie-in approximately 50m2 in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

For this reason, Cardno developed the detailed design to construct a 2.0m wide footpath a along Block 3 and 4, Section 28 in Greenway. The proposed design includes the following:

- Sketches of the site depicting location of the footpath works;
- Verge Management
- Design of a 2.0m wide footpath works;
- Temporary Traffic Management;
- Details drawings.

Refer **Figure 1-1** for an aerial image of the subject site (outlined by red dashed boundaries for the site location and blue line for the proposed footpath).

Figure 1-1 Aerial View of the Site (2017 photography)



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1.2 Design Standards – TCCS Ref Doc 06 Clause 6.2.3

The following standards have been consulted during the design of TCCS Assets:

> TCCS Design Standards, Standard Drawings and Standard Specifications for Urban Infrastructure;
> AS/NZS3500.3:2003: Plumbing and drainage – Stormwater drainage
> AS/NSZ 3600 Concrete Structures
> AS/NZS 4100 Steel Structures
> TCCS Design Standards
> DS2 - Road Planning
> DS3 - Road Design
> DS4 - Road Verges
> DS5 - Driveways
> DS6 - Pavement Design
> DS8 – Guide Signs
> DS9 - Traffic Control Devices
> DS10 - Parking Areas
> DS11 - Guardrails, Fences and Barriers
> DS12 - Public Lighting
> DS13 - Pedestrian and Cycle Facilities
> DS14 - Urban Open Space
> DS16 – Urban Wetlands Lakes and Ponds
> DS19 – Street and Park Furniture and Barbecues
> DS20 – Urban Edge Management Zones
> DS21 – Irrigation
> DS22 – Soft Landscape Design
> DS23 - Plant Species For Urban Landscape Projects
> DS25 – Urban Park and Open Space Signage

TCCS Reference Documents

> Ref 04 – Protection of public landscape Assets;
> Ref 06 – Requirements for design acceptance submissions;
> Ref 07 – Operational acceptance submissions;
> Ref 08 – Works as executed quality records;
> Ref 09 – Final acceptance submissions;
> Ref 10 – Landscape consolidation; and
> Ref 11 – Drafting standard for civil and landscape works.

Other design standards applicable to the project:

> ACT Statutory Requirements.
> National Construction Code incorporating the Building Code of Australia.
> Relevant Australian Standards.

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APPENDIX B

DESIGN CERTIFICATION

APPENDIX C

DILAPIDATION REPORT

1.3 Design Aspects

1.3.1 Roads – TCCS Ref Doc 06 Clause 7.1

Not applicable.

1.3.2 Pedestrian and Cycle Facilities – TCCS Ref Doc 06 Clause 7.2

Cardno has developed the detail design (approximately 505 lineal metres) along Mortimer Lewis Drive within the verge adjacent to Blocks 3 & 4. The footpath shall be 2 meters wide, 100 mm thick. The footpath shall achieve the crossfall required under the relevant TCCS standard(s) and match existing surface levels including cover level of NBN pits adjoining the footpath.

The design has been developed considering the removal of existing footpath tie-in and construction of the new concrete footpath tie-in approx. 50 m^2 in Block 3 on the western side of Mortimer Lewis Drive. The new concrete footpath tie-in to match seamlessly to the existing pavement levels.

Design Considerations:

- The footpath finished level shall at all instances, blend into the 2% verge crossfall as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The footpath cross-fall shall be 2% as per the TCCS Standard Drawing for Path Standard Details Drawing No. DS13-01.
- The set-out of the footpath shall ensure that it is offset a minimum of 600mm from all drainage embankments.
- Strip and stockpile topsoil from the approved path alignment.
- Lay mimimum 75mm granular sub-base with minimum compacted thickness at 95% standard compaction.
- Footpath to be 100mm think and minimum 25MPa concrete layer and SL72 Mesh Central (Refer Standard Drawing for Path Standard Details Drawing No. DS13-01.
- Redistribute stockpiled topsoil to disturbed verge areas including backfilling against edges of the new path.
- Reinstate dryland grassing to all disturbed verge areas.

1.3.3 Carparks – TCCS Ref Doc 06 Clause 7.3

Not applicable.

1.3.4 Street Lighting – TCCS Ref Doc 06 Clause 7.4

Not applicable.

1.3.5 Bridges and Associated Structures – TCCS Ref Doc 06 Clause 7.5

Not applicable.

1.3.6 Stormwater – TCCS Ref Doc 06 Clause 7.6

Not applicable.

1.3.7 Temporary Traffic Management – TCCS Ref Doc 06 Clause 7.7

Traffic will be managed in accordance with the approved Temporary Traffic Management Plan. The Traffic Management will facilitate safe movement of traffic adjacent to the construction site while work is undertaken on the existing verge.

1.3.8 Waste Management – TCCS Ref Doc 06 Clause 7.8

Not applicable.

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1.3.9 Landscape – TCCS Ref Doc 06 Clause 7.9

Not applicable.

1.3.10 Buildings – TCCS Ref Doc 06 Clause 7.10

Not applicable.

1.3.11 Services – TCCS Ref Doc 06 Clause 7.11

Not applicable.

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APPENDIX D

LETTER OF AUTHORIZATION

1.4 Proposed Staging / Approach to Handover

The site work will be constructed in one single Stage.

1.5 Construction Specification

ACT Standard Specifications for Urban Infrastructure Works, Edition 1, Revision 0/S

1.6 Key Parties to the Project

Table 1-1 Key Parties to the Project

Role	Organisation
Developer:	The ACT Government, Suburban Land Agency
Project Manager:	Mark Overton (Client)
Design:	[redacted] - Cardno
Construction:	TBA
Builder:	TBA
TCCS Coordinator:	[redacted] Cardno
Consultants:	
Civil	Cardno

1.7 Letter of Authorization

Please refer to Appendix D.

1.8 Consultation

The Development Application design was undertaken in close consultation with relevant service authorities, existing residents and EPSDD and was not determined to significantly detriment the interests of these parties.

1.9 Products

Not applicable.

1.10 Exception Clauses

Not applicable.

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1.11 Drawing List

The following drawings are included within **Appendix A** of this report.

Table 1-1 Drawings for Approval

Drawing Number	Drawing Title	Revision
50517027-FP-1000	COVER SHEET	1
50517027-FP-1001	GENERAL NOTES, LEGEND, AND DRAWING LIST	2
50517027-FP-1003	SITE PLAN	2
50517027-FP-1007	TYPICAL SECTIONS	2
50517027-FP-1010	GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1011	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1015	PAVEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1016	PAVEMENT PLAN - SHEET 2 OF 2	2
50517027-FP-1030	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 1 OF 2	2
50517027-FP-1031	CONCEPT TEMPORARY TRAFFIC MANAGEMENT PLAN - SHEET 2 OF 2	2

1.12 Dilapidation Report

Refer to **Appendix C** for the full dilapidation report.

1.13 Temporary Works

No temporary works are proposed as part of this project.

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2 Design Certification

We certify that the detailed design has been undertaken in accordance with the TCCS Design Standards and the requirements for the approved Development Application 201425921. The design drawings have been individually reviewed and signed by the responsible Chartered Engineer as a confirmation of compliance.

No significant departures from TCCS and Australian Standards are proposed as part of these works.

The detailed design drawings that accompany this report have been reviewed as part of our QA system and meet the requirements of TCCS Requirements for Design Acceptance Submissions for infill Developments. (Issue 1 Revision 1) and comply with the provisions of AS1100.

Design Certification is provided within **Appendix B** and demonstrates the design complies with all applicable standards / previous approvals.

2.1 Verification and Validation

2.1.1 Cardno Verification

Cardno has developed and maintains a third party certified quality management system (QMS) certified to ISO9001 which is applied to all projects, to achieve quality and consistency throughout the design process.

At Cardno, QMS is applied to all phases of a project including document and data control, design and process control and project management. The QMS provides for internal audits during the design process undertaken by senior engineers and designers and requires designs and drawings to be audited and signed as checked, verified and approved before being issued.

Additional information regarding our QMS can be obtained by contacting the authors of this report.

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APPENDIX A

DRAWINGS

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APPENDIX B

DESIGN CERTIFICATION

APPENDIX C

DILAPIDATION REPORT

Cardno®

APPENDIX D

LETTER OF AUTHORIZATION

Cardno
Shaping the Future

Cardno (NSW/ACT) Pty Ltd | ABN 95 001 145 035
Level 2, 14 Wormald Street
Symonston ACT 2609
Tel: 02 6112 4500 Fax: 02 6112 4599
Web: www.cardno.com.au

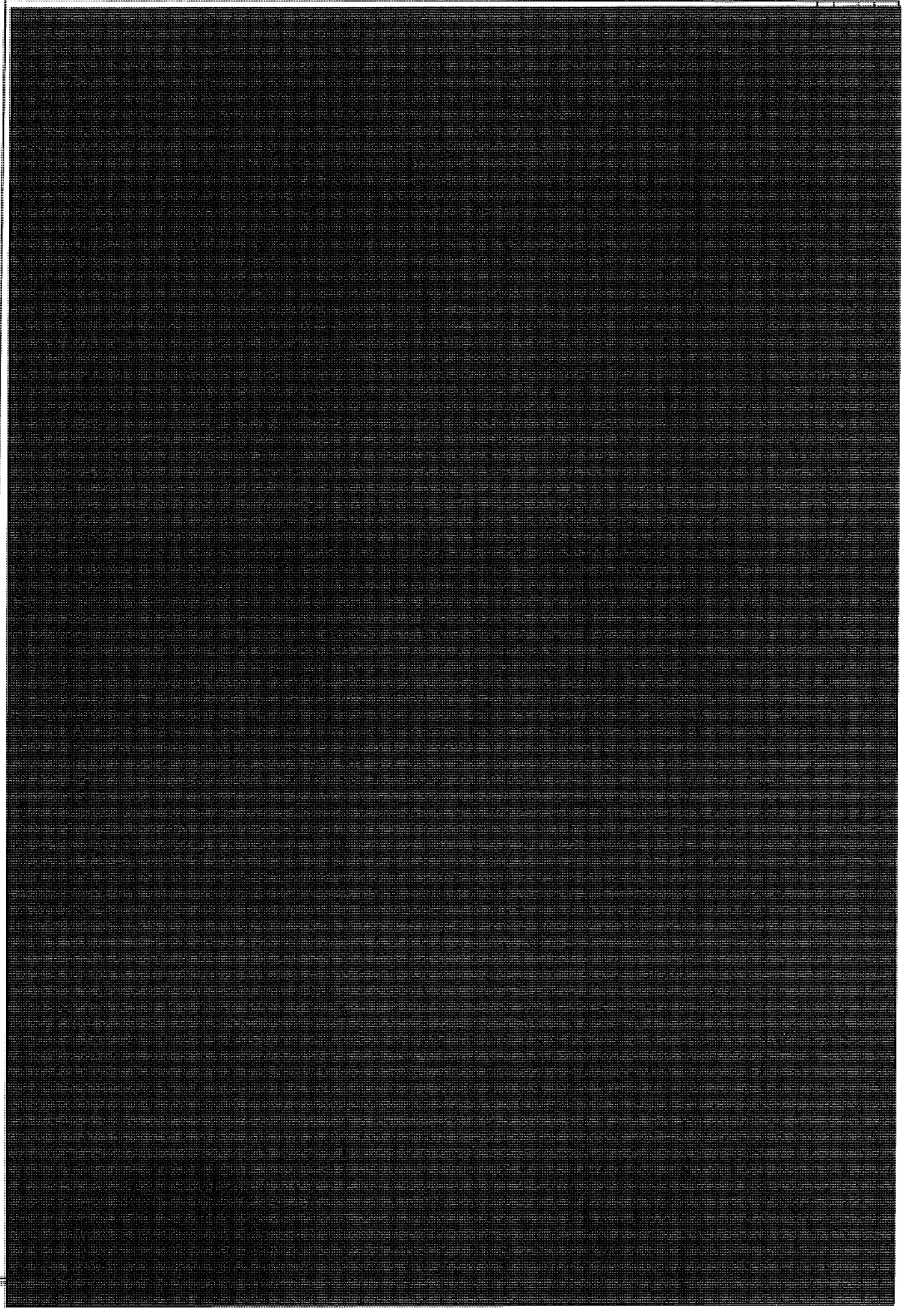
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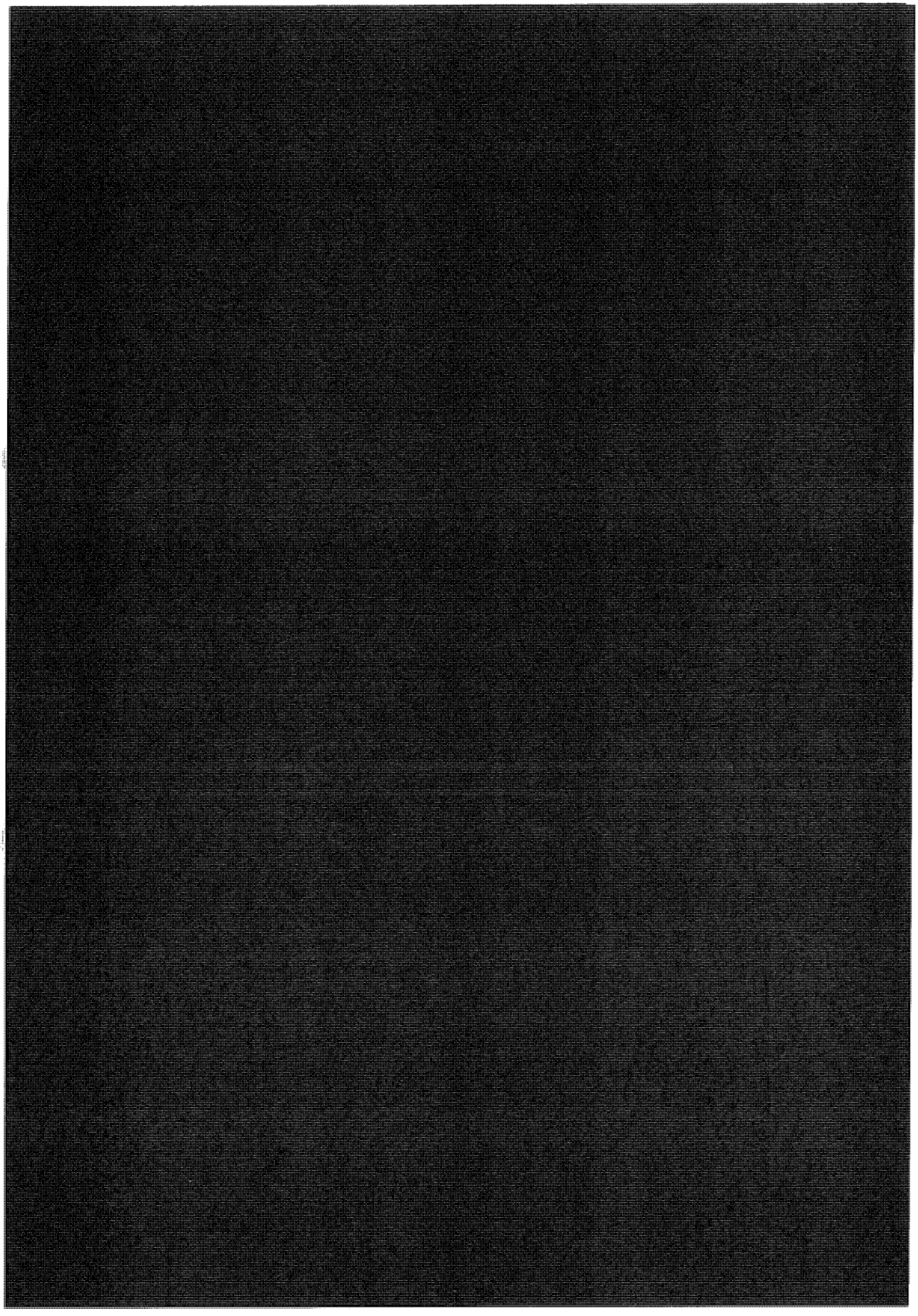
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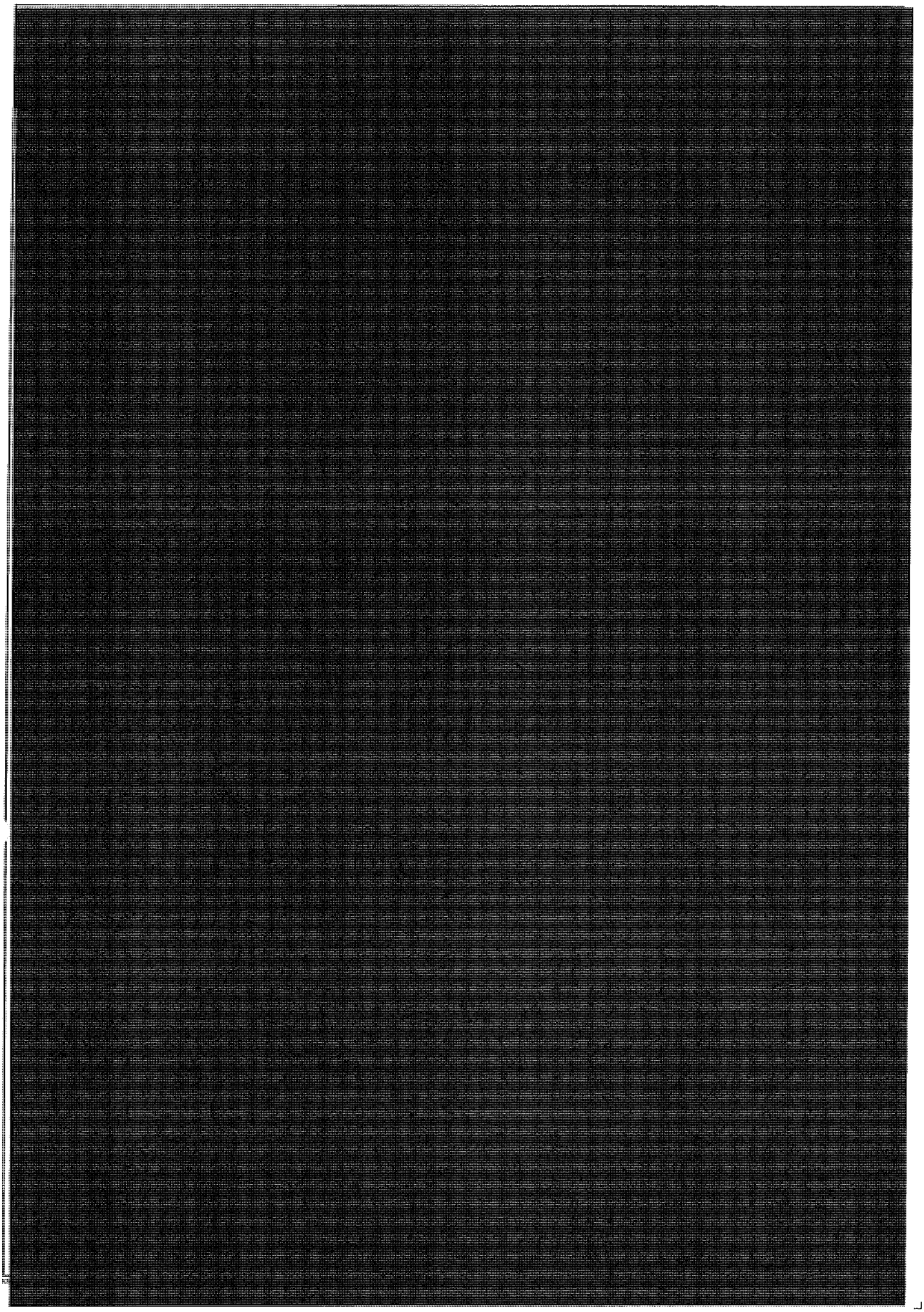
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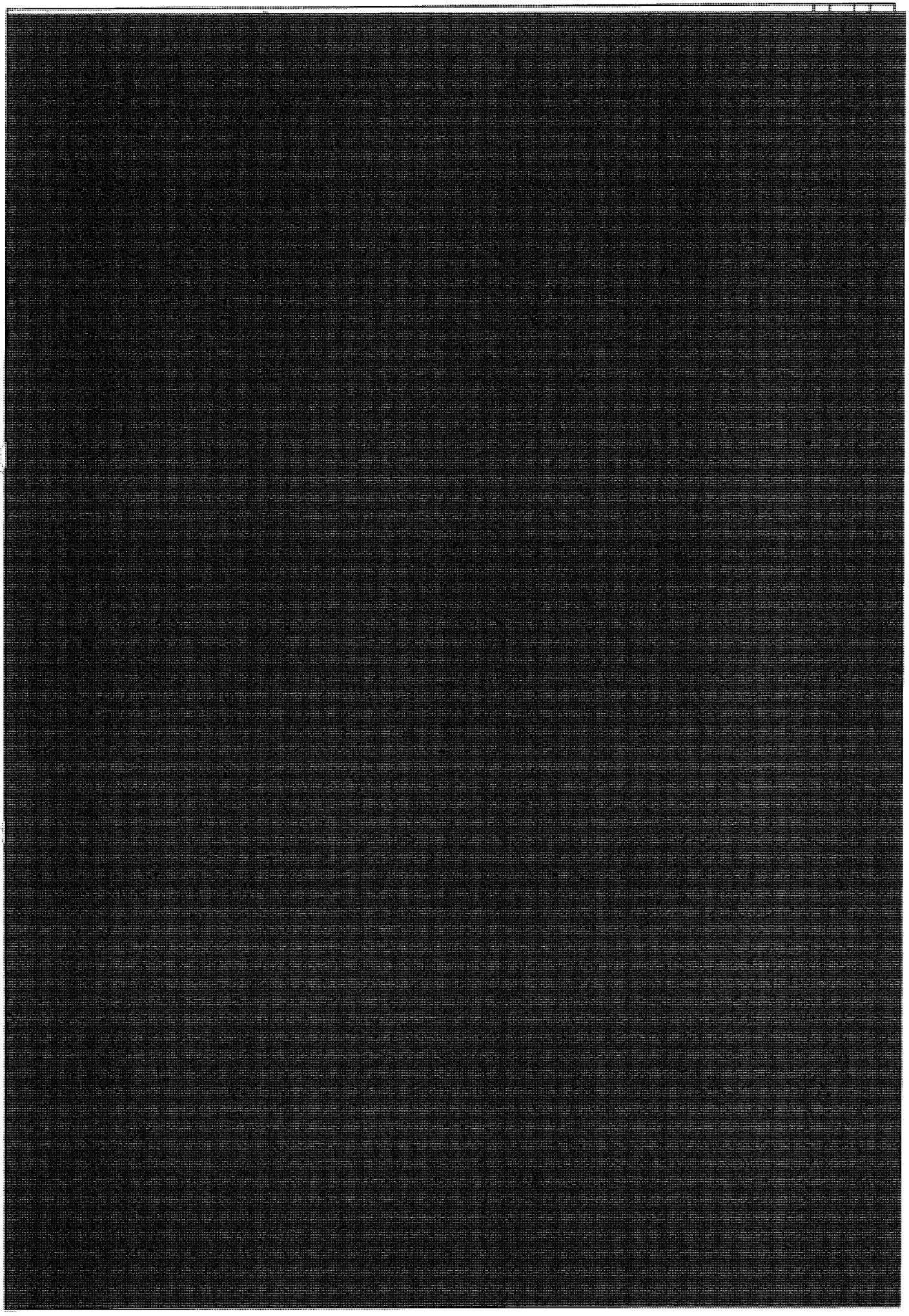
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FOR APPROVAL

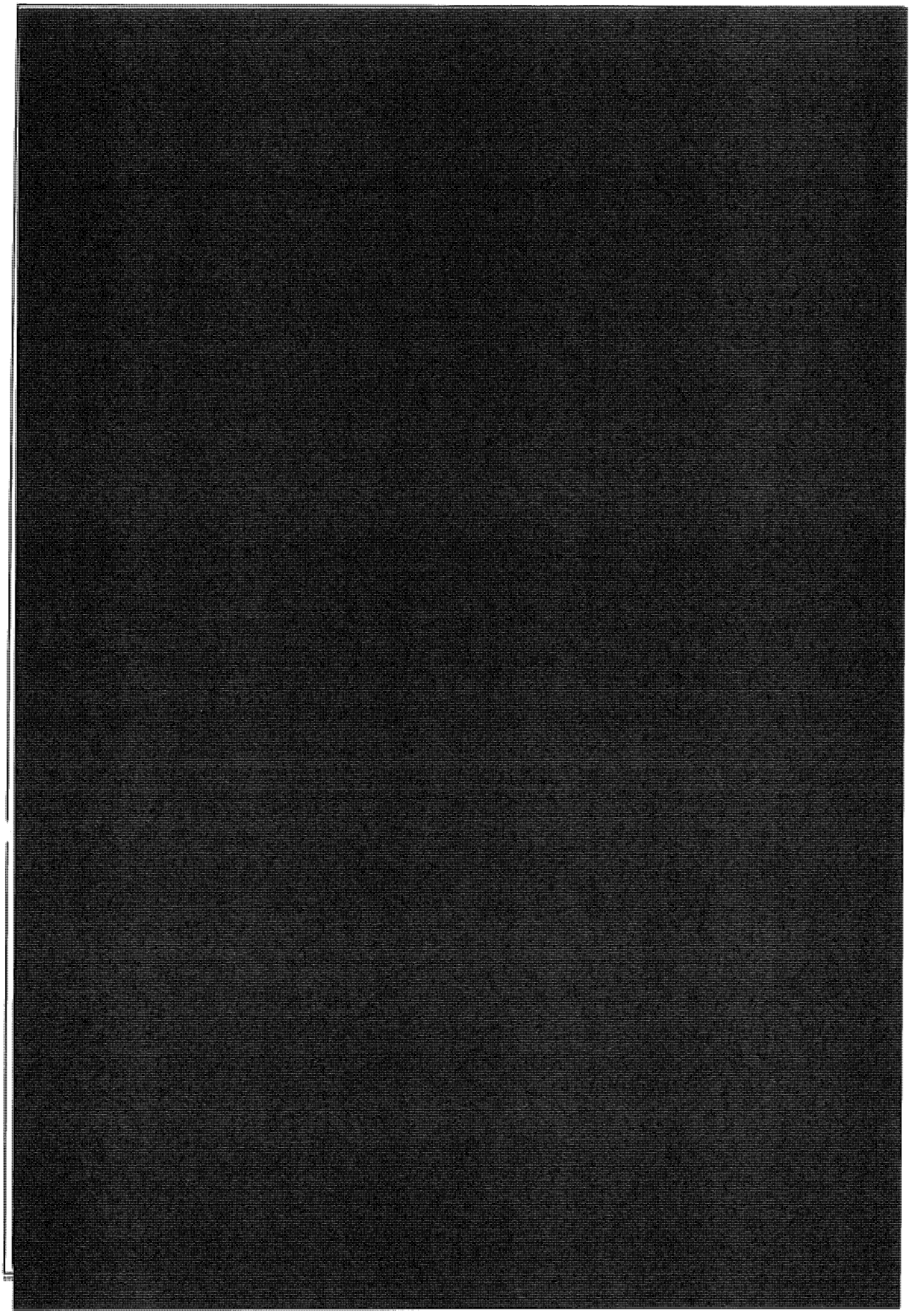
DATE PLOTTED: 12 February 2019 10:52 AM BY: GOULAH JESSICA
CAD File: K:\cardno.corp\Data\ANU\SA\Directory Structure\Projects\50517027\02_Greenway S28 B1 & F\Delivery\Footpath\AUSPOA\PPRO\ANU50517027-FP-1000.dwg

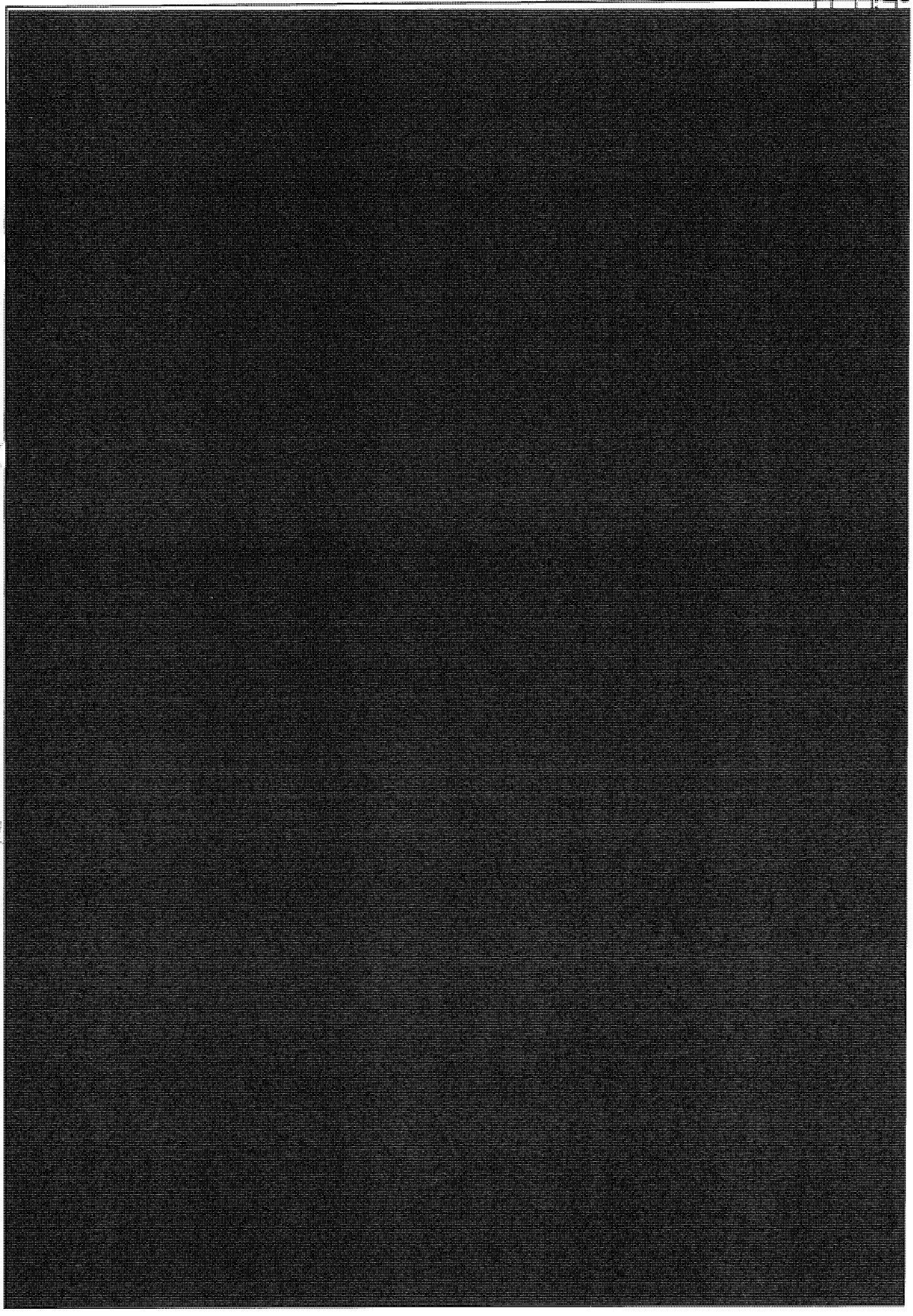


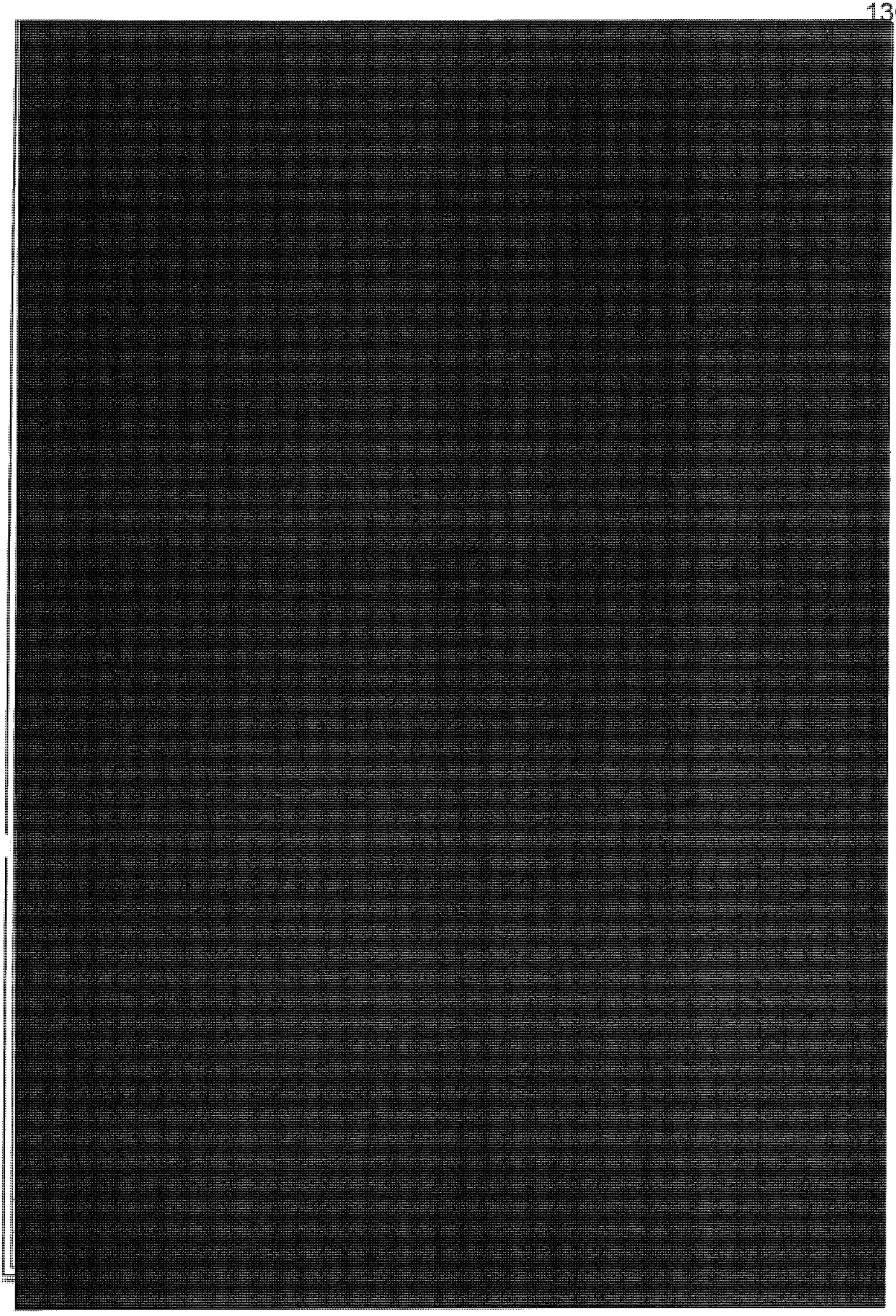


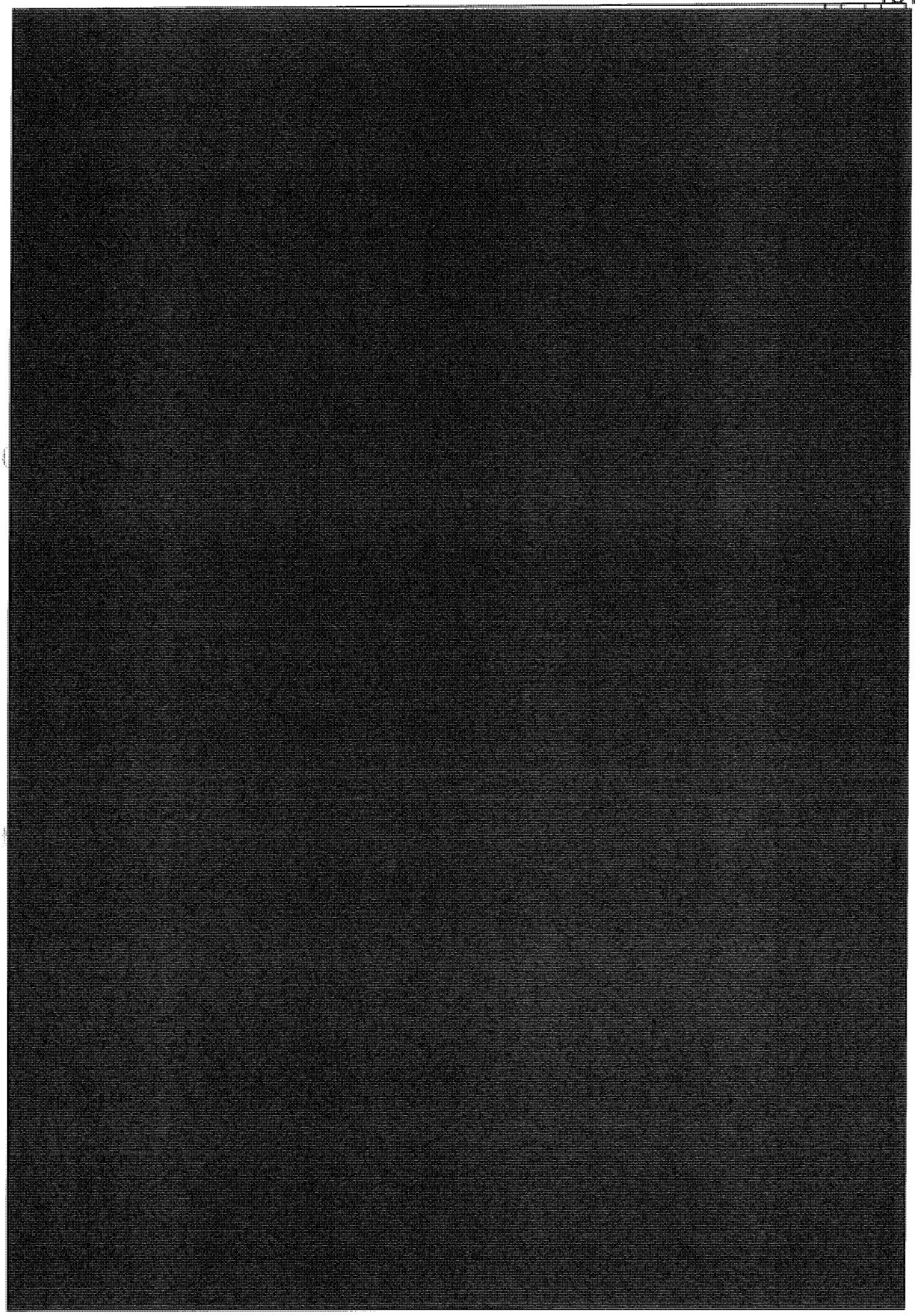


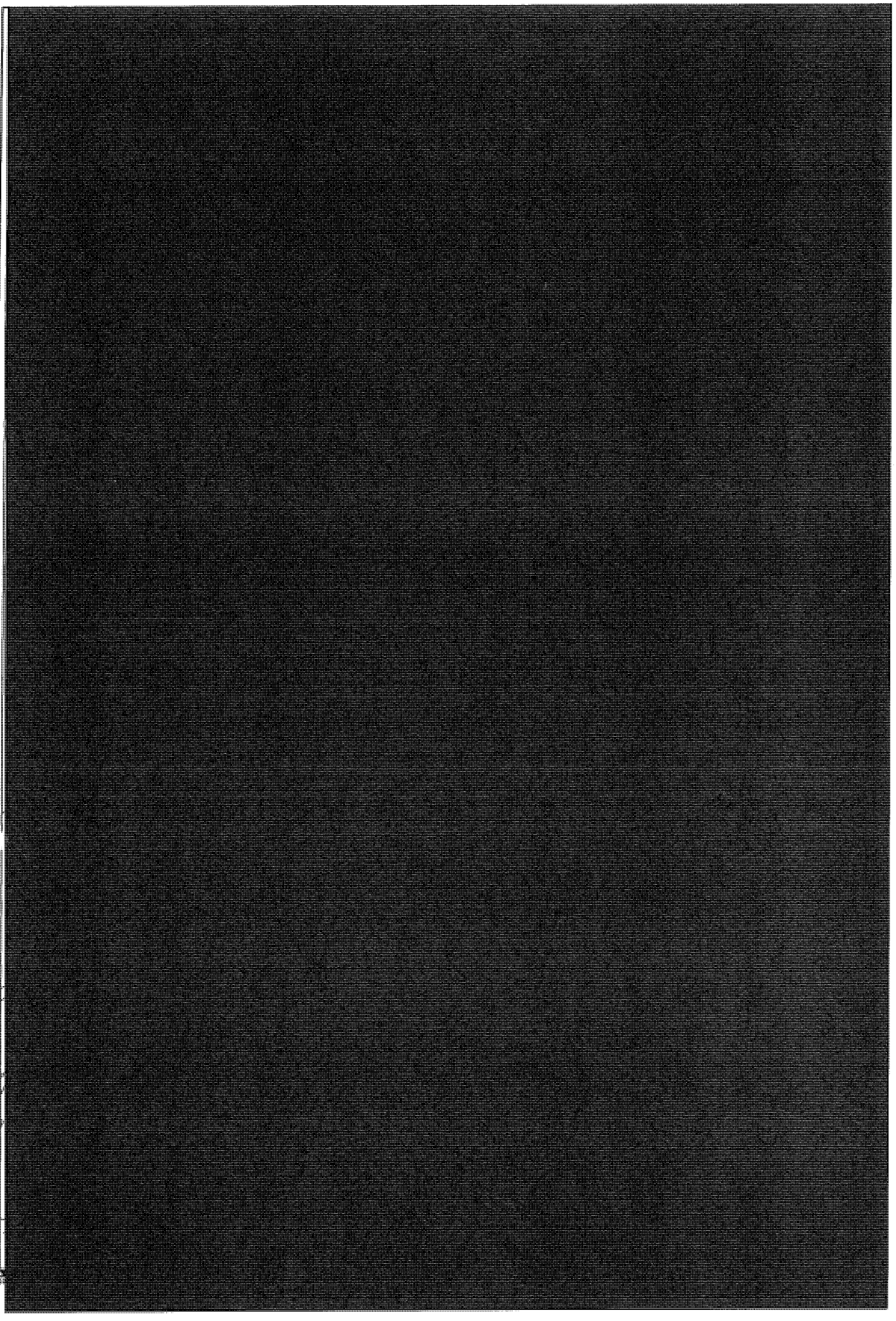












From: Arul, Adrian
Sent: Friday, 8 April 2016 11:52 AM
To: Rae, Heather
Cc: [redacted]; Bell, Jeff; Joseph, Gabriel; Cantamessa, Cindy; Mundy, Graham; Chowdhury, Abu Sayem
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Heather

Noted the contents with thanks.

Agreed that SMEC will prepare the meeting minutes held on Wednesday 06 April 2016.

Please note that I wish to keep the "TAMS requested ' heading requirement as was the case at the time of meeting discussion. In fact those were requested by AA of TAMS. Our consultant will justify these requested items in consultation with us.

Further, we also like to keep those items discussed for the future reference (Design stage) and our preference is not to separate them.

I also wish to confirm that there won't be any changes from the original the meeting(11 March 2016) minute sent.

Regards
Adrian

From: Rae, Heather
Sent: Friday, 8 April 2016 11:28 AM
To: Arul, Adrian
Cc: [redacted] Bell, Jeff; Joseph, Gabriel; Cantamessa, Cindy; Mundy, Graham; Chowdhury, Abu Sayem
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Adrian,

Thank you for the email.
I will await the minutes and information in relation to the stormwater overland flow path.

In response to your question to the first meeting minutes, I wish to remove the 'TAMS requested' at headings, as the requested information should be provided as part of the due diligence for the consultant.
I'm happy to separate the SIR requirements from the detailed design aspects, of which most of them were.
Refer to attached file.

Thank you for the appreciation and look forward to the project moving forward.

Kind regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Arul, Adrian
Sent: Friday, 8 April 2016 11:10 AM
To: Rae, Heather
Cc: [redacted]ell, Jeff; Joseph, Gabriel; Cantamessa, Cindy; Mundy, Graham
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Heather

I understand that Geoff arranged the meeting at SMEC's request. The purpose of the meeting was to discuss & agree on the both proposed floodway paths following on TAMS' request from the previous meeting held on 11 March 2016.

This email is to confirm that we concluded in the meeting that a minute will be prepared with agreed items and a schematic (Sketch) diagram prepared by SMEC. The decision made at the meeting will assist us in moving forward without any delay. This is important and critical for the Public Housing Renewal Taskforce (PHRT) timing as well. Also that TAMS may be aware that the balance of the block 2 is already in the LRP.

On the other hand I am happy for you to prepare the meeting for consistency. Please let us know.

Also please let me know if you have any inconsistency with the previous minutes. If not we will take that as accepted.

I take this opportunity to thank you all for the time to provide a valuable input and continue to look forward to your support.

Happy to discuss,

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au
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From: Rae, Heather
Sent: Friday, 8 April 2016 10:29 AM
To: Arul, Adrian; [redacted]
Subject: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi All,

I was wanting to follow up with some minutes, but then thought that your team may already have some draft minutes underway.

Happy to review these for consistency of understanding.

Also, I have misplaced the plans etc tabled, so would appreciate a copy for our records.

Thanks in advance.
Regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Rae, Heather
Sent: Friday, 1 April 2016 1:25 PM
To: Arul, Adrian; Joseph, Gabriel; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes - REVISED
Attachments: REVISED - Meeting Minutes TAMSGreenwayS28B2A.docx

Good afternoon Adrian,

Please amend as per the attached.
To clarify, the design consultant should demonstrate that the proposed development would not adversely impact on the proposed environment and existing users.
In this manner, the minutes indicate 'TAMS AA requested' which is not correct.

Refer to the attached amendment, please rectify minutes and recirculate.

Kind regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Arul, Adrian
Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

Dear All

Thank you for attending and providing your input to the meeting.

Please find attached the minutes of the meeting.

<< File: Meeting Minutes TAMSGreenwayS28B2A.doc >>
The meeting was arranged to update the previous Site Investigation Report (2012) for the purpose of determining minor works to service the site.

Please keep in mind the urgency of the project, Thanks.
Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
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-----Original Appointment-----
From: Rae, Heather
Sent: Thursday, 10 March 2016 4:56 PM
To: Rae, Heather; Arul, Adrian; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: FW: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

-----Original Appointment-----
From: Rae, Heather
Sent: Tuesday, 8 March 2016 11:41 AM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

[redacted]

Please send through preliminary plans and any background information that would assist understanding.

Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

From: Rae, Heather
Sent: Friday, 1 April 2016 1:25 PM
To: Arul, Adrian; Joseph, Gabriel; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes - REVISED
Attachments: REVISED - Meeting Minutes TAMSGreenwayS28B2A.docx

Good afternoon Adrian,

Please amend as per the attached.
To clarify, the design consultant should demonstrate that the proposed development would not adversely impact on the proposed environment and existing users.
In this manner, the minutes indicate 'TAMS AA requested' which is not correct.

Refer to the attached amendment, please rectify minutes and recirculate.

Kind regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825 | Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Arul, Adrian
Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

Dear All

Thank you for attending and providing your input to the meeting.

Please find attached the minutes of the meeting.

<< File: Meeting Minutes TAMSGreenwayS28B2A.doc >>
The meeting was arranged to update the previous Site Investigation Report (2012) for the purpose of determining minor works to service the site.

Please keep in mind the urgency of the project, Thanks.
Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
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adrian.arul@act.gov.au

www.lda.act.gov.au

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-----Original Appointment-----
From: Rae, Heather
Sent: Thursday, 10 March 2016 4:56 PM
To: Rae, Heather; Arul, Adrian; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: FW: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

-----Original Appointment-----
From: Rae, Heather
Sent: Tuesday, 8 March 2016 11:41 AM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

[redacted]

Please send through preliminary plans and any background information that would assist understanding.

Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

ACT Government | Suburban Land Agency

Mr Lingam Jatheendran
Chief Engineer, Design Review Coordination
Transport Canberra and Community Services
Level 1, 490 Northbourne Avenue
DICKSON ACT 2602

Dear Lingam,

Block 3, Section 28 Greenway
Operational Acceptance Submission

Please find attached the following documentation to support SLA's request for Operation Acceptance (OA) submission for Block 3 Section 28 Greenway.

SLA has reviewed the documentation prepared by Cardno Pty Ltd and it complies with TCCS (TAMS) Ref Documents 07 and 08.

As per TCCS approval via email on the 16 April 2018, the civil infrastructure that surrounds Block 5 Section 28 Greenway will be handed over separately by the Public Housing Renewal Taskforce and is therefore excised out of the Suburban Land Agency's OA submission.

As per TCCS approval via email on the 29 June 2018, Block 3 will be handed over separately to Block 4 as per the attached approved staging plan.

If you require further information or clarification to support the submission for Operational Acceptance, please contact [redacted] from Cardno Pty Ltd on [redacted] or email [redacted] or you can contact me by email joanne.stroud@act.gov.au or phone on 6207 1676.

Yours sincerely

[redacted]

Joanne Stroud
Project Manager
17 July 2018

From: Rae, Heather
Sent: Friday, 1 April 2016 1:25 PM
To: Arul, Adrian; Joseph, Gabriel; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes - REVISED
Attachments: REVISED - Meeting Minutes TAMSGreenwayS28B2A.docx

Good afternoon Adrian,

Please amend as per the attached.
To clarify, the design consultant should demonstrate that the proposed development would not adversely impact on the proposed environment and existing users.
In this manner, the minutes indicate 'TAMS AA requested' which is not correct.

Refer to the attached amendment, please rectify minutes and recirculate.

Kind regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Arul, Adrian
Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

Dear All

Thank you for attending and providing your input to the meeting.

Please find attached the minutes of the meeting.

<< File: Meeting Minutes TAMSGreenwayS28B2A.doc >>
The meeting was arranged to update the previous Site Investigation Report (2012) for the purpose of determining minor works to service the site.

Please keep in mind the urgency of the project, Thanks.
Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au

www.lda.act.gov.au

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Sent: Thursday, 10 March 2016 4:56 PM
To: Rae, Heather; Arul, Adrian; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Joseph, Gabriel
Subject: FW: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

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From: Rae, Heather
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[redacted]

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Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

From: [redacted]
Sent: Thursday, 10 March 2016 5:34 PM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted] Arul, Adrian
Subject: RE: B2 S28 Greenway SIR
Attachments: 3002492.01 Greenway Overland Flow Study v2.pdf

Hi Heather, apologies about the delay in sending this to you. I accepted the email and did not read your request until now.

I fill forward the following information to you and will need to send a few emails due to file size.

1. Overland flow study (attached)
2. SIR for whole block from 4 years ago – I understand that this was not previously circulated

It is expected that the whole block will now be split into 3 segments (divided by the 2 drainage paths) and will have a max of 347 units. A traffic report was undertaken for a smaller development (150 units) however by tomorrow's meeting we should have some raw data that we can discuss as I understand that the existing facilities will have a unacceptable level of service at approx 200 units.

Items we would like to discuss tomorrow are:

- Preference for treatment of overland flow paths
- Upgrade of existing Mortimer Lewis Dr/ Drakeford Dr northern signals or possible new signalised intersection at the existing left in left out southern connection
- Verge widths
- Requirement for new paths and rerouting of the existing MCR
- Requirements for kerbs
- Impact on Trees
- Possible requirement for sewer rising main
- Fill required within the block to stay above the 1:100 year flood line plus freeboard

Regards

[redacted]
RD Gossip Pty Ltd
2 Lawry Place
Macquarie ACT 2614 Australia
Phone: (02) 6251 6313
E-mail: [redacted]

-----Original Appointment-----
From: Rae, Heather [mailto:Heather.Rae@act.gov.au]
Sent: Tuesday, 8 March 2016 11:41 AM
To: Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
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[redacted]

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Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

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Please find attached the minutes of the meeting.

Meeting Minutes
TAMSGreenway...

The meeting was arranged to update the previous Site Investigation Report (2012) for the purpose of determining minor works to service the site.

Please keep in mind the urgency of the project, Thanks.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
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Kind regards
Heather

[redacted]

From: [redacted]
Sent: Monday, 11 April 2016 3:41 PM
To: Arul, Adrian; [redacted]
Cc: Bell, Jeff; Rae, Heather; Chowdhury, Abu Sayem
Subject: Greenway Block 2 Section 28 - Overland flow management
Attachments: 3002492 Meeting with TaMS AA Minutes LH.pdf; 3002492 Sketches showing Proposed OF Management at the Two Paths.pdf; 3002492 Sketches Tabled at the Meeting 060416.pdf

Hi All

Attached please find meeting minutes and sketches of the options proposed and discussed.

If you have any queries please fee free to contact me.

Regards,

[redacted]
SMEC – Australia & New Zealand Division
Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia
T +61 2 6234 1952 | F +61 2 6234 1966
[redacted]ww.smec.com | LinkedIn

SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION

Local People. Global Experience.

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[redacted]

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Sent: Friday, 1 April 2016 1:25 PM
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Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

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Regards

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Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
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Where: TAMS MacHse Level 8 Conference Room

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Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

[redacted]

From: Arul, Adrian
Sent: Friday, 8 April 2016 11:52 AM
To: Rae, Heather
Cc: [redacted]ell, Jeff; Joseph, Gabriel; Cantamessa, Cindy; Mundy, Graham; Chowdhury, Abu Sayem
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Heather

Noted the contents with thanks.

Agreed that [redacted] will prepare the meeting minutes held on Wednesday 06 April 2016.

Please note that I wish to keep the "TAMS requested ' heading requirement as was the case at the time of meeting discussion. In fact those were requested by AA of TAMS. Our consultant will justify these requested items in consultation with us.

Further, we also like to keep those items discussed for the future reference (Design stage) and our preference is not to separate them.

I also wish to confirm that there won't be any changes from the original the meeting(11 March 2016) minute sent.

Regards
Adrian

From: Rae, Heather
Sent: Friday, 8 April 2016 11:28 AM
To: Arul, Adrian
Cc: [redacted]Bell, Jeff; Joseph, Gabriel; Cantamessa, Cindy; Mundy, Graham; Chowdhury, Abu Sayem
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Adrian,

hank you for the email.
I will await the minutes and information in relation to the stormwater overland flow path.

In response to your question to the first meeting minutes, I wish to remove the 'TAMS requested' at headings, as the requested information should be provided as part of the due diligence for the consultant.
I'm happy to separate the SIR requirements from the detailed design aspects, of which most of them were.
Refer to attached file.

Thank you for the appreciation and look forward to the project moving forward.

Kind regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
Asset Acceptance | Asset Information and Management Services Branch |
Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

From: Arul, Adrian
Sent: Friday, 8 April 2016 11:10 AM
To: Rae, Heather
Cc: Bell, Jeff; [redacted] Cantamessa, Cindy; Mundy, Graham
Subject: RE: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi Heather

I understand that Geoff arranged the meeting at SMEC's request. The purpose of the meeting was to discuss & agree on the both proposed floodway paths following on TAMS' request from the previous meeting held on 11 March 2016.

This email is to confirm that we concluded in the meeting that a minute will be prepared with agreed items and a schematic (Sketch) diagram prepared by SMEC. The decision made at the meeting will assist us in moving forward without any delay. This is important and critical for the Public Housing Renewal Taskforce (PHRT) timing as well. Also that TAMS may be aware that the balance of the block 2 is already in the LRP.

On the other hand I am happy for you to prepare the meeting for consistency. Please let us know.

Also please let me know if you have any inconsistency with the previous minutes. If not we will take that as accepted.

I take this opportunity to thank you all for the time to provide a valuable input and continue to look forward to your support.

Happy to discuss,

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
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From: Rae, Heather
Sent: Friday, 8 April 2016 10:29 AM
To: Arul, Adrian; [redacted]
Subject: B2 S28 Greenway SIR/ TAMS stormwater meeting

Hi All,

I was wanting to follow up with some minutes, but then thought that your team may already have some draft minutes underway.

Happy to review these for consistency of understanding.

Also, I have misplaced the plans etc tabled, so would appreciate a copy for our records.

[redacted]

From: Arul, Adrian
Sent: Thursday, 17 March 2016 11:53 AM
To: Joseph, Gabriel; Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; [redacted]
Subject: RE: B2 S28 Greenway SIR/ TAMS meeting Minutes

Dear All

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Please find attached the minutes of the meeting.

Meeting Minutes TAMSGreenway...

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Please keep in mind the urgency of the project, Thanks.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
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When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
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Kind regards
Heather

Thanks in advance.
Regards
Heather Rae | Senior Project Engineer
Phone 02 6207 1825| Fax 02 6207 6034
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Infrastructure, Roads and Public Transport Division |
Macarthur House, 12 Wattle Street, Lyneham ACT 2602
GPO Box 158, CANBERRA ACT 2601 | www.act.gov.au

[redacted]

From: [redacted]
Sent: Thursday, 10 March 2016 5:38 PM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; Arul, Adrian; 'Robert Dunn'
Subject: RE: B2 S28 Greenway SIR
Attachments: B2 S28 Greenway SIR Final 28_09_12.pdf

SIR attached.

FYI - The vegetation report is not included due to file size and it is currently being updated. I will bring a copy of the old report to the meeting tomorrow however our drg sheet 3 shows the management status of the trees which will provide a reasonable indication of status.

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]
Phone:
E-mail:

-----Original Appointment-----
From: Rae, Heather [mailto:Heather.Rae@act.gov.au]
Sent: Tuesday, 8 March 2016 11:41 AM
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Kind regards
Heather

[redacted]

From: Overton, Mark
Sent: Thursday, 11 January 2018 3:41 PM
To: Bell, Jeff; Jatheendran, Lingam
Cc: Stroud, Joanne
Subject: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]
Attachments: PLAN-201731192-GENERAL ARRANGEMENT-02.pdf; PLAN-201731192-GENERAL ARRANGEMENT-03.pdf; PLAN-201731192-GENERAL ARRANGEMENT-01.pdf

Good afternoon Jeff & Lingam

SLA commenced civil works on-site at Section 28 Greenway (Mortimer Lewis Drive) to develop a new estate with three serviced multi unit blocks (refer attached) in December 2017. To achieve our settlement target we need OA from TCCS and other parties by 11th April 2018. There will not be a lot of assets for TCCS to accept however we request your assistance in achieving this 11th April 2018 deadline. Verge footpaths and driveways will be delivered by the individual developers so as far as TCCS is concerned there is stormwater, minor kerb works and pavement infill, stone pitching and concrete paths within open space (overland flow paths).

Can we have a chat about how we go about achieving this deadline as smoothly as possible? ICON Water and ZNX are attending regular site meetings so that they are across our progress and standard of works. Maybe we could extend similar invites to your relevant staff member(s).

I will call to chat.

Mark

Mark Overton
Urban Projects **T:** 02 6207 6899
Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601
www.suburbanland.act.gov.au **facebook.com/suburbanland** **twitter.com/suburbanland**



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[redacted]

From: Abeysekera, Ruwan
Sent: Wednesday, 8 August 2018 11:27 AM
To: [redacted]
Cc: Stroud, Joanne
Subject: Greenway section 28 Block 3,4 and 5 (Stage 2B) [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your operational acceptance submission for the above development.

I have reviewed your submission and provide the following comments.

1. Please check the U/S and D/S levels in pit numbers 2, 3 (pipeline 1) and 2, 4 (Pipeline 3) and send me the corrected plan.

2. Please provide the WAE TCD plan showing that the Keep clear line marking at the Mortimer Levis drive and De Little Circuit intersection.

3. There are no SMEC inspection and CCTV records for the Surcharge structure 1/11. Please provide.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination

Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au <mailto:Kelly.Amsteins@act.gov.au>

Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government

Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au <http://www.act.gov.au/>

Connected services for the people of Canberra

[redacted]

From: Arul, Adrian
Sent: Tuesday, 6 December 2016 5:35 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Attachments: RE: B2 S28 Greenway - SIR, Stormwater, Floodways & Traffic [SEC=UNCLASSIFIED, DLM=For Official Use Only]; 20161123 Minutes of TCCS Meeting.pdf; 50517027-C-1003.pdf; Greenway S 28 General.pdf

Hi Jeff

Attachments:

1. Minutes of the final meeting held on 24 May 2016
2. Cardno's Drg showing the sewer pump station location (as part of DA)
3. RD Gossip's Drg showing the sewer pump station location (as part of SIR)

Thank you for your email and your response towards your cooperation, during the approval process, to ensure that there are no unnecessary delays. We the LDA appreciate that.

In reference to your email below, in particular to your outlined dot points, I would appreciate if you could refer to the attached minute (dated 24 May 2016) and my responses below **in red text**.

We have tried our best and had follow up consultations with the authorities (TCCS & Icon Water) and minuted the outcome. We believe that the SIR for minor works was finalised based on the consultations. We did cooperate with TCCS by providing requested studies, analysis and reports during the follow up consultations to finalise the SIR for the minor works.

The Minute dated 24 May 2016 circulated clearly states the following:

Purpose of the Meeting:
As requested by RD Gossip the purpose of the meeting is to provide advice on what Asset Acceptance expectations are to inform the Site Investigation Report (SIR) so that the LDA can organise for the design stage to progress:

1. Finalise details of the traffic impact by the development
2. Finalise viable stormwater options with TAMS
3. Other Items - Minor works to service whole of Block 2
4. Timing of minor works

In our opinion we have involved the authorities from the beginning for this design development

We are now at the DA and design submission stage and we believe that the DA & design for the minor works have accommodated items as per our previous meetings/ consultations held.

Thank you for meeting with Cardno consultant and we will advise the consultant to make DA & Design submissions. Also we believe that meeting at this stage is not necessary since we have had few previous consultations with TCCS and met your requirements.
The consultant will then amend the DA accordingly when comments are received.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au
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From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.- **Note that there are two systems (Block 3 is under gravity , Blocks 4 & 5 is by rising main). Cardno's drawing and RD Gossip's drawing show the same spot for the pump station.**
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks. - **Refer Minute Item 2, agreed as reserves not easements**
- Path connections to the bus stops on Drakeford Drive. - **Refer Minute Item 4 j)**
- Street lighting – the lighting level has not been adequately addressed in the SIR. – **Refer Minute Item 4 k), existing Mortimer Lewis Drive is minor collector road projected traffic volume is still the same therefore the streetlighting is not required.**
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis—**Refer Minute Item 1 c) & d)**
- Intersection improvement works at the southern intersection with Drakeford Drive – **Refer Minute Item 1 b)**
- Connections to the on-road cycle lane on Drakeford Drive.- **Kerb ramp can be provided to make connection**
- Provision of replacement car parking in the vicinity of the dog park. – **Refer attached Minute Item 4 a)**

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation. **As stated previously it will be the TCCS's responsibility not LDA/ED.**

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved. **As advised in the previous meetings (*11 March 2016, 06 April 2016 & 24 May 2016)* LDA/ED are working on the approved budget and tight time frame for this development and LDA have taken the responsibility in providing minor works to service the blocks.**

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:06 AM
To: Bell, Jeff
Cc: John Samoty; Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
CARDNO

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Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] www.cardno.com

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[redacted]

From: Jatheendran, Lingam
Sent: Friday, 26 February 2016 8:27 AM
To: Jatheendran, Lingam
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

From: Jatheendran, Lingam
Sent: Tuesday, 17 November 2015 10:48 AM
To: Roulston, David; Joseph, Gabriel
Cc: Bell, Jeff
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

David

The questions are not very clear. Currently Mortimer Lewis Drive has two access points from Drakeford Drive. The southern access with a left in and left out traffic arrangement and the northern access is a four way signalised intersection allowing all movements.

It appears that the request by TCC is for the southern access (Left in and Left out) to be converted to a full intersection. This should be subject to further traffic studies as such move will reduce the midblock capacity of Drakeford Drive. Having said this, the existing network arrangement is more than adequate to carry the traffic generated by the existing developments and any future developments , if there are any. This will be tested and confirmed at the time of the development application for any future developments in the area.

We also acknowledge that the layout of Mortimer Lewis Drive is not conducive for smooth driving as it traverse through irregular shaped land mass surrounding the lake, and may encourage young drivers to speed to feel the effects of sharp and reverse curves. If this behaviour persist, local area traffic management could be implemented to improve safety in consultation with the residence in the area. This exercise should be initiated by Roads ACT as they are responsible for the day to day traffic operation of the network.

To date we have not received any DA for residential developments in East Greenway.

ngam

From: Roulston, David
Sent: Friday, 13 November 2015 8:01 AM
To: Jatheendran, Lingam
Cc: Bell, Jeff; Joseph, Gabriel
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Lingam can you have a look at this please and provide some comments form AA?

Regards,

David

DAVID ROULSTON AIPM CPPD
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO

INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au

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"One Government One ACT Public Service"

From: McHugh, Ben
Sent: Thursday, 12 November 2015 5:32 PM
To: Gill, Tony; Roulston, David
Cc: Cloos, Karl
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Hi Tony, David,

Tony, are you able to nominate a Roads ACT contact to respond to question 1.

Question 2 might be for your team David?

Thanks

Ben

From [redacted]
Sent: Wednesday, 11 November 2015 5:49 PM
To: McHugh, Ben
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Good Afternoon Ben,

Thank you for attending and your presentation to the Tuggeranong Community Council 3rd November Meeting. Unfortunately it seems each year that the November meetings falling on Melbourne Cup Day continues to affect our attendance numbers.

In reference to my inquiries at the Meeting re the rezoning of the East Greenway lakeside suburb and in particular the traffic and southern exit from Mortimer Lewis Drive.

As requested I will list the concerns of the Greenway residents. The residents share this area with numerous visitors to the lake and the regional dog exercise area. The residents note that the weekends and all school holidays create extra traffic to the area and it has been noted that they are not familiar with this lakeside road and its blind bend sections, leading to some dangerous driving at times. One young driver did a complete 360deg turn-a-round at one bend due to taking it too fast (witnessed by a resident from his front garden). This could have caused a fatality. The traffic crossing from Taverner Street, Oxley direct into Mortimer Lewis Drive on a green light also seem to continue into our lakeside road at 80km, particularly younger drivers. The residents in the townhouses on the corner of Drakeford Drive/Mortimer Lewis report numerous problems and noise levels.

Question 1. What decisions have been made re opening the southern exit of Mortimer Lewis Drive to Drakeford Drive for residents and all the visitors to the lake and dog exercise area who wish to exit south?

Question 2. The future four storey apartment block and townhouses that will be built at the southern end of Mortimer Lewis Drive (opposite the dog exercise area) and will certainly add a large number of extra vehicles on the narrow blind bends in our lakeside road creating further problems for residents in East Greenway. This new project will need a second exit from Mortimer Lewis Drive as to date there is only one exit south from this lakeside road to enter Drakeford Drive Highway.

I was advised by Tony Gill post meeting, as we left the venue, to also discuss this problem with Minister Mick Gentleman. I have now had discussions with Minister Gentleman. I have been advised that he would certainly look into the situation. I advised the Minister that the exit could be opened with special road signs (ENTER WITH CARE) at two sections on the highway so eliminating the need for a round-a-bout and the section does not need traffic lights to add to the number already on Drakeford Drive.

At the meeting I also raised the problem of a very dangerous section on Athllon Drive prior to turning into Sulwood Drive. This section will be hazardous for drivers who may pull over to take mobile phone calls etc. The section requires changes or white reflector poles similar to the number added to the Tuggeranong Parkway. The TCC Treasurer, [redacted] has taken photos of the area for me and has advised Tony also of his concerns re this setion. This information may be of assistance to Mr Ross Schofield who assisted in the correction of Drakeford Drive open sumps.

For further information re the problems mentioned please do not hesitate to contact me. As I am also Convenor of the East Greenway Action Group for the past five years to improve the infrastructure in our lakeside suburb, I will continue to keep the residents updated on their concerns.

Kind Regards,

[redacted]

Public Officer
Second Vice President
Tuggeranong Community Council
PO Box 455
Erindale Centre ACT 2903
[redacted]

[redacted]

From: Abeysekera, Ruwan
Sent: Monday, 13 August 2018 10:56 AM
To: TCCS_CW DRCGENERIC
Subject: Operational Acceptance Greenway Section 28 Block 3,4 &5 (Stage 2B1) [SEC=UNCLASSIFIED]
Attachments: Greenway section 28 Block 3,4 and 5 (Stage 2B) [SEC=UNCLASSIFIED]

Categories: printed

Hi,

Please close this file. The consultant needs to provide some additional information before the certificate.

Kind regards,

Ruwan

From: Abeysekera, Ruwan
Sent: Monday, 13 August 2018 10:53 AM
To: Pooley, John <John.Pooley@act.gov.au>
Cc: [redacted]
Subject: RE: DEFECTS LIST - OA inspection 20180810.pdf [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your email and attached.

Once I received the updated WAE, ADF and the SMEC report (see attached), I can issue the condition Operational Acceptance Certificate for the stage 2B1.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Pooley, John
Sent: Monday, 13 August 2018 8:53 AM
To: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Cc: [redacted]
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf

Ruwan

Lovely to see you on Friday. Please see attached defects list with timing in the comments.

Regards

John Pooley
Development Director - Urban Projects
T: 02 6205 7073 | **M:** [redacted]
Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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From: [redacted]
Sent: Monday, 13 August 2018 8:44 AM
To: Pooley, John <John.Pooley@act.gov.au>
Cc: [redacted]
Subject: FW: DEFECTS LIST - OA inspection 20180810.pdf

Hi John,

Please find attached the DEFECTS LIST for issue to TCCS.

The other two actions items from Fridays inspection, which we are working on are:

1. Updating the WAEs by end of this week.
2. Updating Asset Description Form by end of this week.

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

Regards
[redacted]

[redacted]
PROJECT MANAGER
CARDNO

Cardno

Phone Fax +61 2 6112 4574 Direct +61 2 6112 4574 Mobil [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia

Email [redacted] Web www.cardno.com

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[redacted]

From: Abeysekera, Ruwan
Sent: Wednesday, 8 August 2018 11:27 AM
To: [redacted]
Cc: Stroud, Joanne
Subject: Greenway section 28 Block 3,4 and 5 (Stage 2B) [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your operational acceptance submission for the above development.

I have reviewed your submission and provide the following comments.

1. Please check the U/S and D/S levels in pit numbers 2, 3 (pipeline 1) and 2, 4 (Pipeline 3) and send me the corrected plan.

2. Please provide the WAE TCD plan showing that the Keep clear line marking at the Mortimer Levis drive and De Little Circuit intersection.

3. There are no SMEC inspection and CCTV records for the Surcharge structure 1/11. Please provide.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination

Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au <mailto:Kelly.Amsteins@act.gov.au>

Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government

Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au <http://www.act.gov.au/>

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[redacted]

From: Abeysekera, Ruwan
Sent: Wednesday, 8 August 2018 11:27 AM
To: [redacted]
Cc: Stroud, Joanne
Subject: Greenway section 28 Block 3,4 and 5 (Stage 2B) [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you for your operational acceptance submission for the above development.

I have reviewed your submission and provide the following comments.

1. Please check the U/S and D/S levels in pit numbers 2, 3 (pipeline 1) and 2, 4 (Pipeline 3) and send me the corrected plan.

2. Please provide the WAE TCD plan showing that the Keep clear line marking at the Mortimer Levis drive and De Little Circuit intersection.

3. There are no SMEC inspection and CCTV records for the Surcharge structure 1/11. Please provide.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination

Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au <mailto:Kelly.Amsteins@act.gov.au>

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[redacted]

From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Adrian/Simon,
The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 | www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM

To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area I took on the role in 2011 as convenor of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Pedersen, Andrew
Sent: Monday, 6 February 2017 11:15 AM
To: Bell, Jeff
Cc: Hawkins, Robyn; Marshall, Ken
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Jeff,

See below, can you please advise where this development is up to in the process.

Thanks

Andrew Pedersen | Acting Director Assets, Schools and Active Travel
Phone 02 6207 5389 Mobile [redacted] Email: Andrew.Pedersen@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
96 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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Transport Canberra and City Services

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From: Marshall, Ken
Sent: Monday, 6 February 2017 10:30 AM
To: Hawkins, Robyn; Pedersen, Andrew
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Andrew,

Is the requested update on a development site is best provided by DRC?

Robyn,

Is there anything to report on the other items relating to traffic that are also listed? Are any of them outstanding or ongoing?

ken

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

---

From: Gallo, Renee
Sent: Monday, 6 February 2017 9:46 AM
To: Marshall, Ken
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Ken,

The below email has been forwarded to us from Economic Development. The member of the Tuggeranong Community Council has a number of questions about roads and paths in Tuggeranong. Given the number of questions they have, it might be best for you to have a chat with them. Please let me know how you would like to proceed.

Kind regards,

Renee

From: Lansdown, Simon
Sent: Friday, 3 February 2017 6:02 PM
To: Gallo, Renee
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Renee

Are you able to help with some of the below questions from [redacted] (Convenor North East Greenway Action Group)?

I'm following up with a status update on the proposed building development on Mortimer Lewis Drive, Greenway (Section 28 Greenway) but you may be able to add some info relating to the questions about traffic and roads.

Cheers
Simon

Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] |simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: [redacted]
Sent: Thursday, 2 February 2017 2:46 PM
To: Lansdown, Simon
Subject: RE: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

This information may assist your department Simon, to consult and prepare in advance the necessary changes to this area prior to the commencement of the large building project. Procedures need to be well in place for new residents to prevent accidents or fatalities in this area over the years.

With Kind Regards,

[redacted]

Tuggeranong Community Council
Public Officer, Second Vice President
Committee Community, Health, Education and Transport.

[redacted]nvenor North East Greenway Action Group.

[redacted]

[redacted]

From: [redacted]
Sent: Monday, 11 April 2016 3:41 PM
To: Arul, Adrian; [redacted]
Cc: Bell, Jeff; Rae, Heather; Chowdhury, Abu Sayem
Subject: Greenway Block 2 Section 28 - Overland flow management
Attachments: 3002492 Meeting with TaMS AA Minutes LH.pdf; 3002492 Sketches showing Proposed OF Management at the Two Paths.pdf; 3002492 Sketches Tabled at the Meeting 060416.pdf

Hi All

Attached please find meeting minutes and sketches of the options proposed and discussed.

If you have any queries please fee free to contact me.

Regards,

[redacted]
SMEC – Australia & New Zealand Division
Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia
T +61 2 6234 1952 | **F** +61 2 6234 1966
[redacted] www.smec.com | LinkedIn

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[redacted]

From: [redacted]
Sent: Tuesday, 15 November 2016 4:38 PM
To: Bell, Jeff; Chandramohan, Chandra
Subject: Greenway S28 Blks 3, 4 and 5
Attachments: Pages from SIR B2 S28 Greenway - V1 2016_08_03-2.pdf

Jeff/Chandra,

We are undertaking the detailed design of Blocks 3, 4 and 5 of Section 28 Greenway for the LDA. A preliminary stormwater design has been undertaken by SMEC/RD Gossip which we were informed TCCS has been consulted with.

The attached drawings are from the SIR prepared by RD Gossip for the LDA. From the RD Gossip report, the following are proposed:

Northern Overland Flow Path

- the existing 2400 x 900 RCBC (to be retained) has 100 Year ARI capacity but the upstream 750Ø and 1350Ø RCPs have only <10 Yr and 5-20Yr capacities respectively;
- a concrete lined trapezoidal channel with a 3.0m base, 1:4 side slopes and a depth of 600mm (incl 300mm freeboard), is proposed between the Drakeford Drive underpass and the Mortimer Lewis Drive RCBC inlet;
- a stone pitched inlet structure (with PD1 fencing) at the Mortimer Lewis end of the channel and the conversion of a junction to surcharge pit at the RCBC/825Ø junction downstream of the road with mounding to protect the GPT are proposed in order to utilize the across road RCBC capacity; and
- a 15m wide drainage reserve is to be created.

Southern Overland Flow Path

- the existing 900Ø culverts across Drakeford and Mortimer Lewis Drives are connected by an unformed grass swale grading across the site;
- a 675Ø RCP with stone pitched surcharge/inlet pits (with PD1 fences) at each end and with a grassed trapezoidal swale with a 1.0m base, 1:4 side slopes and a depth of 500mm (incl a 300mm freeboard) over the main are proposed between the 900Ø culverts; and
- a 10m wide drainage reserve is to be created.

With the subsequent subdivision of the blocks, the drainage easements will no longer be required as they are already allowed for on Blocks 6 and 7.

For the southern catchment The connection of a 675dia pipe between the existing 900dia pipes are presumably also because it was anticipated that this will be within an easement and to comply with Table 1.19 of DS01 limiting the pipe size within an easement to 675dia. Now that the pipe is no longer in an easement are you happy to keep the 675dia and swale arrangement as proposed in the RD Gossip report?

Thanks for your assistance.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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[redacted]

From: Roulston, David
Sent: Friday, 26 February 2016 7:38 AM
To: Joseph, Gabriel
Cc: Jatheendran, Lingam; Bell, Jeff
Subject: FW: Mortimer Lewis Drive Greenway

Importance: High

Gabriel,

We have not been able to find anything on this development can we have another look and then if mothering contact Peter Johns and see what they have on the proposed development and where it is up to please

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |

david.roulston@act.gov.au

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ACT Government Territory and Municipal Services | PMCOP TIME SCOPE | GOLD APM CORPORATE MEMBER

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 8:47 PM
To: Roulston, David
Subject: Re: Mortimer Lewis Drive Greenway

Peter Johns in the housing trust was the project officer I believe

TG

Sent from my iPad

On 25 Feb 2016, at 6:22 PM, Roulston, David <David.Roulston@act.gov.au> wrote:

> Yep but I can't find any drawings or submissions for it? Who would be the best contact ?
>
> **Regards,**

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au <image001.png>

" Helping you to build our community"

<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 5:11 PM
To: Roulston, David
Subject: RE: Mortimer Lewis Drive Greenway

David

It is a housing trust development I understand – been discussed for some time

TG

From: Roulston, David
Sent: Thursday, 25 February 2016 5:03 PM
To: Gill, Tony
Subject: RE: Mortimer Lewis Drive Greenway

Tony,

Just to let you know we have no EDP and no DA nor are we aware of any development on this block that will effect Mortimer Lewis so if you have any more details that would be good. I know we did look at the intersections but we have no details at all?

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
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PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au <image001.png>

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<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 12:10 PM
To: Roulston, David
Subject: FW: Mortimer Lewis Drive Greenway

David

This relates to a development application in Greenway- can you please advise whether there are any specific requirements to be placed on the DA liked with improved road access?

Tony Gill
25/2/16

From: [redacted]
Sent: Thursday, 25 February 2016 11:19 AM
To: Gill, Tony
Cc: [redacted]
Subject: Mortimer Lewis Drive Greenway

Dear Tony
As I dare say you are aware, the government plans to put 150 units into the southern part of Greenway East, including, in the first instance 24 public housing units (the second lot in Greenway East) and 126 under private development. That means to me at least an extra 200 people and more importantly 200 plus cars, all of which will be trying to get out of Greenway East via the main exit at Mortimer Lewis and Drakeford Drives.
[redacted] and I have mentioned this before to you that we believe there will be an essential need to open up the southern exit of Mortimer Lewis to provide for exit
to the South as well as to the North. Mortimer Lewis is a windy and dangerous road with many non-resident visitors to the dog park, the Sea Scouts and the lake front parks generally.
Please advise of plans to provide a two-way exit from the southern end of Mortimer Lewis, before construction of the 150 units.
Regards
[redacted]
Treasurer, TCC
[redacted]

[redacted]

From: Abeysekera, Ruwan
Sent: Tuesday, 31 July 2018 2:30 PM
To: Stroud, Joanne
Cc: Pooley, John
Subject: FW: Section 28 Greenway - Sub Staging [SEC=UNCLASSIFIED]
Attachments: 50517027-H-2000-[4].pdf

Hi Joanne,

Please find attached approved revised stage plan.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Stroud, Joanne
Sent: Monday, 30 July 2018 4:42 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>
Cc: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: RE: Section 28 Greenway - Sub Staging [SEC=UNCLASSIFIED]

Hi Lingam,

Following on from our meeting on Friday, please find attached the revised staging plan for Section 28 Greenway for your approval.

Please let me know if you would like any amendments made to the staging plan.

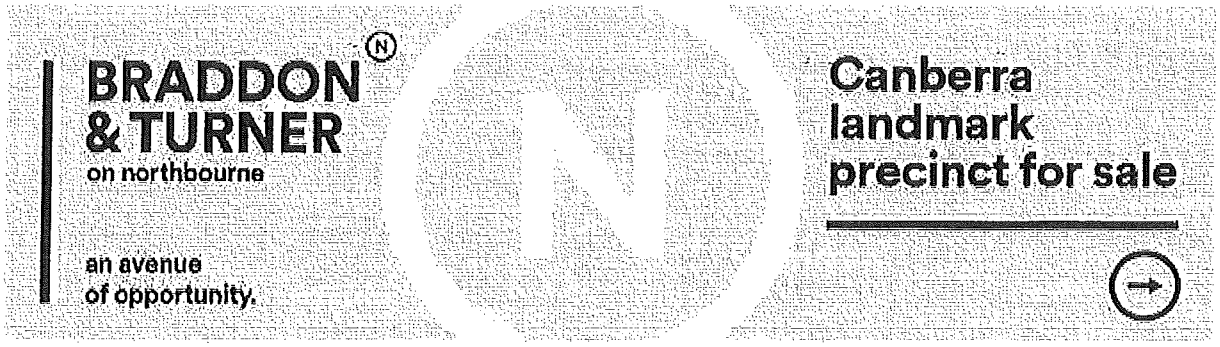
Thank you

Cheers,
Jo

Joanne Stroud
Urban Projects **T:** 02 6207 1676

Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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From: Stroud, Joanne
Sent: Friday, 27 July 2018 3:03 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>
Cc: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: Section 28 Greenway - Sub Staging [SEC=UNCLASSIFIED]

Hi Lingam,

Thank you again for meeting with John and I this afternoon.

We will have the revised staging plan separating out the Sewer Pump Station to create stage 2B2 to you shortly. Please forward the fees acceptance form which I will sign and return to you immediately.

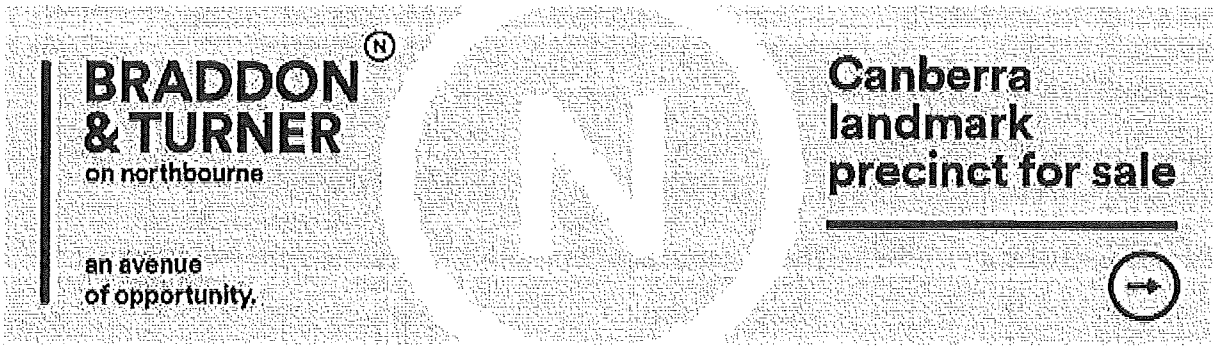
Have a great weekend and thank you again for your time. See you onsite on Monday.

Cheers,
Jo

Joanne Stroud
Urban Projects **T:** 02 6207 1676

Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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[redacted]

From: Abeysekera, Ruwan
Sent: Tuesday, 31 July 2018 2:40 PM
To: Stroud, Joanne
Cc: Pooley, John
Subject: FW: Section 28 Greenway - Sub Staging [SEC=UNCLASSIFIED]
Attachments: Revised staging plan.pdf

Hi Joanne,

Please find attached endorsed plan, and ignore my previous email.

Kind regards,

Ruwan Abeysekera| Project Engineer Development Review & Coordination
Phone 02 62077386 | Email: ruwan.abeysekera@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
Level 1,490 Northbourne Ave, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Abeysekera, Ruwan
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Cc: Pooley, John <John.Pooley@act.gov.au>
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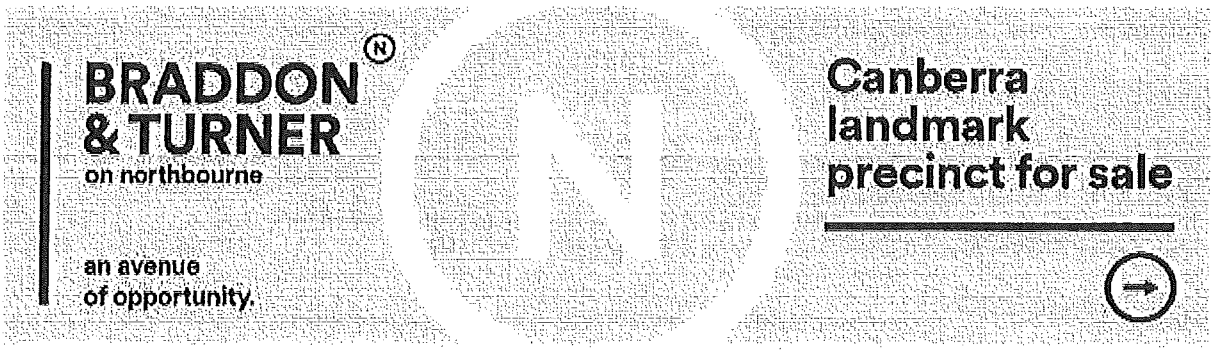
Thank you

Cheers,
Jo

Joanne Stroud
Urban Projects T: 02 6207 1676

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Sent: Friday, 27 July 2018 3:03 PM
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Cc: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: Section 28 Greenway - Sub Staging [SEC=UNCLASSIFIED]

Hi Lingam,

Thank you again for meeting with John and I this afternoon.

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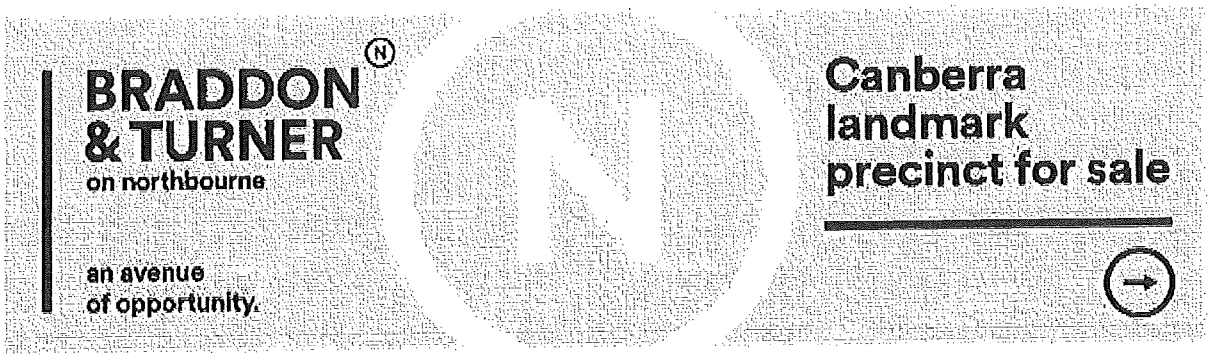
Have a great weekend and thank you again for your time. See you onsite on Monday.

Cheers,
Jo

Joanne Stroud
Urban Projects T: 02 6207 1676

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TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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[redacted]

From: Cloos, Karl
Sent: Wednesday, 1 March 2017 4:25 PM
To: Bell, Jeff
Cc: Day, Michael; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Jeff

Could you please forward this Tuggeranong Community Council submission to LDA Communications to provided a response as discussed this morning to [redacted]

Please inform LDA to CC me into the response so that I can advise the Director Roads ACT.

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
Level 1, 490 Northbourne Avenue, Dickson 2602 | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area [redacted] in 2011 as [redacted] of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

ATTACHMENT A

SUBMISSION:
MORTIMER LEWIS DRIVE, NORTH EAST GREENWAY.
A REQUEST FOR ROAD CHANGE WORK TO BE CARRIED OUT AT THE SOUTHERN END OF MORTIMER LEWIS DRIVE AND DRAKEFORD DRIVE AT GREENWAY.

Proposal

As convenor of the North East Greenway Action Group and the Tuggeranong Community Council I propose that the southern exit of Mortimer Lewis Drive, Greenway East, on to Drakeford Drive be modified, as listed below, to permit traffic to exit Mortimer Lewis Drive to both the south and the north. At present, traffic exits only to the north.

Background

The ACT Government has planned a large housing development comprising an apartment block (four levels) with possible ground floor commercial/retail facilities. This project will now create approximately 150 residential units to be built on the eastern side of Mortimer Lewis Drive, between existing units and the Tuggeranong Dog Park. Of these, the first (26) will be public housing, the remainder to be developed by the private sector. This number of new units would represent a large increase in the relatively small population of Greenway North/East and will greatly increase the traffic flow on Mortimer Lewis Drive which to date has had serious problems due to the two blind bends on this narrow lakeside road. All residents and visitors to the lake and the dog park must return to the (north) section traffic lights for (south) travel to suburbs and to Tuggeranong Town Centre, this is the only exit south from this lakeside suburb. The proposed building development is alongside the exit at the (south end) of Mortimer Lewis Drive. .

Mortimer Lewis Drive has two (2) blind bends along its route. This lakeside road has the Tuggeranong Sea Scouts Group Hall, community recreation areas, lakeside park area to Athllon Drive, two children's playgrounds and Tuggeranong Dog Exercise Park. Currently under construction is a "Bicycle Safety Training Centre" for children from all regions of Canberra.

To date there has been several incidents of drivers i.e. dog park users and visitors, jumping the motorway to the centre highway strip on Drakeford Drive to reduce the driving time to exit to the south of Tuggeranong. I have reported this conduct and the serious problems of Mortimer Lewis Drive to the TCC general meetings and to the Director of Roads staff for a number of years and have negotiated the first footpath and correct road signage on Mortimer Lewis Road , the erection of a log barrier on the centre road section to prevent vehicles "jumping the motorway" to exit south. This practise created wide potholes , creating a further hazard for motorists. A section of the barrier was soon destroyed by dangerous and irresponsible drivers, refusing to return to the traffic lights to exit south. I reported this damage to Tony Gill who organised the section damage to be rectified.

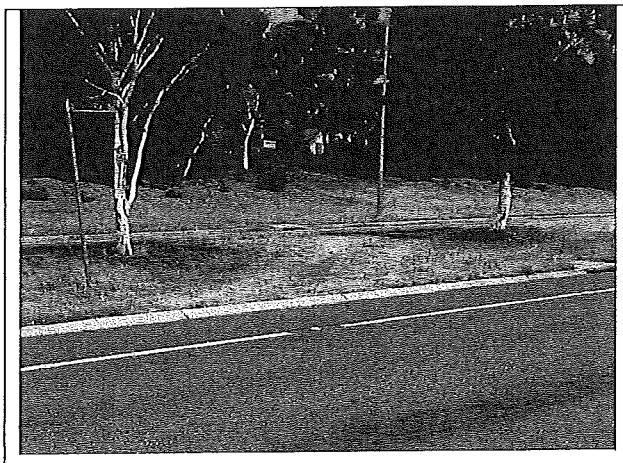
This practise remains prevalent as seen by the attached photographs 1-2 taken 17/2/17). The drivers are accessing other sections of East Greenway to then cross the motorway to the centre before being able to continue to the south route along Drakeford Drive Motorway. Serious accidents will occur if this practise continues and the section is not redesigned to provide a safe exit to the south of Canberra.

Mr Tony Gill advised that the level of traffic in past years did not warrant a change. However, that decision was made some years ago and before the current ACT Government plans for the new large housing project for Mortimer Lewis Drive.

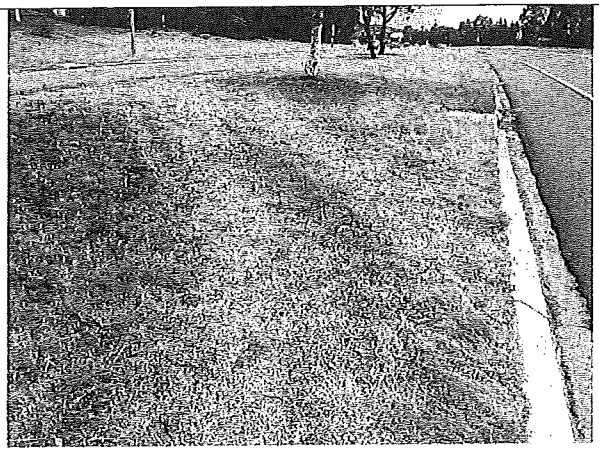
The recommendations put forward to date:
The duplication of the road exit plan that has been operational for some years at the intersection of Drakeford Drive/Barr Smith Avenue and Hurtle Avenue/Noorooma Street, Isabella Plains.

An additional set of traffic lights on Drakeford Drive would be undesirable and unnecessary, given the efficacy of slip lanes at intersections like those just mentioned. Given that there is currently a large triangular area of concrete on the Mortimer Lewis Drive side of the intersection (photo 4) there would be a need to modify this area as well as with slip lanes.

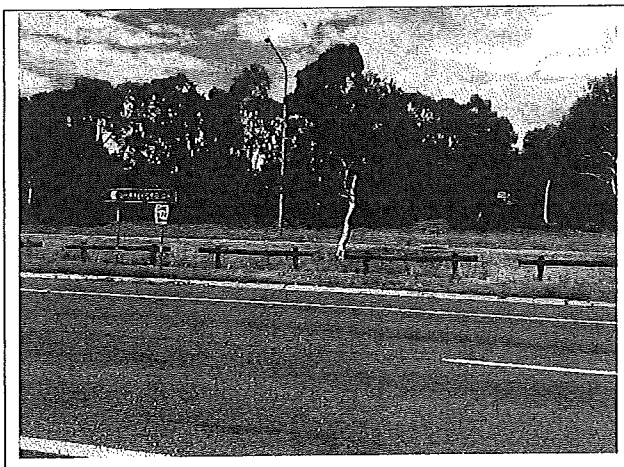
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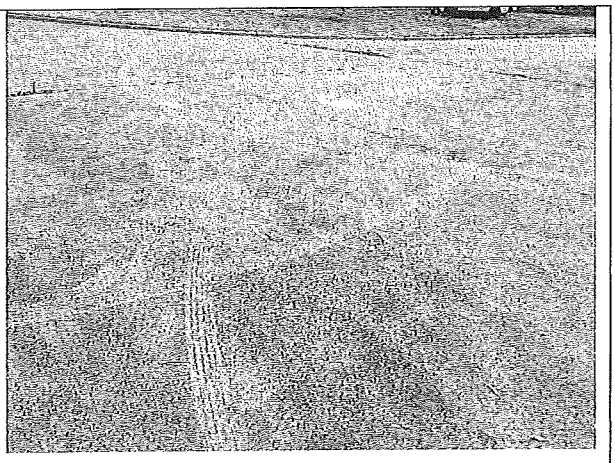
1 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing beaten vehicle tracks at sections where barriers have not been placed.



2 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing detail of beaten vehicle tracks.



3 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing vehicle barriers.



4 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
Vehicle tracks on concrete divider, Mortimer Lewis Drive side.

The TCC proposal is even more appropriate, given that the Government now plans a major housing project to be built from 2017 at the southern end of Mortimer Lewis Drive as stated.

To install traffic lights at this section would cause angst by residents of Tuggeranong who daily have delays created by the department (automated delayed timing of traffic lights to allow north traffic to access the south of Tuggeranong from approximately 4.00pm). There are already in place eight (8) traffic lights between Athllon Drive (south) roundabout and Sulwood Drive along this route of approximately six kilometres of the motorway. The lights are pre-set approximately 90% red or green to Sulwood Drive!

Discussions with the Tuggeranong Ambulance Service re Drakeford Drive traffic lights, numbers and timing has also raised the problem of safety for the Ambulance staff, patients and residents on Tuggeranong Drive to the section of Sulwood Drive. Note also that south of the Athllon Drive roundabout, there are no traffic lights along the route to Tharwa and the number of roundabouts often cause delays to residents.

Conclusion

The Tuggeranong Community Council (TCC) and the North East Greenway Action Group now recommends that the "Southern exit" of Mortimer Lewis Drive to access Drakeford Drive Motorway be now modified for the future years. This will provide residents and visitors a second exit left to the south of Canberra from their area in safety and for emergencies to the area. This second exit project should be in place prior to the new apartment/unit complex that is proposed for Mortimer Lewis Drive, Greenway.

[redacted]
Public Officer, Second Vice President
Tuggeranong Community Council
PH: [redacted]
E: [redacted]

24 February 2017

[redacted]

From: Bell, Jeff
Sent: Tuesday, 28 March 2017 10:39 AM
To: Zeta, Darwin
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: Letter to [redacted]

Darwin,
The LDA prepared the attached letter in response to Tuggeranong Community Council's issues regarding the proposed development at Greenway (Mortimer Lewis Drive)

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Jackson, Bonnie
Sent: Monday, 27 March 2017 10:48 AM
To: Bell, Jeff
Cc: Roberts, Susanne
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Good morning Jeff

The letter attached is (to the best of my knowledge) the final that was sent to [redacted] from Simon.

Many thanks
Bonnie

Bonnie Jackson | Community Engagement
Phone 02 6207 7242 | Email: bonnie.jackson@act.gov.au
Land Development Agency | Chief Minister, Treasury & Economic Development Directorate | ACT Government
Level 6 TransACT House, 470 Northbourne Avenue | GPO Box 158 Canberra ACT 2601 |www.act.gov.au

Please note I do not work on Fridays

From: Roberts, Susanne
Sent: Monday, 27 March 2017 10:36 AM
To: Jackson, Bonnie
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Bonnie

Could you help with this please and get back to Jeff?

Cheers

Susanne

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:26 AM
To: Roberts, Susanne
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Susanne,
Are you able to assist with my query below?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:22 AM
To: Lansdown, Simon
Cc: Zeta, Darwin; Joseph, Gabriel
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
We are trying to finalise our response to the Ministerial and we want to ensure that we don't provide any conflicting information. Are you able to provide a copy of your response [redacted]

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Bell, Jeff
Sent: Friday, 10 March 2017 12:05 PM
To: Lansdown, Simon
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
Would it be possible to get a copy of your response to Beverly Flint. We don't want to provide any conflicting information in our response to teh ministerial.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Hi Jeff

I will respond to an email which came directly to me from [redacted] ee below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,
The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT |Transport Canberra and City Services Directorate |ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 |www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area [redacted] in 2011 as [redacted] of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

ACT Government

[redacted]
Convenor North East Greenway Action Group.
Tuggeranong Community Council

[redacted]

Dear [redacted]

Thank you for your email inquiry about the proposed development on Section 28 and issues relating to the existing road network and lakeside shared path.

As mentioned in my email response at the time, the proposed development on Mortimer Lewis Drive, Greenway (section 28) including the proposed construction of public housing is still under consideration. I will provide more information when details are confirmed.

In regards to you inquiry about the issues relating to the road and shared path I can provide the following advice and background.

In November 2014, the Land Development Agency undertook a traffic assessment on the potential impact of up to 150 residential dwellings on Block 2 Section 28. In October 2015, the impact of up to 28 dwellings on part of Block 2 was also assessed.

The surveys found that both intersections with Drakeford Drive had sufficient capacity and would not be adversely affected by the proposed public housing development or the development of the remainder of Block 2 Section 28.

In January 2016, another traffic assessment was undertaken in response to requests from residents relating to the proposed public housing development on the southern end of section 28. The findings of this assessment were consistent with previous studies in that the proposed development would have minimal impact on the performance of the two Mortimer Lewis Drive intersections with Drakeford Drive.

Parking
In January 2016, traffic consultants engaged by the Taskforce surveyed the traffic flow and vehicle movement along Mortimer Lewis Drive and made the following observations:

- Peak parking demand for the dog park was Saturday morning, with 12 vehicles.
- Peak parking demand for the Scout Hall was Saturday afternoon, with 21 vehicles.

The parking assessment found that demand for parking peaked on a Saturday at the dog park and Sea Scout Hall. The report recommended additional spaces at the dog park.

In addition, parking for the proposed public housing development or the development of the remainder of Block 2 Section 28 will be contained within the boundary of the site and comply with the Parking and Vehicular Access General Code.

ACT Government

Traffic volumes

- Traffic volumes were about three times greater at the northern end of Mortimer Lewis Drive.

The traffic analysis conducted in the 2014, 2015 and 2016 studies were consistent and found that the trigger target for implementation of traffic calming devices was not reached.

Access to footpaths and shared paths

The area is well connected to the pedestrian and cycle paths.

Additional connections to the bus stops on Drakeford Drive will be considered to connect to the southern portion of Block 2 Section 28.

I have provided your email to Transport Canberra and City Service.

Please let me know if you have any more questions.

Cheers

[redacted]

Simon Lansdown
Manager, Community Engagement

[redacted]

From: Bell, Jeff
Sent: Monday, 14 May 2018 12:04 PM
To: Pooley, John
Subject: FW: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Importance: High

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Bell, Jeff
Sent: Tuesday, 28 February 2017 10:57 AM
To: Joseph, Gabriel <Gabriel.Joseph@act.gov.au>
Subject: FW: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

FYI

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks.

- Path connections to the bus stops on Drakeford Drive
- Street lighting – the lighting level has not been adequately addressed in the SIR.
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis
- Intersection improvement works at the southern intersection with Drakeford Drive
- Connections to the on-road cycle lane on Drakeford Drive.
- Provision of replacement car parking in the vicinity of the dog park.

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation.

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved.

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)

- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au
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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: [redacted] Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted]

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[redacted]

From: Bell, Jeff
Sent: Thursday, 8 December 2016 9:08 AM
To: Arul, Adrian
Subject: FW: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Adrian,
We don't seem to have a copy of the traffic report that was requested in our March meeting. Can you please forward a copy to us?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Bell, Jeff
Sent: Wednesday, 7 December 2016 3:32 PM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Adrian,
TCCS does not have a copy of the final SIR. Can you please forward it to us.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Arul, Adrian
Sent: Tuesday, 6 December 2016 5:35 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Attachments:

1. Minutes of the final meeting held on 24 May 2016
2. Cardno's Drg showing the sewer pump station location (as part of DA)
3. RD Gossip's Drg showing the sewer pump station location (as part of SIR)

Thank you for your email and your response towards your cooperation, during the approval process, to ensure that there are no unnecessary delays. We the LDA appreciate that.

In reference to your email below, in particular to your outlined dot points, I would appreciate if you could refer to the attached minute (dated 24 May 2016) and my responses below **in red text**.

We have tried our best and had follow up consultations with the authorities (TCCS & Icon Water) and minuted the outcome. We believe that the SIR for minor works was finalised based on the consultations. We did cooperate with TCCS by providing requested studies, analysis and reports during the follow up consultations to finalise the SIR for the minor works.

The Minute dated 24 May 2016 circulated clearly states the following:

Purpose of the Meeting:
As requested by RD Gossip the purpose of the meeting is to provide advice on what Asset Acceptance expectations are to inform the Site Investigation Report (SIR) so that the LDA can organise for the design stage to progress:

1. Finalise details of the traffic impact by the development
2. Finalise viable stormwater options with TAMS
3. Other Items - Minor works to service whole of Block 2
4. Timing of minor works

In our opinion we have involved the authorities from the beginning for this design development

We are now at the DA and design submission stage and we believe that the DA & design for the minor works have accommodated items as per our previous meetings/ consultations held.

Thank you for meeting with Cardno consultant and we will advise the consultant to make DA & Design submissions. Also we believe that meeting at this stage is not necessary since we have had few previous consultations with TCCS and met your requirements.
The consultant will then amend the DA accordingly when comments are received.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.- **Note that there are two systems (Block 3 is under gravity , Blocks 4 & 5 is by rising main). Cardno's drawing and RD Gossip's drawing show the same spot for the pump station.**

- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks. - **Refer Minute Item 2, agreed as reserves not easements**
- Path connections to the bus stops on Drakeford Drive. - **Refer Minute Item 4 j)**
- Street lighting – the lighting level has not been adequately addressed in the SIR. – **Refer Minute Item 4 k), existing Mortimer Lewis Drive is minor collector road projected traffic volume is still the same therefore the streetlighting is not required.**
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis—**Refer Minute Item 1 c) & d)**
- Intersection improvement works at the southern intersection with Drakeford Drive – **Refer Minute Item 1 b)**
- Connections to the on-road cycle lane on Drakeford Drive.- **Kerb ramp can be provided to make connection**
- Provision of replacement car parking in the vicinity of the dog park. – **Refer attached Minute Item 4 a)**

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation. **As stated previously it will be the TCCS's responsibility not LDA/ED.**

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved. **As advised in the previous meetings (*11 March 2016, 06 April 2016 & 24 May 2016)* LDA/ED are working on the approved budget and tight time frame for this development and LDA have taken the responsibility in providing minor works to service the blocks.**

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: John Samoty; Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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[redacted]

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 1:51 PM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: FW: GreenwayEaste green way development-Mortimer Lewis Drive
Attachments: Greenway - southern site.jpg; Southern block.PNG

David

I have gathered the following information on the issue.

The Taskforce project manager will provide me with the name of the TAMS rep that they've been dealing with.

At this stage, there is a proposal to develop approximately 26 units on the south end of Section 28 Greenway (see attached map and site capacity). A Development Application is expected to be submitted in mid-2016 with construction commencing, subject to DA approval, end-2016.

There are wider implications with regard to servicing the entirety of Section 28 but someone from the project team will get back to me about this. Timing on the DA for the site servicing is expected March/April 2016 with work commencing October 2016.

They are giving an update to the Tuggeranong Community Council on Tuesday. Details should be on their website by COB today.

I'll let you know when I hear back from the project manager.

Gabriel

From: Silver, Sharni
Sent: Friday, 26 February 2016 9:51 AM
To: Joseph, Gabriel
Cc: Lansdown, Simon
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Hi Gabriel

Sharni

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 8:42 AM
To: Johns, Peter
Subject: GreenwayEaste green way development-Mortimer Lewis Drive

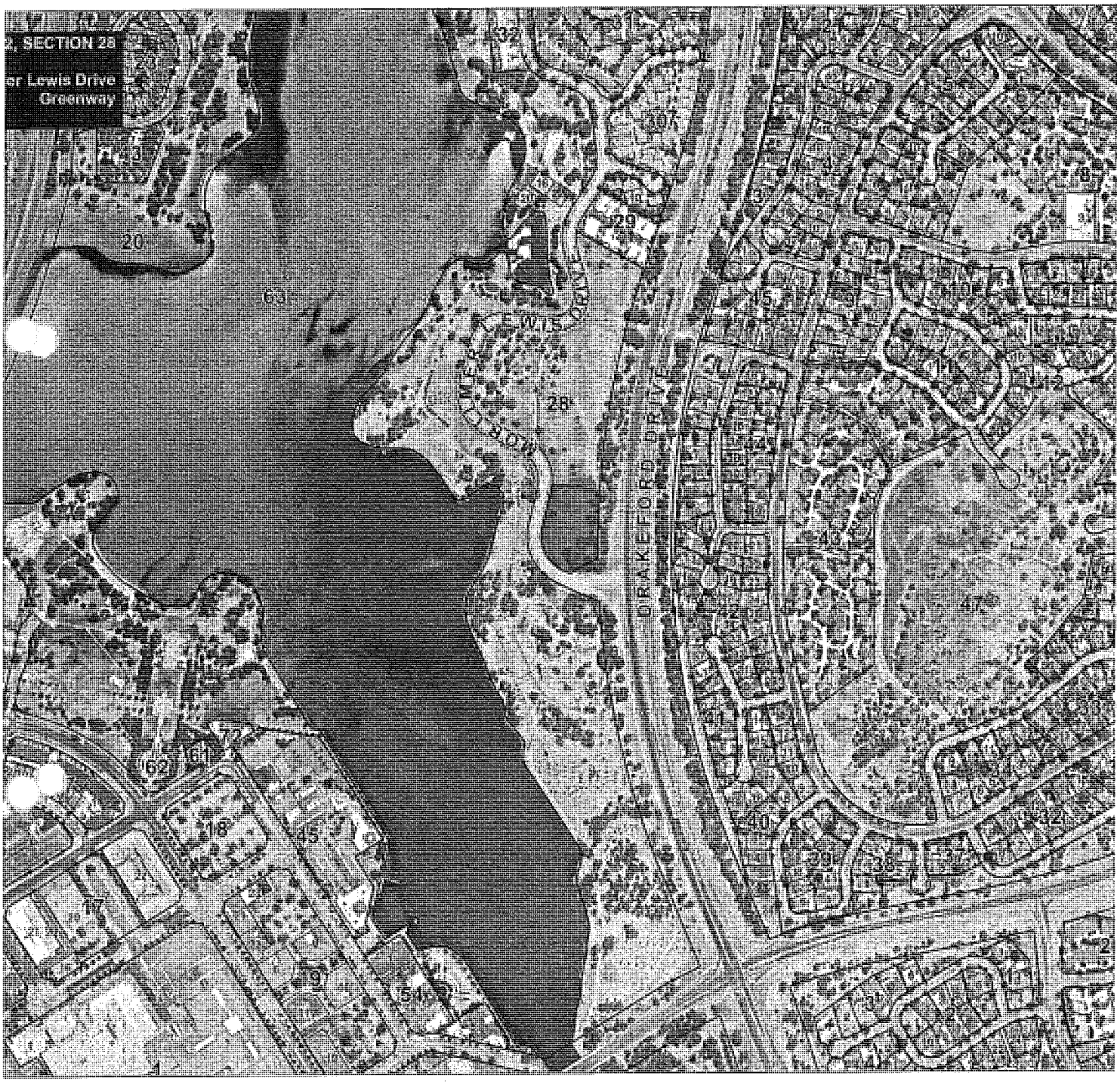
Hi peter

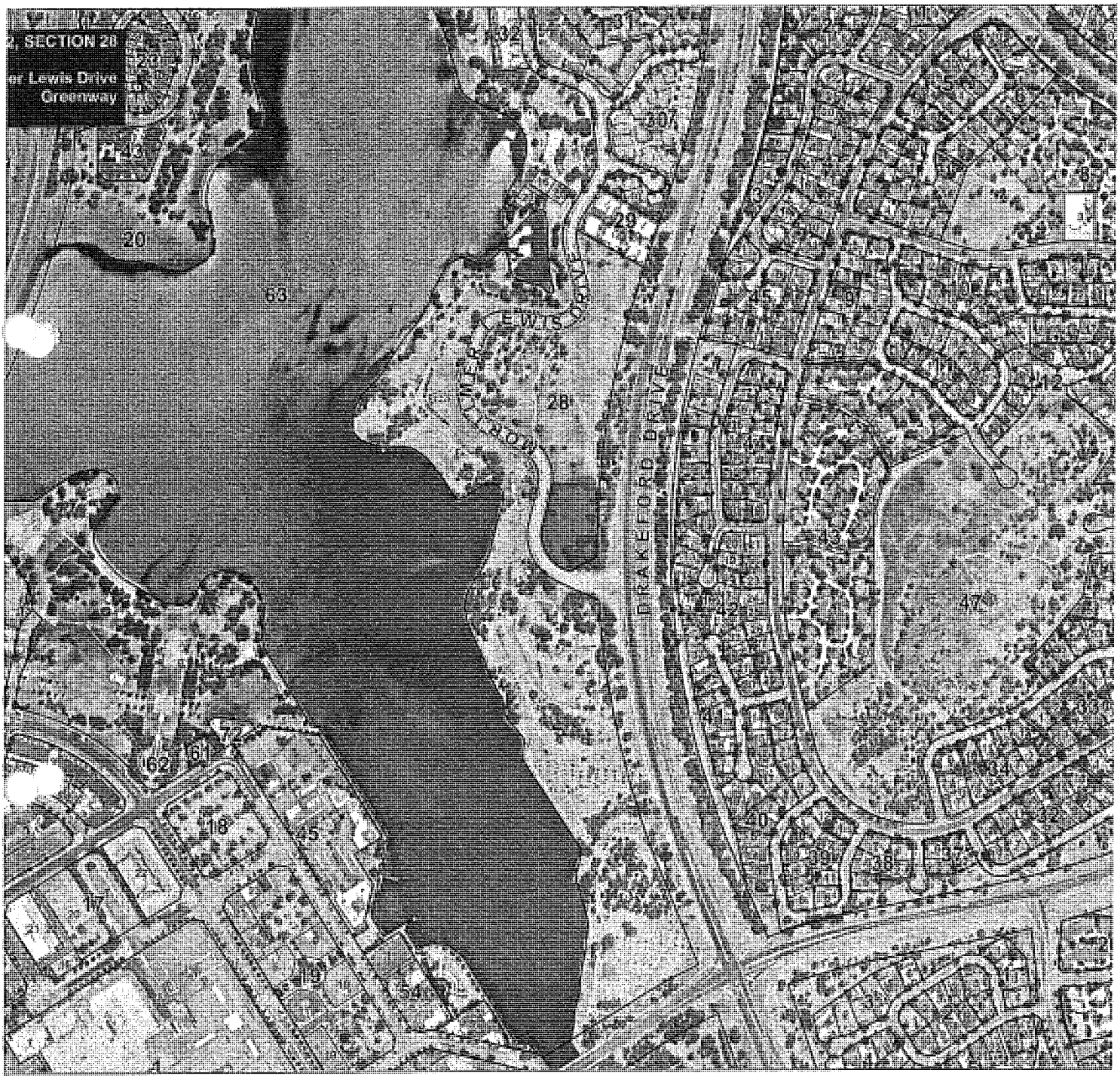
I have left a message to call me back. Could you please shed some light about the proposed development in this area. I am made to understand this is one of the ACT Housing projects. The residents have started asking TAMS a lot of questions about traffic impacts due to this development. We have no records of anyone discussing this project with us and yet we have a feeling that the residents are fully aware of what is being proposed.

Could you please update with some key information including the current status of the project. It will also be good to nominate a contact person from your area so that we can direct these queries to you for the time being, (until we become fully involved)

Regards

GABRIEL JOSEPH
SENIOR MANAGER ASSET ACCEPTANCE
IAMS | IRAPT | TAMS | ACT GOVERNMENT
PH: +61 2 6207 6581 | FAX: +61 2 6207 7484 |
gabriel.joseph@act.gov.au
"GREAT SERVICES- QUALITY ASSETS- BETTER LIFESTYLE"


, SECTION 28
or Lewis Drive
Greenway
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, SECTION 28
er Lewis Drive
Greenway
LEWIS
BROWN
DRAKEFORD AVE

[redacted]

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 1:51 PM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: FW: GreenwayEaste green way development-Mortimer Lewis Drive
Attachments: Greenway - southern site.jpg; Southern block.PNG

David

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The Taskforce project manager will provide me with the name of the TAMS rep that they've been dealing with.

At this stage, there is a proposal to develop approximately 26 units on the south end of Section 28 Greenway (see attached map and site capacity). A Development Application is expected to be submitted in mid-2016 with construction commencing, subject to DA approval, end-2016.

There are wider implications with regard to servicing the entirety of Section 28 but someone from the project team will get back to me about this. Timing on the DA for the site servicing is expected March/April 2016 with work commencing October 2016.

They are giving an update to the Tuggeranong Community Council on Tuesday. Details should be on their website by COB today.

I'll let you know when I hear back from the project manager.

Gabriel

From: Silver, Sharni
Sent: Friday, 26 February 2016 9:51 AM
To: Joseph, Gabriel
Cc: Lansdown, Simon
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Hi Gabriel

Sharni

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 8:42 AM
To: Johns, Peter
Subject: GreenwayEaste green way development-Mortimer Lewis Drive

Hi peter

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[redacted]

Subject: B2 S28 Greenway - SIR & Traffic
Location: Macarthur House - Jeff to organise a meeting room

Start: Tue 24/05/2016 9:30 AM
End: Tue 24/05/2016 11:30 AM
Show Time As: Tentative

Recurrence: (none)

Organizer: [redacted]

When: Tuesday, 24 May 2016 9:30 AM-11:30 AM (UTC+10:00) Canberra, Melbourne, Sydney.

Where: Macarthur House - Jeff to organise a meeting room

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*~*

Agenda:

1/ Traffic signals (do the signals first so Mike Day can leave before the site servicing is discussed)

2/ Mortimer Lewis Dr verge – kerb, SW etc

3/ Draft Final SIR

4/ Flood report findings

1. No structure and/or filling are permitted to be placed over the 1 in 100 year ARI overland flow path.
2. Provide hydraulic analysis of overland flow path through the site for both pre- developed and post- developed scenarios at the detail Design Stage
3. The Stormwater Plan is supported and must be resubmitted at the Design Acceptance stage.

VERGE

4. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

TREES

5. Tree assessment information is incomplete and information is needed regarding trees located on public land. The vegetation assessment and survey plan (DSB Tree Assessment Report 3320 dated 22 March 2016) does not include trees located within the Drakeford Drive to Mortimer Lewis Drive road reserve adjacent to Blocks 3, 4, 5, 6 and 7 Section 28 Greenway or in Block 23 Section 20 (urban open space). Tree locations have also not been captured in the other plans that have been submitted with the development proposal. Please detail the location, species, size and condition of all public trees that may be impacted by works and clearly indicate all proposed tre removals.
6. Install the new water and sewer mains using trenchless methodology (i.e. underboring beneath 650mm) where routed within tree protection zones (canopy plus 2m) excluding sections aligned beneath existing road pavement. Service access pits should be located outside Tree Protection Zones.
7. Urban Treescapes can support the sewer pump station as shown on the Sewer Pump Station Access plan (50157027-C-1026 Rev A) however please indicate which small trees will require removal. Please also confirm the log barriers that will be removed adjacent to sewer pump will be replaced once the sewer pump access bay has been constructed to prevent vehicles gaining access into the urban open space around Lake Tuggeranong (*Place Management may wish to provide further advice*).
8. New tree plantings may be needed to replace the trees that will be removed depending on the number of tree removals that are proposed to facilitate offsite works. In this case a Landscape Plan will be needed to show the location of new trees planted to offset tree removals and also detail the planting methodology.

PEDESTRIAN NETWORK

9. The shared path to be constructed in accordance with TCCS standards.

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the Issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments/Advice (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **Nil**

Kind regards,

Chandra (Wije) Perera | Senior Project Engineer Development Review & Coordination
Phone 02 62059032 | Email: rchandra.perera@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Breitkopf, Katherine **On Behalf Of** EPD, Customer Services
Sent: Wednesday, 26 April 2017 4:04 PM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192
BLOCK: 6 **SECTION:** 28 **DIVISION:** GREENWAY

Description - PROPOSAL FOR PUBLIC WORKS - Construction of site servicing along Mortimer Lewis Drive including stormwater, water, sewer and shared trench. Upgrade of the existing kerb on Mortimer Lewis Drive and bulk earthworks. Removal of existing trees and proposed sewer pump station to service Blocks 4 and 5 and sewer rising main to connect across Drakeford Drive.

Pursuant to Section 148(1) of the *Planning and Development Act 2007* the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(17/05/2017).**

In accordance with Section 150 of the *Planning and Development Act 2007* If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services EPDcustomerservices@act.gov.au

Please 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-TAMS-201401234-10/10 Dickson-01

Kind Regards

Katherine
Phone 6207 1923
EPDCustomerService@act.gov.au
www.act.gov.au/accesscbr
Access Canberra | ACT Government
16 Challis Street, Dickson | GPO Box 158 Canberra ACT 2601



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[redacted]

From: [redacted]
Sent: Thursday, 10 March 2016 5:34 PM
To: Rae, Heather; Chowdhury, Abu Sayem; Bell, Jeff; 'Robert Dunn'; Arul, Adrian
Subject: RE: B2 S28 Greenway SIR
Attachments: 3002492.01 Greenway Overland Flow Study v2.pdf

Hi Heather, apologies about the delay in sending this to you. I accepted the email and did not read your request until now.

I fill forward the following information to you and will need to send a few emails due to file size.

1. Overland flow study (attached)
2. SIR for whole block from 4 years ago – I understand that this was not previously circulated

It is expected that the whole block will now be split into 3 segments (divided by the 2 drainage paths) and will have a max of 347 units. A traffic report was undertaken for a smaller development (150 units) however by tomorrow's meeting we should have some raw data that we can discuss as I understand that the existing facilities will have a unacceptable level of service at approx 200 units.

Items we would like to discuss tomorrow are:

- Preference for treatment of overland flow paths
- Upgrade of existing Mortimer Lewis Dr/ Drakeford Dr northern signals or possible new signalised intersection at the existing left in left out southern connection
- Verge widths
- Requirement for new paths and rerouting of the existing MCR
- Requirements for kerbs
- Impact on Trees
- Possible requirement for sewer rising main
- Fill required within the block to stay above the 1:100 year flood line plus freeboard

Regards

[redacted]
RD Gossip Pty Ltd
[redacted]

-----Original Appointment-----
From: Rae, Heather [mailto:Heather.Rae@act.gov.au]
Sent: Tuesday, 8 March 2016 11:41 AM
To: Chowdhury, Abu Sayem; Bell, Jeff [redacted]
Subject: B2 S28 Greenway SIR
When: Friday, 11 March 2016 11:00 AM-12:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: TAMS MacHse Level 8 Conference Room

[redacted]

Please send through preliminary plans and any background information that would assist understanding.

Could you also send through an agenda, or key items that you wish to discuss.

Noting your existing meeting at Macarthur House, I have nominated this time.

Please advise, if you consider that an hour is not sufficient.

Kind regards
Heather

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[redacted]

From: Chowdhury, Abu Sayem
Sent: Monday, 7 January 2019 9:43 AM
To: Chowdhury, Abu Sayem
Subject: FW: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

From: Perera, Chandra
Sent: Friday, 19 May 2017 8:50 AM
To: Buddhadasa, Ajith <Ajith.Buddhadasa@act.gov.au>
Subject: RE: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Good Morning Ajith
Thanks for your observation. These information requires for our design team. Yes, it can be submitted at the Design Acceptance Stage.

Warm Regards

Chandra Perera
DRC

From: Buddhadasa, Ajith
Sent: Friday, 19 May 2017 8:31 AM
To: Perera, Chandra
Cc: Bell, Jeff
Subject: RE: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Chandra

The below advice from TCCS is bit confusing.
While it states that the proposal is supported with conditions, it also states that TCCS required further information.
Can you please advice when TCCS require further information i.e. during the assessment of the DA (means now) or during the Design Acceptance stage.

Happy to discuss.

Regards

Ajith Buddhadasa | Senior Development Assessment Officer
Phone 02 6205 1550 | Fax +61 2 6207 1856
Development Assessment Branch | Environment, Planning and Sustainable Development Directorate | **ACT Government**
Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT 2601 | www.environment.act.gov.au

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From: Perera, Chandra
Sent: Thursday, 18 May 2017 10:58 AM
To: EPD, Customer Services

Cc: TCCS_SPATAS DA COORD
Subject: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192

PROJECT DESCRIPTION:

PROPOSAL FOR PUBLIC WORKS - CONSTRUCTION OF SITE SERVICING ALONG MORTIMER LEWIS DRIVE INCLUDING STORMWATER, WATER, SEWER AND SHARED TRENCH. UPGRADE OF THE EXISTING KERB ON MORTIMER LEWIS DRIVE AND BULK EARTHWORKS. REMOVAL OF EXISTING TREES AND PROPOSED SEWER PUMP STATION TO SERVICE BLOCKS 4 AND 5 AND SEWER RISING MAIN TO CONNECT ACROSS DRAKEFORD DRIVE.

BLOCK: 6	SECTION: 28	SUBURB: GREENWAY

This DA has been assessed in regards to the following:

Traffic		Driveways/Verge Crossings	
On Street / Public Parking		Sightlines	
Bus Stop/Public Transport (Action)		LMPP/Street Trees	X
Waste Management		Street Lighting	
Stormwater easement	X	Pedestrian Footpath	X
Stormwater Tie		Service / Access Easement	X
Demolition		Estate Development Plan (EDP)	
Further Information		Amendments/Additions/Alterations	X
Lease Variation		Capital Works	

X = Areas Assessed. X

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	X
That Further Information Is Required	X
That It Is Not Supported	

Conditions

VERGE

1. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

STORMWATER

1. No structure and/or filling are permitted to be placed over the 1 in 100 year ARI overland flow path.
2. Provide hydraulic analysis of overland flow path through the site for both pre- developed and post- developed scenarios at the detail Design Stage
3. The Stormwater Plan is supported and must be resubmitted at the Design Acceptance stage.

VERGE

4. **Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.**

TREES

5. **Tree assessment information is incomplete and information is needed regarding trees located on public land. The vegetation assessment and survey plan (DSB Tree Assessment Report 3320 dated 22 March 2016) does not include trees located within the Drakeford Drive to Mortimer Lewis Drive road reserve adjacent to Blocks 3, 4, 5, 6 and 7 Section 28 Greenway or in Block 23 Section 20 (urban open space). Tree locations have also not been captured in the other plans that have been submitted with the development proposal. Please detail the location, species, size and condition of all public trees that may be impacted by works and clearly indicate all proposed tree removals.**
6. **Install the new water and sewer mains using trenchless methodology (i.e. underboring beneath 650mm) where routed within tree protection zones (canopy plus 2m) excluding sections aligned beneath existing road pavement. Service access pits should be located outside Tree Protection Zones.**
7. **Urban Treescapes can support the sewer pump station as shown on the Sewer Pump Station Access plan (50157027-C-1026 Rev A) however please indicate which small trees will require removal. Please also confirm the log barriers that will be removed adjacent to sewer pump will be replaced once the sewer pump access bay has been constructed to prevent vehicles gaining access into the urban open space around Lake Tuggeranong (*Place Management may wish to provide further advice*).**
8. **New tree plantings may be needed to replace the trees that will be removed depending on the number of tree removals that are proposed to facilitate offsite works. In this case a Landscape Plan will be needed to show the location of new trees planted to offset tree removals and also detail the planting methodology.**

PEDESTRIAN NETWORK

9. **The shared path to be constructed in accordance with TCCS standards.**

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments/Advice (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **Nil**

Kind regards,

Chandra (Wije) Perera | Senior Project Engineer Development Review & Coordination
Phone 02 62059032 | Email: rchandra.perera@act.gov.au

Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Breitkopf, Katherine **On Behalf Of** EPD, Customer Services
Sent: Wednesday, 26 April 2017 4:04 PM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192
BLOCK: 6 **SECTION:** 28 **DIVISION:** GREENWAY

Description - PROPOSAL FOR PUBLIC WORKS - Construction of site servicing along Mortimer Lewis Drive including stormwater, water, sewer and shared trench. Upgrade of the existing kerb on Mortimer Lewis Drive and bulk earthworks. Removal of existing trees and proposed sewer pump station to service Blocks 4 and 5 and sewer rising main to connect across Drakeford Drive.

Pursuant to Section 148(1) of the *Planning and Development Act 2007* the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(17/05/2017).**

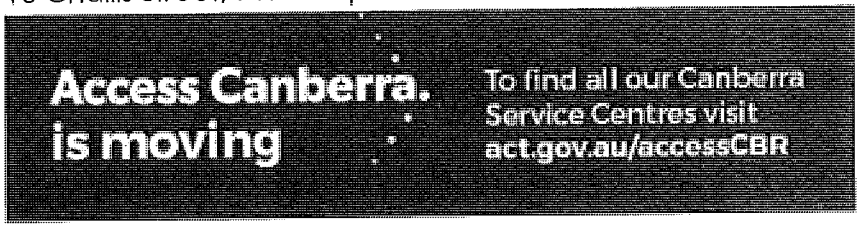
In accordance with Section 150 of the *Planning and Development Act 2007* If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services EPDcustomerservices@act.gov.au

Please 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-TAMS-201401234-10/10 Dickson-01

Kind Regards

Katherine
Phone 6207 1923
EPDCustomerService@act.gov.au
www.act.gov.au/accesscbr
Access Canberra | ACT Government
16 Challis Street, Dickson | GPO Box 158 Canberra ACT 2601



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[redacted]

From: Chowdhury, Abu Sayem
Sent: Monday, 7 January 2019 10:00 AM
To: Chowdhury, Abu Sayem
Subject: FW: COMM: TCCS-201732193-5/28 GREENWAY-01 [SEC=UNCLASSIFIED]

From: Henriquez, Jose
Sent: Monday, 28 August 2017 5:39 PM
To: EPD, Customer Services <EPDCustomerServices@act.gov.au>
Cc: TCCS_SPATAS DA COORD <TCCS.DACOORD@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Subject: COMM: TCCS-201732193-5/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Dear App Sec,

DEVELOPMENT APPLICATION NO: 201732193

Project Description:
PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

BLOCK: 5	**SECTION: 28**	**SUBURB: GREENWAY**

This DA has been assessed in regards to the following:

Traffic	X	Driveways/Verge Crossings	X
On Street / Public Parking		Sightlines	X
Bus Stop/Public Transport (Action)		LMPP/Street Trees	X
Waste Management	X	Street Lighting	X
Licensing	X	Pedestrian Footpath	X
Stormwater	X	Service / Access Easement	X
Demolition		Estate Development Plan (EDP)	
Further Information		Amendments/Additions/Alterations	
Lease Variation	X	Capital Works	

X = Areas Assessed.

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	
That Further Information Is Required	X
That It Is Not Supported	

Reasons

WASTE

1. **The truck turning template (TTT) must be reproduced with a 12.5m truck.**

Additional Comments/Advice (as advice to EPD only, and not to be included in the Notice of Decision)

1. **The applicant must clarify who will be doing the off-site works for this Estate and when it will be completed.**
2. **The development should only be constructed after the Estate has obtained Operational Acceptance from TCCS DRC.**

Kind regards,

Jose Henriquez | A/g Senior Engineer Development Review & Coordination
Phone 02 6207 7480 | Email: jose.henriquez@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

ACT Government
Transport Canberra and City Services

From: Evatt, Ebony **On Behalf Of** EPD, Customer Services
Sent: Monday, 7 August 2017 10:09 AM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-201732193-5/28 GREENWAY-01

DEVELOPMENT APPLICATION NO: 201732193

BLOCK: 5 SECTION: 28 DIVISION: GREENWAY

Description: PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

Pursuant to Section 148(1) of the Planning and Development Act 2007 the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(28/08/2017)**.

In accordance with Section 150 of the Planning and Development Act 2007 If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services – EPDcustomerservices@act.gov.au

Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-20080XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-Heritage-200801234-Block 10 Section 10 Dickson-01

Regards

Customer Services

Phone 02 6207 1923
Access Canberra | ACT Government
Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT 2601
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Land titles and revenue services are moving to Dame Pattie Menzies House, 16 Challis Street, Dickson and will be co-located with the Access Canberra Environment, Planning and Land Shopfront. These services will be available at this new location from 1 December 2016. For more information visit ***www.act.gov.au/accessCBR***



[redacted]

From: Chowdhury, Abu Sayem
Sent: Monday, 7 January 2019 10:05 AM
To: Chowdhury, Abu Sayem
Subject: FW: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]
Attachments: C060 C.PDF; C040 C.pdf; C041 B.pdf; 170606 -Waste Recycling and Management Plan Form.pdf; 170606 -Waste Recyclign and Management Plan Form -Attachment A.PDF

From: Upreti, Sushma
Sent: Tuesday, 14 November 2017 9:58 AM
To: EPD, Customer Services <EPDCustomerServices@act.gov.au>; Varlow, Trent <Trent.Varlow@act.gov.au>
Cc: TCCS_CW DRCDACOORD <TCCS.DACOORD@act.gov.au>; Chowdhury, Abu Sayem <AbuSayem.Chowdhury@act.gov.au>
Subject: RE: COMM-TCCS-201732193-S141A- Block 5 Section 28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Trent,

I had asked the consultant to provide additional information for clarification and have attached within to be included in the project folder. Below is TCCS response.

Dear App Sec,

DEVELOPMENT APPLICATION NO: 201732193-S141A
Project Description:
PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

BLOCK: 5	**SECTION: 28**	**SUBURB: Greenway**

This DA has been assessed in regards to the following:

Traffic		Driveways	X
On Street / Public Parking Facility		LMPP/Street Trees	X
Public Transport		Street Lighting	X
Waste Management	X	Pedestrian Footpath	X
Stormwater	X	Service / Access Easement	
Demolition		Estate Development Plan (EDP)	
Further Information	X	Amendments/Additions/Alterations	
Lease Variation		Capital Works	

X = Areas Assessed.

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	X
That Further Information Is Required	
That It Is Not Supported	

Conditions

1. **The driveways must be constructed in accordance with TCCS Design Standards.**
2. **Any infrastructure assets such as street lighting, mini-pillars, signage etc must be a minimum of 1.5m away from the closest edge of the driveway.**
3. **A clear sight triangle must be provided in accordance with the section 3.2.4 of the Australian Standard for Parking facilities AS 2890.1 Off-street Car Parking.**
4. **The proponent must complete all the off-site works in accordance with the approved EDP Plans (footpath, pram crossings etc).**
5. **The developer will be held responsible for the correctness of the design and construction of waste enclosure to accommodate all the hoppers required for the development in accordance with the Waste and Recycle Management Code for the ACT (Waste Code) 2016 or its latest version. The civil consultant must provide a certification of compliance with supporting documents to Development Review Coordination section of TCCS at the Design Review stage. The supporting documents must include a fully dimensioned floor plan of the enclosure showing the actual arrangements of hoppers / bins within the waste enclosure.**

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction

traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **The proponent has provided an updated plan (Site Works Plan C040 v C) including construction of 2.0m wide footpath and two pram crossings in front of the dog park on south of the block accordance with the EDP. This must be consistent across all plans of this DA proposal.**

Thank you.

Regards,
Sushma Upreti

From: EPD, Customer Services
Sent: Friday, 27 October 2017 4:20 PM
To: TCCS_CW DRCDA <TCCS.DA@act.gov.au>
Subject: REFERRAL-TCCS-201732193-S141A-5/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201732193-S141A

BLOCK: 5 SECTION: 28 DIVISION: GREENWAY

Description: PROPOSAL FOR MULTI UNIT DEVELOPMENT - construction of 25 new two storey dwellings, undercover parking, landscaping and associated works.

Pursuant to Section 148(1) of the Planning and Development Act 2007 the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(17/11/2017)**.

In accordance with Section 150 of the Planning and Development Act 2007 If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services – EPDcustomerservices@act.gov.au

Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-20080XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-Heritage-200801234-Block 10 Section 10 Dickson-01

Regards

Kind Regards,
Courtney Adams
Customer service Officer
Access Canberra | ACT Government
Environment, Planning and Land Building Services
16 Challis Street, Dickson | 8 Darling Street, Mitchell
Phone: 02 6207 1923| Email: EPDCustomerServices@act.gov.au
GPO Box 158, Canberra City ACT 2601 | www.act.gov.au/accessCBR



Land titles and revenue services are moving to Dame Pattie Menzies House, 16 Challis Street, Dickson and will be co-located with the Access Canberra Environment, Planning and Land Shopfront. These services will be available at this new location from 1 December 2016. For more information visit ***www.act.gov.au/accessCBR***

Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

Project Application Details

This section of the Waste and Recycling Management Plan must be completed by all applicants. Please provide an overview of the project and applicant details.

SITE DETAILS	
Unit No.: (if applicable)	Block: 5
Section: 28	Suburb: GREENWAY
District:	Post Code:
Street No. & Name:	

APPLICANT DETAILS	
Applicant/Agent:	TAYLOR THOMSON WHITTING
Telephone (Business Hours):	6215 9202
Mobile:	
Facsimile:	
Email:	[redacted]

PROJECT DETAILS

Project Type:

- ☐ Single dwelling & dual occupancy dwellings
- ☒ Multi-unit residential development (complete Section 2.1)
- ☐ Commercial, public & industrial development (complete Section 2.2)
- ☐ Mixed use development (complete Sections 2.1 and 2,2)

Brief Project Description: Multi unit residential development consisting of 6 Townhouses, 16 units and 3 accessible dwellings, the parking and pathways and supporting infrastructure. The site is to be accessed by Mortimer Lewis drive to the west.

Building and other structures currently on site:

the site is currently undeveloped with trees located to the south and east Boundaries

SIGNATURE

Signature of Applicant		Date: 06/06/2017

THIS SECTION APPLIES TO THE FOLLOWING

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

Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

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 Section 2.3 of The Code. Submission requirements are stated in Section 2.4. Where appropriate, please provide plans showing details to support the application.

STORAGE FACILITIES	
Control C1 – Internal Waste and Recycling Space	
I) Location and dimensions of internal waste and recycling storage space for each dwelling type *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: A
Development Satisfies Control C1 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

Control C2 – External Waste and Recycling Storage Area	
I) Location and dimensions of external individual or communal waste and recycling storage area *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N A
Development Satisfies Control C3 (Section 2.3) of The Code	☐ Yes ☐ No
Satisfies Appendix 3 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

PATH OF TRAVEL	
Control C3 – Clear Path of Travel	
I) Path of travel for moving Bins from storage area to collection point *(Please provide details of travelling distance and clearance)*	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

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 – Clear Path of Travel	
i) Path of travel for moving bins from storage area to collection point *(Please provide details of travelling distance and clearance)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C3 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COLLECTION POINT	
Control C4 – C5 Kerbside Collection Point	
i) Location of designated kerbside collection point, including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C4 and C5 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

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 C3 (Section 4.3) – Separation of residential and non residential waste	
i) Identify how residential and non residential waste and recycling will be kept separate and methods that minimise the potential for commercial tenants to use residential waste and recycling bins	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N A
Development Satisfies Control C3 (Section 4.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

THIS SECTION APPLIES TO THE FOLLOWING
▫ Development Applications for new multi-unit residential developments;
▫ Development Applications for alterations/additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling management; and
▫ Development Applications for new mixed use developments involving multi-unit residential developments.

Controls for these developments are included in Section 2.5 of The Code. Submission requirements are stated in Section 2.6. Where appropriate, please provide details on plans to support your application.

STORAGE FACILITIES	
Control C6 – Internal Waste and Recycling Storage	
i) **Location and dimensions of internal waste and recycling storage space for each dwelling type** *(Please provide calculations to demonstrate adequacy of space)*	
Description: Refer Architectural Drawings.	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Control C6 (Section 2.5) of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

Control C7 – External Waste and Recycling Storage Facility	
i) **Location and dimensions of communal waste and recycling enclosure, and if applicable, designated bin collection point** *(Please provide calculations to demonstrate adequacy of space)*	
Description: ~~There~~ Two communal waste and recycling enclosures are proposed for the site.	
Details Shown on Drawing	☒ Drawing Reference: C060.
Development Satisfies Control C7 (Section 2.5) of The Code	☒ Yes ☐ No

Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

Development Satisfies Appendix 7 of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied	
ii) How will waste and recycling be transferred from each dwelling to external storage area?	
Description: Residents are required to empty collected household waste and recycle by carrying this waste in bags / kitchen bins to their designated waste enclosure	
Details Shown on Drawing	☒ Drawing Reference: C040

PATH OF TRAVEL	
Control C8 – Path of Travel	
i) Path of travel for moving Bins from dwelling to storage area and to collection point *(Please provide plan of travelling distance, clearance and gradients.)*	
Description: There is a clear path of travel between dwellings and ~~waste~~ designated waste areas. Refer civil plan C070	
Details Shown on Drawing	☒ Drawing Reference: C070
Development Satisfies Control C8 (Section 2.5) of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

MULTI-UNIT RESIDENTIAL DEVELOPMENTS– GARBAGE CHUTES, SERVICE LIFTS, COMPACTION EQUIPMENT ETC	
This section applies to residential apartment buildings above three (3) storeys	
Control C9 – Convenient access to waste and recycling services for all residents	
i) Location and details of any waste and recycling service lifts and associated waste service compartments *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
ii) Location and details of any garbage chutes *(Please provide calculations to demonstrate adequacy of equipment)*	
Description: N/A	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 8 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COLLECTION POINT	
Control C10 – Collection Point	
i) Location of designated collection point and/or hopper pad/s	
Description: There are two proposed designated waste enclosures for the site, one to the North of the central units and one to the North of the units on the South.	
Details Shown on Drawing	☒ Drawing Reference: C060
Development Satisfies Control C10 (Section 2.5) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

VEHICULAR ACCESS	
Control C11 – Collection Point	
i) Path of travel for collection vehicles (if collection occurs on-site) *(Please provide details of travelling distance, clearance in all directions, loading heights and widths, turning and manoeuvring paths, ramp access, clearances and gradients and pavement details including certification of compliance with AS 2890.1–2004)*	
Description: 12.5m HRV with clearances to AS2890.2 requirements.	
Details Shown on Drawing	☒ Drawing Reference: COGO - WASTE PICK UP TURNING CIRCLE
Development Satisfies Appendix 6 of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COMPLETE IF DEVELOPMENT IS PART OF A MIXED USE DEVELOPMENTS ONLY	
Control C1 (Section 4.3) – Separation of residential and non residential waste	
i) Identify how residential and non residential waste and recycling will be kept separate and methods that minimise the potential for commercial tenants to use residential waste and recycling bins	
Description:	
Details Shown on Drawing	☐ Drawing Reference:
Development Satisfies Control C1 (Section 4.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

THIS SECTION APPLIES TO THE FOLLOWING
• Development Applications for new commercial, public or industrial development; • Development Applications for alterations/additions to existing commercial, public or industrial development if there is an effect on the provision of waste and recycling management; and • Development Applications for new mixed use developments involving commercial, public or industrial development.

Controls for these developments are included in Section 3.3 of The Code. Submission requirements are stated in Section 3.4. Where appropriate, please provide details on plans to support your application.

WASTE AND RECYCLING GENERATION

Control C1 – Waste and Recycling Generation

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

Description:

Premises Type	Floor Area (m^2)	Generation Rate		Waste (L/week)	Recycling (L/week)	Bin Size (L or m^3)	Number of bins
		Waste	Recycling				

In completing this table reference is made to Appendix 4– Waste and Recycling Generation Rates for Commercial, Public and Industrial Developments

Development Satisfies Appendix 3 if includes Residential component	☐ Yes ☐ No

Please provide details if Code requirements are not satisfied and proposed alternatives

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

STORAGE FACILITIES	
Control C1-C2 – Waste and Recycling Storage Facilities	
i) Location of individual waste and recycling storage areas, any communal storage areas and refrigerated waste storage areas for the entire development *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 4 of The Code	☐ Yes ☐ No
Development Satisfies Appendix 7 of The Code	☐ Yes ☐ No
Development Satisfies Controls C1 and C2 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

PATH OF TRAVEL	
Control C3 – Path of Travel	
i) Path of travel of waste and recycling to be transferred from point of origin to waste and recycling storage areas *(Please provide details of clearances, gradients and any mitigation of odour and noise impacts)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Control C3 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

COLLECTION POINT	
Control C4 – Collection Point	
i) Location of designated collection point and/or hopper pad/s	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Please provide details if Code requirements are not satisfied and proposed alternatives	
ii) **Path of travel for moving bins from storage area to designated bin collection point** *(Please provide travelling distance, clearance and gradients.)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
iii) **Path of travel for collection vehicles (if collection occurs on-site)** *(Please provide details of travelling distance, clearance, turning and manoeuvring paths, ramp access and pavement details to demonstrate compliance with AS 2890.2--2002.)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 6 of The Code	☐ Yes ☐ No
Development Satisfies Control C4 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

GARBAGE CHUTES, SERVICE LIFTS, COMPACTION EQUIPMENT ETC	
Control C3 – Garbage chutes, service lifts, compaction equipment etc	
i) Location and details of any garbage chutes *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
ii) Location and details of any waste and recycling service lifts *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
iii) Location and details of any waste compaction equipment *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Appendix 8 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

THIS SECTION APPLIES TO THE FOLLOWING
• Demolition – All Development Applications involving demolition where the quantity of demolition material will be greater than $20m^3$ for the whole development • Excavation – All Development Applications involving excavation where the quantity of excavated material will be greater than $20m^3$ for the whole development; and • Construction – Development Applications multi-unit residential developments with 11 dwellings or more and any commercial, public and industrial developments and mixed use developments.

Controls for these developments are included in Section 1.2 of Part C of The Code. Submission requirements are stated in Section 1.3 of Part C of The Code. Where appropriate, please provide details on plans to support your application.

NOTE: No WRMP is required unless any proposed demolition or excavation activities generate more than $20m^3$ of waste for the whole development.

WASTE TYPES AND QUANTITIES	
Control C1 – Demolition, Excavation and Construction Waste Types and Quantities	
i)	**Specify demolition, excavation and construction waste materials by type and volume and/or tonnage**
Description: NIL Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)	

ON-SITE MANAGEMENT OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE	
Control C2 – On-site Management of Waste	
i)	**Nominate on-site sorting and storage areas for demolition, excavation and construction waste materials. This is to be shown on a draft site plan**
Description: THIS IS TO BE COMPLETED BY THE BUILDER & SUBMITTED FOR APPROVAL PRIOR TO DA.	
Details Shown on Drawing	☐ Drawing Reference: N/A
ii)	**Describe the work method practices and specific procedures to be adopted to maximise the reuse and recycling of waste materials**
Description:	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

iii) Identify access for demolition and construction waste collection vehicles	
Description: Refer to Site Plan. Proposed driveways used by vehicles to access during construction.	
Details Shown on Drawing	☐ Drawing Reference: ———
iv) Details of waste/recycling storage containers/skips to be stored outside leased boundaries (Separate approval is required from Ranger Services)	
Description: SEE C2 - i)	
Details Shown on Drawing	☐ Drawing Reference: ———
Development Satisfies Control C2 of Part C of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

RESUSE AND RECYCLING OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE	
Control C2 – Demolition, Excavation and Construction Waste Reuse and Recycling Potential	
i) Details of reuse and recycling potential (either on-site and/or off-site) for demolition, excavation and construction waste	
Description: SEE C2 - i) Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)	
Details Shown on Drawing	☐ Drawing Reference: ———
ii) Name and location of approved licensed sites for recycling/reprocessing and/or landfill disposal of demolition, excavation and construction waste materials	
Description: SEE C2 - i) Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)	
Development Satisfies Control C2 of Part C of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

TABLE 3.1 DEMOLITION WASTE

Type of Material Generated	Estimated		REUSE/RECYCLING OF DEMOLITION WASTE						DISPOSAL AT LANDFILL		
			ON-SITE			OFF-SITE					
	Vol (m^3)	Wt (T)	Proposed Reuse and Recycling On-site	Estimated Vol (m^3)	Estimated Wt (T)	Name of Receiving Recycling Outlet(s) and/or Reuse Sites	Estimated Vol (m^3)	Estimated Wt (T)	Name of Landfill Site	Estimated Vol (m^3)	Estimated Wt (T)
Excavation material						BUILDER TO DO					
Green waste											
Bricks						BY					
Concrete						APPROVED					
Timber (please specify)											
Plasterboard/Gyprock											
Metals (please specify)											
Asbestos/Hazardous											
Other (please specify)											
TOTAL											
PERCENTAGE OF TOTAL											

NOT APPLICABLE PLEASE PROVIDED FOR TO BE SUBMITTED

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

TABLE 3.2 CONSTRUCTION WASTE

Type of Material Generated	Estimated		REUSE/RECYCLING OF CONSTRUCTION WASTE					DISPOSAL AT LANDFILL		
			ON-SITE			OFF-SITE				
	Vol (m^3)	Wt (T)	Proposed Reuse and Recycling On-site	Estimated Vol (m^3)	Estimated Wt (T)	Name of Receiving Recycling Outlet(s) and/or Reuse Sites	Estimated Vol (m^3) / Wt (T)	Name of Landfill Site	Estimated Vol (m^3)	Estimated Wt (T)
Excavation Material										
Bricks										
Concrete										
Timber (please specify)										
Plasterboard/Gyprock										
Metals (please specify)										
Cardboard										
Plastics										
Mixed waste										
Other (please specify)										
TOTAL										
PERCENTAGE OF TOTAL										

NOT APPLICABLE AS BUILDER TO DA PRIOR TO APPROVAL BEING PREPARED FOR SUBMITTED

[redacted]

From: Bell, Jeff
Sent: Thursday, 12 January 2017 5:16 PM
To: [redacted]
Subject: RE: Mortimer Lewis Drive - Greenway Left Slip Lane [SEC=UNCLASSIFIED]

Hi [redacted]
TCCS have reviewed your assessment of the proposed extension of the left slip lane at the intersection of Mortimer Lewis Drive and Drakeford Drive. TCCS accepts your argument regarding the physical usability of the extended slip lane and agree that the proposed extension does not provide any tangible benefit for left turning vehicles. Based on the information that you have provided, TCCS does not require the slip lane to be extended; however, you will need to confirm that retaining the existing slip lane length will still allow the intersection to work effectively for the 2024 traffic volumes, using the scenario of 80% of northbound vehicles using this intersection.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: [redacted]
Sent: Thursday, 8 December 2016 8:12 AM
To: Bell, Jeff
Cc: [redacted]
Subject: Mortimer Lewis Drive - Greenway Left Slip Lane

Hi Jeff,

Following our meeting and subsequent discussions, I provide the following as our response in relation the extension of the left hand turn lane at the Northern intersection of Mortimer Lewis Drive and Drakeford Drive.

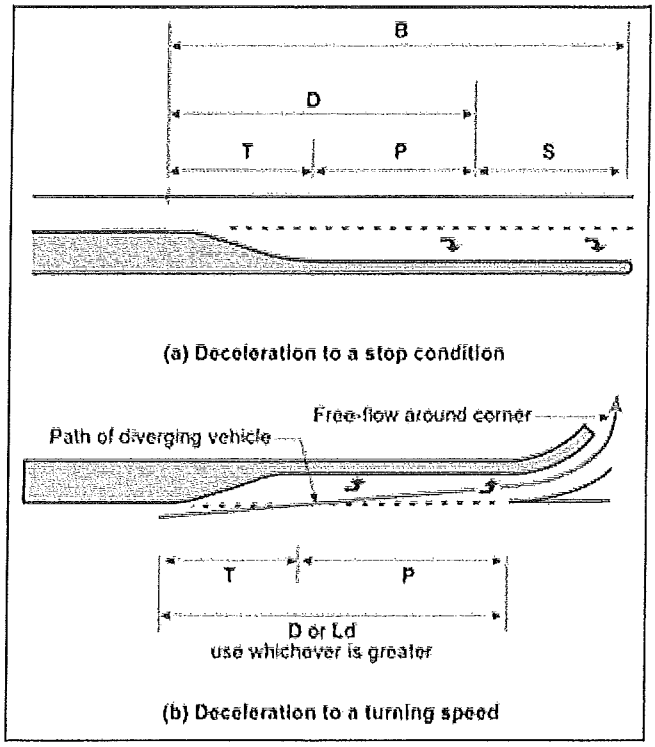
As previously advised, an extension of the left hand turn lane does not appear to offer a substantial benefit in increasing the level of service (LOS) at this intersection in comparison to the capital expenditure.

The following points have been considered in relation to the merits of this proposed upgrade:

1. The cost involved in the design and construction of the upgrade.
   - 1.1 The area of open space behind the intersection is on a steep batter and will require substantial earthworks given the scale of the works.
   - 1.2 The impact on existing infrastructure i.e. relocation of existing watermain, relieving slab over the existing gas and electrical mains, relocation of the existing street light and associated cables and additional stormwater infrastructure.
   - 1.3 Relocation of the existing footpath would be necessary.
   - 1.4 Possible removal of a large mature tree.
   - 1.5 The new pavement, kerbing and subsoil drainage.
   - 1.6 Temporary traffic and pedestrian/cyclist management.
   - 1.7 It is Cardno's estimate that the cost of these works would be approx. $200,000.

2. The physical usability of the extension by motorists.
   - 2.1 Refer to the attached turning templates undertaken for both a passenger vehicle and 12.5m truck. These templates have been run at 10km/hr, 20km/hr and 40km/hr for the intersection to simulate likely approach and negotiation speeds.
   - 2.2 It can be seen from these turning templates that the extension of the slip lane has a negligible benefit in relation to increasing storage.

3. Non-compliance with Austroads for left turn auxiliary lanes at signalised intersections.
   3.1 Table 5.2 (repeated below) shows for a 3.0m wide lane, the length of the Auxiliary lane should be 27m.



Design speed of approach			Length of decel eration D – including diverge taper T								Diver ge length L	
Road (km/h)	0 Comf.	0 Max.	20	30	40	50	60	70	80	90	3.5 m[4]	3.0 m[4]
			Comfortable average rate of deceleration									
50	40	30	30	25	15						33	27
60	55	40	50	40	30	15					40	33
70	75	55	70	60	50	40	20				47	40
80	100	70	95	85	75	60	45	25			54	44
90	125	90	120	110	100	85	70	50	25		60	50
100	155	110	150	140	130	115	100	80	55	30	67	57
110	185	135	180	175	160	150	130	110	90	60	74	62

We trust that the above is sufficient justification of the limited value this augmentation would provide in relation to traffic flow in comparison to the capital costs.

We would welcome TCCS's review of the above and input into the outcome.

Feel free to call me directly on the below number(s) if you wish to discuss further.

Kind regards,

[redacted]
SENIOR CIVIL ENGINEER
PRINCIPAL
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4527 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Veb www.cardno.com

CONNECT WITH CARDNO

Cardno wishes you a happy holiday season and a prosperous New Year.
Cardno's offices across Australia will close from 5pm on Friday 23 December 2016 and reopen on Monday 9 January 2017.

Cardno's management systems are certified to ISO9001 (quality) and AS4801/OHSAS18001 (occupational health and safety)

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[redacted]

From: Chowdhury, Abu Sayem
Sent: Friday, 26 February 2016 11:35 AM
To: Bell, Jeff; Joseph, Gabriel; Jatheendran, Lingam; Roulston, David
Cc: Henriquez, Jose
Subject: RE: Mortimer Lewis Drive Greenway

Dear All
Please find the Canberra Times coverage on this proposed development.
http://www.canberratimes.com.au/act-news/information-session-to-discuss-more-public-housing-for-east-greenway-on-lake-tuggeranong-20160221-gmzj2d.html
Regards
Sayem

Abu Sayem Chowdhury
Senior Engineer - Development Assessment

Asset Acceptance | Territory Asset Information & Management
Infrastructure, Roads & Public Transport
Territory & Municipal Services Directorate (TAMS) | ACT Government

☎Ph: (02) 6205 9091 | 🖷 Fax: (02) 6207 7484 ✉Email: abusayem.chowdhury@act.gov.au

"Great Services - Quality Assets - Better Lifestyles"

From: Bell, Jeff
Sent: Friday, 26 February 2016 8:35 AM
To: Chowdhury, Abu Sayem; Henriquez, Jose
Subject: FW: Mortimer Lewis Drive Greenway
Importance: High

Gents,
Do either of you have any information on this development?

Regards

JEFF BELL
OPERATIONS MANAGER | ASSET ACCEPTANCE | ASSET INFORMATION AND MANAGEMENT SERVICES BRANCH | INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 5604 | FAX: +61 2 6207 7484 |
jeff.bell@act.gov.au

"GREAT SERVICES- QUALITY ASSETS- BETTER LIFESTYLE"

From: Roulston, David
Sent: Friday, 26 February 2016 7:38 AM
To: Joseph, Gabriel
Cc: Jatheendran, Lingam; Bell, Jeff
Subject: FW: Mortimer Lewis Drive Greenway
Importance: High

Gabriel,

We have not been able to find anything on this development can we have another look and then if mothering contact Peter Johns and see what they have on the proposed development and where it is up to please

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |

david.roulston@act.gov.au

" Helping you to build our community"

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 8:47 PM
To: Roulston, David
Subject: Re: Mortimer Lewis Drive Greenway

Peter Johns in the housing trust was the project officer I believe

TG

Sent from my iPad

On 25 Feb 2016, at 6:22 PM, Roulston, David <David.Roulston@act.gov.au> wrote:

> Yep but I can't find any drawings or submissions for it? Who would be the best contact ?
>
> **Regards,**
>
> **David**
>
> DAVID ROULSTON AIPM CPPE
> DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
> CHIEF INFORMATION OFFICER
> CAPITAL WORKS COORDINATOR - TAMS PMO
> INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
> TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
> PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |
> david.roulston@act.gov.au <image001.png>
>
> *" Helping you to build our community"*

<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 5:11 PM
To: Roulston, David
Subject: RE: Mortimer Lewis Drive Greenway

David

It is a housing trust development I understand – been discussed for some time

TG

From: Roulston, David
Sent: Thursday, 25 February 2016 5:03 PM
To: Gill, Tony
Subject: RE: Mortimer Lewis Drive Greenway

Tony,

Just to let you know we have no EDP and no DA nor are we aware of any development on this block that will effect Mortimer Lewis so if you have any more details that would be good. I know we did look at the intersections but we have no details at all?

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au <image001.png>

" Helping you to build our community"

<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 12:10 PM
To: Roulston, David
Subject: FW: Mortimer Lewis Drive Greenway

David

This relates to a development application in Greenway- can you please advise whether there are any specific requirements to be placed on the DA liked with improved road access?

Tony Gill

25/2/16

From: [redacted]
Sent: Thursday, 25 February 2016 11:19 AM
To: Gill, Tony
Cc: [redacted]
Subject: Mortimer Lewis Drive Greenway

Dear Tony
As I dare say you are aware, the government plans to put 150 units into the southern part of Greenway East, including, in the first instance 24 public housing units (the second lot in Greenway East) and 126 under private development. That means to me at least an extra 200 people and more importantly 200 plus cars, all of which will be trying to get out of Greenway East via the main exit at Mortimer Lewis and Drakeford Drives.
[redacted] and I have mentioned this before to you that we believe there will be an essential need to open up the southern exit of Mortimer Lewis to provide for exit
to the South as well as to the North. Mortimer Lewis is a windy and dangerous road with many non-resident visitors to the dog park, the Sea Scouts and the lake front parks generally.
Please advise of plans to provide a two-way exit from the southern end of Mortimer Lewis, before construction of the 150 units.
Regards
[redacted]
Treasurer, TCC
[redacted]

[redacted]

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 9:21 AM
To: Jatheendran, Lingam; Roulston, David
Cc: Bell, Jeff
Subject: RE: Mortimer Lewis Drive Greenway

It's OK Lingam, I am following this up.

Gabriel

From: Jatheendran, Lingam
Sent: Friday, 26 February 2016 8:37 AM
To: Roulston, David; Joseph, Gabriel
Cc: Bell, Jeff
Subject: RE: Mortimer Lewis Drive Greenway

David/Gabriel

This is the second time we have received this query from TCC. First one we received in November 2015, see attached email to you. No DA has been received to date. We will carry out further investigation about this with ACT Housing. As mentioned in my attached reply, the future developments will assess the impact and implement mitigation measures in any case.

Lingam

From: Roulston, David
Sent: Friday, 26 February 2016 7:38 AM
To: Joseph, Gabriel
Cc: Jatheendran, Lingam; Bell, Jeff
Subject: FW: Mortimer Lewis Drive Greenway
Importance: High

Gabriel,

We have not been able to find anything on this development can we have another look and then if mothering contact Peter Johns and see what they have on the proposed development and where it is up to please

Regards,

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 6628 [redacted] FAX: +61 2 6207 7484 |

david.roulston@act.gov.au

"Helping you to build our community"

"One Government One ACT Public Service"

From: Gill, Tony
Sent: Thursday, 25 February 2016 8:47 PM
To: Roulston, David
Subject: Re: Mortimer Lewis Drive Greenway

Peter Johns in the housing trust was the project officer I believe

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Sent from my iPad

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> **Sent:** Thursday, 25 February 2016 5:03 PM

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Subject: RE: Mortimer Lewis Drive Greenway

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Sent: Thursday, 25 February 2016 12:10 PM
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Subject: FW: Mortimer Lewis Drive Greenway

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This relates to a development application in Greenway- can you please advise whether there are any specific requirements to be placed on the DA liked with improved road access?

Tony Gill
25/2/16

From: [redacted]
Sent: Thursday, 25 February 2016 11:19 AM
To: Gill, Tony
Cc: [redacted]
Subject: Mortimer Lewis Drive Greenway

Dear Tony
As I dare say you are aware, the government plans to put 150 units into the southern part of Greenway East, including, in the first instance 24 public housing units (the second lot in Greenway East) and 126 under private development. That means to me at least an extra 200 people and more importantly 200 plus cars, all of which will be trying to get out of Greenway East via the main exit at Mortimer Lewis and Drakeford Drives.
[redacted] and I have mentioned this before to you that we believe there will be an essential need to open up the southern exit of Mortimer Lewis to provide for exit
to the South as well as to the North. Mortimer Lewis is a windy and dangerous road with many non-resident visitors to the dog park, the Sea Scouts and the lake front parks generally.

Please advise of plans to provide a two-way exit from the southern end of Mortimer Lewis, before construction of the 150 units.

Regards

[redacted]

Treasurer, TCC

[redacted]

[redacted]

From: Jatheendran, Lingam
Sent: Friday, 26 February 2016 8:37 AM
To: Roulston, David; Joseph, Gabriel
Cc: Bell, Jeff
Subject: RE: Mortimer Lewis Drive Greenway
Attachments: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

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Importance: High

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" Helping you to build our community"

ACT Government Territory and Municipal Services

PMCOP TIME SCOPE

GOLD CORPORATE MEMBER

"One Government One ACT Public Service"

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[redacted]
Treasurer, TCC
[redacted]

[redacted]

From: Jatheendran, Lingam
Sent: Friday, 26 February 2016 8:27 AM
To: Jatheendran, Lingam
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

From: Jatheendran, Lingam
Sent: Tuesday, 17 November 2015 10:48 AM
To: Roulston, David; Joseph, Gabriel
Cc: Bell, Jeff
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

David

The questions are not very clear. Currently Mortimer Lewis Drive has two access points from Drakeford Drive. The southern access with a left in and left out traffic arrangement and the northern access is a four way signalised intersection allowing all movements.

It appears that the request by TCC is for the southern access (Left in and Left out) to be converted to a full intersection. This should be subject to further traffic studies as such move will reduce the midblock capacity of Drakeford Drive. Having said this, the existing network arrangement is more than adequate to carry the traffic generated by the existing developments and any future developments , if there are any. This will be tested and confirmed at the time of the development application for any future developments in the area.

We also acknowledge that the layout of Mortimer Lewis Drive is not conducive for smooth driving as it traverse through irregular shaped land mass surrounding the lake, and may encourage young drivers to speed to feel the effects of sharp and reverse curves. If this behaviour persist, local area traffic management could be implemented to improve safety in consultation with the residence in the area. This exercise should be initiated by Roads ACT as they are responsible for the day to day traffic operation of the network.

To date we have not received any DA for residential developments in East Greenway.

Lingam

From: Roulston, David
Sent: Friday, 13 November 2015 8:01 AM
To: Jatheendran, Lingam
Cc: Bell, Jeff; Joseph, Gabriel
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Lingam can you have a look at this please and provide some comments form AA?

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david.roulston@act.gov.au

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From: McHugh, Ben
Sent: Thursday, 12 November 2015 5:32 PM
To: Gill, Tony; Roulston, David
Cc: Cloos, Karl
Subject: FW: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Hi Tony, David,

Tony, are you able to nominate a Roads ACT contact to respond to question 1.

Question 2 might be for your team David?

Thanks

Ben

From: [redacted]
Sent: Wednesday, 11 November 2015 5:49 PM
To: McHugh, Ben
Subject: RE: SECOND EXIT SOUTH/MORTIMER LEWIS DRIVE, EAST GREENWAY

Good Afternoon Ben,

Thank you for attending and your presentation to the Tuggeranong Community Council 3rd November Meeting. Unfortunately it seems each year that the November meetings falling on Melbourne Cup Day continues to affect our attendance numbers.

In reference to my inquiries at the Meeting re the rezoning of the East Greenway lakeside suburb and in particular the traffic and southern exit from Mortimer Lewis Drive.

As requested I will list the concerns of the Greenway residents. The residents share this area with numerous visitors to the lake and the regional dog exercise area. The residents note that the weekends and all school holidays create extra traffic to the area and it has been noted that they are not familiar with this lakeside road and its blind bend sections, leading to some dangerous driving at times. One young driver did a complete 360deg turn-a-round at one bend due to taking it too fast (witnessed by a resident from his front garden). This could have caused a fatality. The traffic crossing from Taverner Street, Oxley direct into Mortimer Lewis Drive on a green light also seem to continue into our lakeside road at 80km, particularly younger drivers. The residents in the townhouses on the corner of Drakeford Drive/Mortimer Lewis report numerous problems and noise levels.

Question 1. What decisions have been made re opening the southern exit of Mortimer Lewis Drive to Drakeford Drive for residents and all the visitors to the lake and dog exercise area who wish to exit south?

Question 2. The future four storey apartment block and townhouses that will be built at the southern end of Mortimer Lewis Drive (opposite the dog exercise area) and will certainly add a large number of extra vehicles on the narrow blind bends in our lakeside road creating further problems for residents in East Greenway. This new project will need a second exit from Mortimer Lewis Drive as to date there is only one exit south from this lakeside road to enter Drakeford Drive Highway.

I was advised by Tony Gill post meeting, as we left the venue, to also discuss this problem with Minister Mick Gentleman. I have now had discussions with Minister Gentleman. I have been advised that he would certainly look into the situation. I advised the Minister that the exit could be opened with special road signs (ENTER WITH CARE) at two sections on the highway so eliminating the need for a round-a-bout and the section does not need traffic lights to add to the number already on Drakeford Drive.

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Kind Regards,

[redacted]

Public Officer
Second Vice President
Tuggeranong Community Council
PO Box 455
Erindale Centre ACT 2903
H:
M[redacted]

[redacted]

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[redacted]
Public Officer
Second Vice President
Tuggeranong Community Council
PO Box 455
Erindale Centre ACT 2903
[redacted]

[redacted]

From: Jackson, Bonnie
Sent: Monday, 27 March 2017 10:48 AM
To: Bell, Jeff
Cc: Roberts, Susanne
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: Letter to [redacted]

Good morning Jeff

The letter attached is (to the best of my knowledge) the final that was sent to [redacted] from Simon.

Many thanks
Bonnie

Bonnie Jackson | Community Engagement
Phone 02 6207 7242 | Email: **bonnie.Jackson@act.gov.au**
nd Development Agency | Chief Minister, Treasury & Economic Development Directorate | ACT Government
Level 6 TransACT House, 470 Northbourne Avenue | GPO Box 158 Canberra ACT 2601 |www.act.gov.au

Please note I do not work on Fridays

From: Roberts, Susanne
Sent: Monday, 27 March 2017 10:36 AM
To: Jackson, Bonnie
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Bonnie

Could you help with this please and get back to Jeff?

Cheers

Susanne

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:26 AM
To: Roberts, Susanne
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Susanne,
Are you able to assist with my query below?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:22 AM
To: Lansdown, Simon
Cc: Zeta, Darwin; Joseph, Gabriel
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
We are trying to finalise our response to the Ministerial and we want to ensure that we don't provide any conflicting information. Are you able to provide a copy of your response to [redacted]

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
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Connected services for the people of Canberra

From: Bell, Jeff
Sent: Friday, 10 March 2017 12:05 PM
To: Lansdown, Simon
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Importance: High

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From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Hi Jeff

I will respond to an email which came directly to me from [redacted] (see below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] |simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,

The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 |www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

om: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area [redacted] in 2011 as [redacted] of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]
Convenor North East Greenway Action Group.
Tuggeranong Community Council

[redacted]

Dear [redacted]

Thank you for your email inquiry about the proposed development on Section 28 and issues relating to the existing road network and lakeside shared path.

As mentioned in my email response at the time, the proposed development on Mortimer Lewis Drive, Greenway (section 28) including the proposed construction of public housing is still under consideration. I will provide more information when details are confirmed.

In regards to you inquiry about the issues relating to the road and shared path I can provide the following advice and background.

In November 2014, the Land Development Agency undertook a traffic assessment on the potential impact of up to 150 residential dwellings on Block 2 Section 28. In October 2015, the impact of up to 28 dwellings on part of Block 2 was also assessed.

The surveys found that both intersections with Drakeford Drive had sufficient capacity and would not be adversely affected by the proposed public housing development or the development of the remainder of Block 2 Section 28.

In January 2016, another traffic assessment was undertaken in response to requests from residents relating to the proposed public housing development on the southern end of section 28. The findings of this assessment were consistent with previous studies in that the proposed development would have minimal impact on the performance of the two Mortimer Lewis Drive intersections with Drakeford Drive.

Parking

In January 2016, traffic consultants engaged by the Taskforce surveyed the traffic flow and vehicle movement along Mortimer Lewis Drive and made the following observations:

- Peak parking demand for the dog park was Saturday morning, with 12 vehicles.
- Peak parking demand for the Scout Hall was Saturday afternoon, with 21 vehicles.

The parking assessment found that demand for parking peaked on a Saturday at the dog park and Sea Scout Hall. The report recommended additional spaces at the dog park.

In addition, parking for the proposed public housing development or the development of the remainder of Block 2 Section 28 will be contained within the boundary of the site and comply with the Parking and Vehicular Access General Code.

Traffic volumes

- Traffic volumes were about three times greater at the northern end of Mortimer Lewis Drive.

The traffic analysis conducted in the 2014, 2015 and 2016 studies were consistent and found that the trigger target for implementation of traffic calming devices was not reached.

Access to footpaths and shared paths

The area is well connected to the pedestrian and cycle paths.

Additional connections to the bus stops on Drakeford Drive will be considered to connect to the southern portion of Block 2 Section 28.

I have provided your email to Transport Canberra and City Service.

Please let me know if you have any more questions.

Cheers

[redacted]

Simon Lansdown
Manager, Community Engagement

[redacted]
Convenor North East Greenway Action Group.
Tuggeranong Community Council

[redacted]

Dear Ms [redacted]

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I have provided your email to Transport Canberra and City Service.

Please let me know if you have any more questions.

Cheers

[redacted]

Simon Lansdown
Manager, Community Engagement

[redacted]

From: Bell, Jeff
Sent: Friday, 10 March 2017 12:05 PM
To: Lansdown, Simon
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Importance: High

Hi Simon,
Would it be possible to get a copy of your response to [redacted] We don't want to provide any conflicting information in our response to teh ministerial.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Hi Jeff

I will respond to an email which came directly to me from [redacted] see below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left

Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

Simon Lansdown | Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] | simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
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Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,
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Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM

To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
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Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT |Transport Canberra and City Services Directorate |ACT Government
' Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 |www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government

12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

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I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Bell, Jeff
Sent: Tuesday, 28 March 2017 10:35 AM
To: Jackson, Bonnie
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Thanks Bonnie.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Jackson, Bonnie
Sent: Monday, 27 March 2017 10:48 AM
To: Bell, Jeff
Cc: Roberts, Susanne
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Good morning Jeff

The letter attached is (to the best of my knowledge) the final that was sent to [redacted] from Simon.

Many thanks
Bonnie

Bonnie Jackson | Community Engagement
Phone 02 6207 7242 | Email: bonnie.jackson@act.gov.au
Land Development Agency | Chief Minister, Treasury & Economic Development Directorate | ACT Government
Level 6 TransACT House, 470 Northbourne Avenue | GPO Box 158 Canberra ACT 2601 |www.act.gov.au

Please note I do not work on Fridays

From: Roberts, Susanne
Sent: Monday, 27 March 2017 10:36 AM
To: Jackson, Bonnie
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Bonnie

Could you help with this please and get back to Jeff?

Cheers

Susanne

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:26 AM
To: Roberts, Susanne

Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Susanne,
Are you able to assist with my query below?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
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Connected services for the people of Canberra

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:22 AM
To: Lansdown, Simon
Cc: Zeta, Darwin; Joseph, Gabriel
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
We are trying to finalise our response to the Ministerial and we want to ensure that we don't provide any conflicting information. Are you able to provide a copy of your response to [redacted]

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
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Connected services for the people of Canberra

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Connected services for the people of Canberra

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Sent: Friday, 3 March 2017 7:54 PM

To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] simon.lansdown@act.gov.au

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Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Connected services for the people of Canberra

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Jeff/Lingam

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Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Karl Cloos

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Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT |Transport Canberra and City Services Directorate |ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 |www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM

To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

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I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Bell, Jeff
Sent: Monday, 27 March 2017 9:40 AM
To: Zeta, Darwin; Joseph, Gabriel
Cc: Pincombe, Neil; Cloos, Karl
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Darwin,
I requested a copy of the LDA's response on 10 March. And i still haven't received a response from them. I will follow it up today.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Zeta, Darwin
Sent: Monday, 27 March 2017 8:17 AM
To: Joseph, Gabriel; Bell, Jeff
Cc: Pincombe, Neil; Cloos, Karl
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Gabriel, Jeff,

Good morning. Just following Karl's emails up regarding Mortimer Lewis.

Would appreciate a response ASAP as I need to summarise and provide a response on behalf of Ken ASAP.

Thankyou

Regards,

DARWIN ZETA | A/G SENIOR MANAGER | Eng (MIEAust), DipPM
Phone: 02 6205 4589 | Email: darwin.zeta@act.gov.au
Roads ACT | Transport Canberra City Services| ACT Government
Level 1 490 Northbourne Avenue - WOTSO Building | Locked Bag 2000, Civic Square, ACT 2608 | www.act.gov.au

ENGINEERS AUSTRALIA Professional Engineer MEMBER

Please consider the environment before printing this e-mail.

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
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12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 | www.act.gov.au

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To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

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For review/advice/discussion

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From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

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From: [redacted]
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Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

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I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Follow Up Flag: Follow up
Due By: Tuesday, 7 March 2017 11:00 AM
Flag Status: Flagged

Hi Jeff

I will respond to an email which came directly to me from [redacted] (see below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

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South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

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security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,
The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
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For review/advice/discussion

[redacted]en Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

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I look forward to your comments re this submission.

With Kind Regards,
[redacted]

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Sent: Saturday, 25 February 2017 12:15 PM
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Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

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I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Joseph, Gabriel
Sent: Monday, 27 March 2017 11:52 AM
To: Bell, Jeff
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff

We are not dealing with this now. Karl Cloos is looking at this.

Gabriel

From: Bell, Jeff
Sent: Monday, 27 March 2017 10:22 AM
To: Lansdown, Simon
Cc: Zeta, Darwin; Joseph, Gabriel
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
We are trying to finalise our response to the Ministerial and we want to ensure that we don't provide any conflicting information. Are you able to provide a copy of your response to [redacted]

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Bell, Jeff
Sent: Friday, 10 March 2017 12:05 PM
To: Lansdown, Simon
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Importance: High

Hi Simon,
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Regards

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Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
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Connected services for the people of Canberra

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM

To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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Connected services for the people of Canberra

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Sent: Saturday, 25 February 2017 12:49 PM
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Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

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With Kind Regards,
[redacted]

[redacted]

From: Joseph, Gabriel
Sent: Tuesday, 28 February 2017 11:41 AM
To: Cloos, Karl
Cc: Arul, Adrian; Bell, Jeff
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl

We have met with LDA few times in the project and identified some hydraulics works and intersection works as needed to be done as off-site works. However the last e-mail from Adrian does not acknowledge this. On top it suggests the Mike day was not in favour of the signalised intersection. I understand that this area is currently being subdivided into 5 blocks ready to be sold without any improvements to the intersections. Please find below the e-mail from Adrian to Jeff. I hope mike day could advice a bit more.

From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which

were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

Adrian Arul / **Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

We have not heard anything after this. I think LDA is in the best position to answer to [redacted] questions. Adrian Arul is the Project Manager for this project. He reports to Graham Mundy and Graham reports to Nicholas Holt.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel

Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

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This is not on Roads ACT's Capital Works program

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ATTACHMENT A

SUBMISSION:
MORTIMER LEWIS DRIVE, NORTH EAST GREENWAY.
A REQUEST FOR ROAD CHANGE WORK TO BE CARRIED OUT AT THE SOUTHERN END OF MORTIMER LEWIS DRIVE AND DRAKEFORD DRIVE AT GREENWAY.

Proposal

As convenor of the North East Greenway Action Group and the Tuggeranong Community Council I propose that the southern exit of Mortimer Lewis Drive, Greenway East, on to Drakeford Drive be modified, as listed below, to permit traffic to exit Mortimer Lewis Drive to both the south and the north. At present, traffic exits only to the north.

Background

The ACT Government has planned a large housing development comprising an apartment block (four levels) with possible ground floor commercial/retail facilities. This project will now create approximately 150 residential units to be built on the eastern side of Mortimer Lewis Drive, between existing units and the Tuggeranong Dog Park. Of these, the first (26) will be public housing, the remainder to be developed by the private sector. This number of new units would represent a large increase in the relatively small population of Greenway North/East and will greatly increase the traffic flow on Mortimer Lewis Drive which to date has had serious problems due to the two blind bends on this narrow lakeside road. All residents and visitors to the lake and the dog park must return to the (north) section traffic lights for (south) travel to suburbs and to Tuggeranong Town Centre, this is the only exit south from this lakeside suburb. The proposed building development is alongside the exit at the (south end) of Mortimer Lewis Drive. .

Mortimer Lewis Drive has two (2) blind bends along its route. This lakeside road has the Tuggeranong Sea Scouts Group Hall, community recreation areas, lakeside park area to Athllon Drive, two children's playgrounds and Tuggeranong Dog Exercise Park. Currently under construction is a "Bicycle Safety Training Centre" for children from all regions of Canberra.

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This practise remains prevalent as seen by the attached photographs 1-2 taken 17/2/17). The drivers are accessing other sections of East Greenway to then cross the motorway to the centre before being able to continue to the south route along Drakeford Drive Motorway. Serious accidents will occur if this practise continues and the section is not redesigned to provide a safe exit to the south of Canberra.

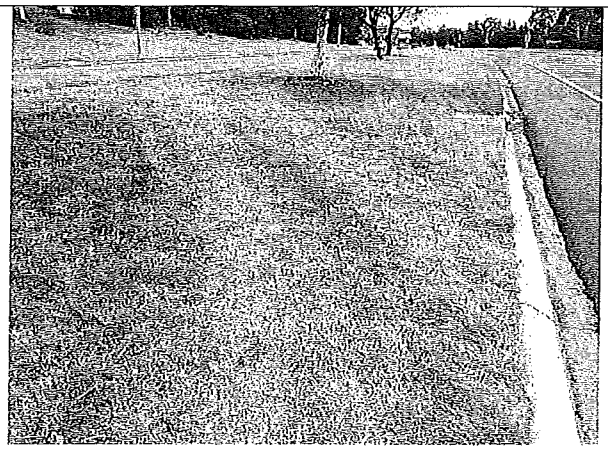
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The recommendations put forward to date:
The duplication of the road exit plan that has been operational for some years at the intersection of Drakeford Drive/Barr Smith Avenue and Hurtle Avenue/Noorooma Street, Isabella Plains.

An additional set of traffic lights on Drakeford Drive would be undesirable and unnecessary, given the efficacy of slip lanes at intersections like those just mentioned. Given that there is currently a large triangular area of concrete on the Mortimer Lewis Drive side of the intersection (photo 4) there would be a need to modify this area as well as with slip lanes.



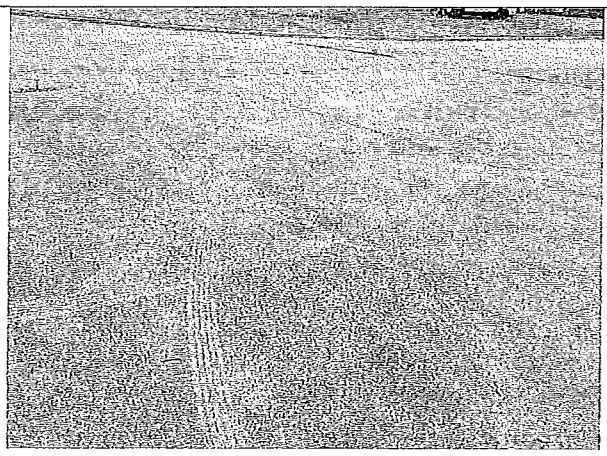
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View across Drakeford Drive showing beaten vehicle tracks at sections where barriers have not been placed.



2 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing detail of beaten vehicle tracks.



3 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
View across Drakeford Drive showing vehicle barriers.



4 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
Vehicle tracks on concrete divider, Mortimer Lewis Drive side.

The TCC proposal is even more appropriate, given that the Government now plans a major housing project to be built from 2017 at the southern end of Mortimer Lewis Drive as stated.

To install traffic lights at this section would cause angst by residents of Tuggeranong who daily have delays created by the department (automated delayed timing of traffic lights to allow north traffic to access the south of Tuggeranong from approximately 4.00pm). There are already in place eight (8) traffic lights between Athllon Drive (south) roundabout and Sulwood Drive along this route of approximately six kilometres of the motorway. The lights are pre-set approximately 90% red or green to Sulwood Drive!

Discussions with the Tuggeranong Ambulance Service re Drakeford Drive traffic lights, numbers and timing has also raised the problem of safety for the Ambulance staff, patients and residents on Tuggeranong Drive to the section of Sulwood Drive. Note also that south of the Athllon Drive roundabout, there are no traffic lights along the route to Tharwa and the number of roundabouts often cause delays to residents.

Conclusion

The Tuggeranong Community Council (TCC) and the North East Greenway Action Group now recommends that the "Southern exit" of Mortimer Lewis Drive to access Drakeford Drive Motorway be now modified for the future years. This will provide residents and visitors a second exit left to the south of Canberra from their area in safety and for emergencies to the area. This second exit project should be in place prior to the new apartment/unit complex that is proposed for Mortimer Lewis Drive, Greenway.

[redacted]
Convenor, North/East Greenway Action Group.
Public Officer, Second Vice President
Tuggeranong Community Council
PH:
E: [redacted]

24 February 2017

[redacted]

From: Zeta, Darwin
Sent: Monday, 27 March 2017 8:17 AM
To: Joseph, Gabriel; Bell, Jeff
Cc: Pincombe, Neil; Cloos, Karl
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]
Attachments: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Importance: High

Gabriel, Jeff,

Good morning. Just following Karl's emails up regarding Mortimer Lewis.

Would appreciate a response ASAP as I need to summarise and provide a response on behalf of Ken ASAP.

Thankyou

Regards,

DARWIN ZETA | A/G SENIOR MANAGER | Eng (MIEAust), DipPM
Phone: 02 6205 4589 | Email: darwin.zeta@act.gov.au
Roads ACT | Transport Canberra City Services| ACT Government
Level 1 490 Northbourne Avenue - WOTSO Building | Locked Bag 2000, Civic Square, ACT 2608 | www.act.gov.au

ENGINEERS AUSTRALIA
Professional Engineer
MEMBER

Please consider the environment before printing this e-mail.

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This is not on Roads ACT's Capital Works program

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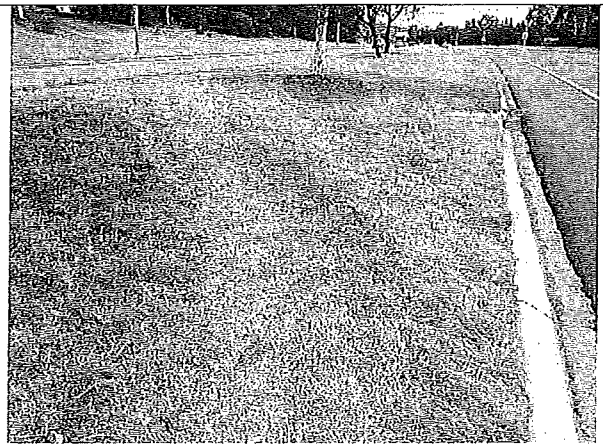
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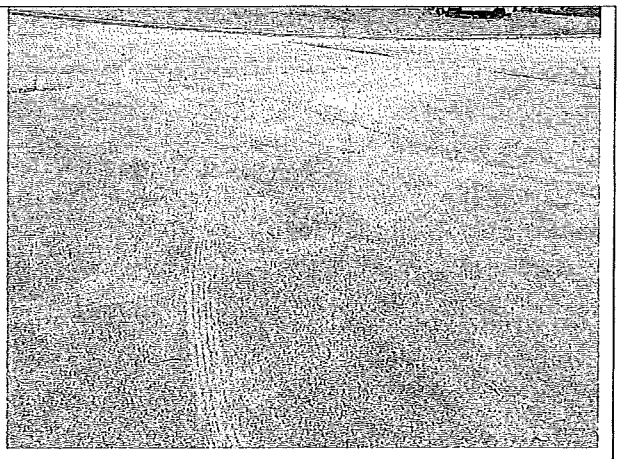
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4 17Feb17
Southern Intersection Mortimer Lewis and Drakeford Drives.
Vehicle tracks on concrete divider, Mortimer Lewis Drive side.

The TCC proposal is even more appropriate, given that the Government now plans a major housing project to be built from 2017 at the southern end of Mortimer Lewis Drive as stated.

To install traffic lights at this section would cause angst by residents of Tuggeranong who daily have delays created by the department (automated delayed timing of traffic lights to allow north traffic to access the south of Tuggeranong from approximately 4.00pm). There are already in place eight (8) traffic lights between Athllon Drive (south) roundabout and Sulwood Drive along this route of approximately six kilometres of the motorway. The lights are pre-set approximately 90% red or green to Sulwood Drive!

Discussions with the Tuggeranong Ambulance Service re Drakeford Drive traffic lights, numbers and timing has also raised the problem of safety for the Ambulance staff, patients and residents on Tuggeranong Drive to the section of Sulwood Drive. Note also that south of the Athllon Drive roundabout, there are no traffic lights along the route to Tharwa and the number of roundabouts often cause delays to residents.

Conclusion

The Tuggeranong Community Council (TCC) and the North East Greenway Action Group now recommends that the "Southern exit" of Mortimer Lewis Drive to access Drakeford Drive Motorway be now modified for the future years. This will provide residents and visitors a second exit left to the south of Canberra from their area in safety and for emergencies to the area. This second exit project should be in place prior to the new apartment/unit complex that is proposed for Mortimer Lewis Drive, Greenway.

[redacted]
Convenor, North/East Greenway Action Group.
Public Officer, Second Vice President
Tuggeranong Community Council
PH: [redacted]
E:

24 February 2017

[redacted]

From: Arul, Adrian
Sent: Tuesday, 28 February 2017 4:46 PM
To: Joseph, Gabriel; Cloos, Karl
Cc: Bell, Jeff; Mundy, Graham; Holt, Nicholas; Lansdown, Simon
Subject: RE: TCC_Submission 4 Mortimer Lewis Drive/ GREENWAY S 28 [SEC=UNCLASSIFIED]
Attachments: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Karl/ Gabriel

GREENWAY S 28 Block 3,4 & 5 (previous Block 2)

In reference to Gabriel's email below, please refer to the attached correspondence to Jeff Bell on 6 Dec 2016 and the summary below.

IN SUMMARY:

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA submission (engaged by LDA to carry out Minorworks)

2. At the meetings, we the LDA briefed the works as minor works by LDA not Off-site works

3. Mike Day was present at the meeting on 24 May 2016 and confirmed that Mike day was not in favour of the signalised intersection (southern) and it was minuted and circulated.

4.The original block was divided into 5 as agreed by TCCS (then TAMS). The reason was that there are two existing flood paths through the block which are not formalised. The minor works will formalise the existing flood paths to the satisfaction of TCCS (thus 5 blocks).

Finally, I wish to re-emphasise that LDA will not be undertaking any southern intersection improvement as this is a network issue.

Regards

Adrian Arul / **Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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From: Joseph, Gabriel
Sent: Tuesday, 28 February 2017 11:41 AM

To: Cloos, Karl
Cc: Arul, Adrian; Bell, Jeff
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Karl

We have met with LDA few times in the project and identified some hydraulics works and intersection works as needed to be done as off-site works. However the last e-mail from Adrian does not acknowledge this. On top it suggests the Mike day was not in favour of the signalised intersection. I understand that this area is currently being subdivided into 5 blocks ready to be sold without any improvements to the intersections. Please find below the e-mail from Adrian to Jeff. I hope mike day could advice a bit more.

From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

We have not heard anything after this. I think LDA is in the best position to answer to [redacted] questions. Adrian Arul is the Project Manager for this project. He reports to Graham Mundy and Graham reports to Nicholas Holt.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 | www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February. [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area I [redacted] in 2011 as [redacted] of North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

[redacted]

From: Arul, Adrian
Sent: Tuesday, 6 December 2016 5:35 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Attachments: RE: B2 S28 Greenway - SIR, Stormwater, Floodways & Traffic [SEC=UNCLASSIFIED, DLM=For Official Use Only]; 20161123 Minutes of TCCS Meeting.pdf; 50517027-C-1003.pdf; Greenway S 28 General.pdf

Hi Jeff

Attachments:

1. Minutes of the final meeting held on 24 May 2016
2. Cardno's Drg showing the sewer pump station location (as part of DA)
3. RD Gossip's Drg showing the sewer pump station location (as part of SIR)

Thank you for your email and your response towards your cooperation, during the approval process, to ensure that there are no unnecessary delays. We the LDA appreciate that.

In reference to your email below, in particular to your outlined dot points, I would appreciate if you could refer to the attached minute (dated 24 May 2016) and my responses below **in red text**.

We have tried our best and had follow up consultations with the authorities (TCCS & Icon Water) and minuted the outcome. We believe that the SIR for minor works was finalised based on the consultations. We did cooperate with TCCS by providing requested studies, analysis and reports during the follow up consultations to finalise the SIR for the minor works.

The Minute dated 24 May 2016 circulated clearly states the following:

Purpose of the Meeting:
As requested by RD Gossip the purpose of the meeting is to provide advice on what Asset Acceptance expectations are to inform the Site Investigation Report (SIR) so that the LDA can organise for the design stage to progress:

1. Finalise details of the traffic impact by the development
2. Finalise viable stormwater options with TAMS
3. Other Items - Minor works to service whole of Block 2
4. Timing of minor works

In our opinion we have involved the authorities from the beginning for this design development

We are now at the DA and design submission stage and we believe that the DA & design for the minor works have accommodated items as per our previous meetings/ consultations held.

Thank you for meeting with Cardno consultant and we will advise the consultant to make DA & Design submissions. Also we believe that meeting at this stage is not necessary since we have had few previous consultations with TCCS and met your requirements.
The consultant will then amend the DA accordingly when comments are received.

Regards

Adrian Arul / **Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
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From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.- **Note that there are two systems (Block 3 is under gravity Blocks 4 & 5 is by rising main). Cardno's drawing and RD Gossip's drawing show the same spot for the pump station.**
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks. - **Refer Minute Item 2, agreed as reserves not easements**
- Path connections to the bus stops on Drakeford Drive. - **Refer Minute Item 4 j)**
- Street lighting – the lighting level has not been adequately addressed in the SIR. – **Refer Minute Item 4 k), existing Mortimer Lewis Drive is minor collector road projected traffic volume is still the same therefore the streetlighting is not required.**
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis—**Refer Minute Item 1 c) & d)**
- Intersection improvement works at the southern intersection with Drakeford Drive – **Refer Minute Item 1 b)**
- Connections to the on-road cycle lane on Drakeford Drive.- **Kerb ramp can be provided to make connection**
- Provision of replacement car parking in the vicinity of the dog park. – **Refer attached Minute Item 4 a)**

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is somethin that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation. **As stated previously it will be the TCCS's responsibility not LDA/ED.**

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved. **As advised in the previous meetings (*11 March 2016, 06 April 2016 & 24 May 2016)* LDA/ED are working on the approved budget and tight time frame for this development and LDA have taken the responsibility in providing minor works to service the blocks.**

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

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I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

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- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

In the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

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- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: [redacted] Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Bell, Jeff
Sent: Monday, 6 February 2017 2:43 PM
To: Pedersen, Andrew
Subject: RE: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Andrew,
The total number of dwellings, across all three sites is expected to be around 350. These will predominantly be 2 and 3 bedroom townhouse type dwellings.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Pedersen, Andrew
Sent: Monday, 6 February 2017 11:15 AM
To: Bell, Jeff
Cc: Hawkins, Robyn; Marshall, Ken
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Jeff,

See below, can you please advise where this development is up to in the process.

Thanks

Andrew Pedersen | Acting Director Assets, Schools and Active Travel
Phone 02 6207 5389 Mobile [redacted] | Email: Andrew.Pedersen@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Marshall, Ken
Sent: Monday, 6 February 2017 10:30 AM
To: Hawkins, Robyn; Pedersen, Andrew
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Andrew,

Is the requested update on a development site is best provided by DRC?

Robyn,

Is there anything to report on the other items relating to traffic that are also listed? Are any of them outstanding or ongoing?

ken

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

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From: Gallo, Renee
Sent: Monday, 6 February 2017 9:46 AM
To: Marshall, Ken
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Ken,

The below email has been forwarded to us from Economic Development. The member of the Tuggeranong Community Council has a number of questions about roads and paths in Tuggeranong. Given the number of questions they have, it might be best for you to have a chat with them. Please let me know how you would like to proceed.

Kind regards,

Renee

From: Lansdown, Simon
Sent: Friday, 3 February 2017 6:02 PM
To: Gallo, Renee
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Renee

Are you able to help with some of the below questions from [redacted] (Convenor North East Greenway Action Group)?

I'm following up with a status update on the proposed building development on Mortimer Lewis Drive, Greenway (Section 28 Greenway) but you may be able to add some info relating to the questions about traffic and roads.

Cheers
Simon

Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] | simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: [redacted]
Sent: Thursday, 2 February 2017 2:46 PM
To: Lansdown, Simon
Subject: RE: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

This information may assist your department Simon, to consult and prepare in advance the necessary changes to this area prior to the commencement of the large building project. Procedures need to be well in place for new residents to prevent accidents or fatalities in this area over the years.

With Kind Regards,

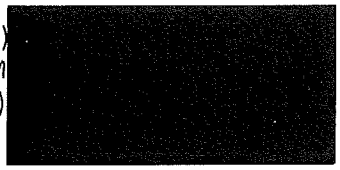
[redacted]

Tuggeranong Community Council

[redacted]

Committee Community, Health, Education and Transport.

Convenor North East Greenway Action Group.


(H)
(M
(E)

From: Pedersen, Andrew
Sent: Monday, 6 February 2017 2:48 PM
To: Marshall, Ken; Hawkins, Robyn
Cc: Flanery, Fleur; Joseph, Gabriel; Bell, Jeff; Narracott, Michelle
Subject: RE: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Ken,

This is an LDA controlled development.

As I understand it they are not intending to do any further upgrades to the road network to support this development. I think this creates some potential issues from a community consultation, safety, amenity perspective (as per original email from the community council).

From a planning process perspective, the next steps are for the LDA to lodge DA's for the 3 new blocks.. As per the normal DA process TCCS will have an opportunity to comment on suitability of the development and the existing infrastructure.

The total number of dwellings, across all three sites is expected to be around 350. These will predominantly be 2 and 3 bedroom townhouse type dwellings.

Regards

Andrew Pedersen | Acting Director Assets, Schools and Active Travel
Phone 02 6207 5389 Mobile [redacted] Email: Andrew.Pedersen@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

ACT Government
Transport Canberra and City Services

Connected services for the people of Canberra

From: Marshall, Ken
Sent: Monday, 6 February 2017 10:30 AM
To: Hawkins, Robyn; Pedersen, Andrew
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Andrew,

Is the requested update on a development site is best provided by DRC?

Robyn,

Is there anything to report on the other items relating to traffic that are also listed? Are any of them outstanding or ongoing?

ken

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: Gallo, Renee
Sent: Monday, 6 February 2017 9:46 AM
To: Marshall, Ken
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Ken,

The below email has been forwarded to us from Economic Development. The member of the Tuggeranong Community Council has a number of questions about roads and paths in Tuggeranong. Given the number of questions they have, it might be best for you to have a chat with them. Please let me know how you would like to proceed.

Kind regards,

Renee

From: Lansdown, Simon
Sent: Friday, 3 February 2017 6:02 PM
To: Gallo, Renee
Subject: FW: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY. [SEC=UNCLASSIFIED]

Hi Renee

Are you able to help with some of the below questions from [redacted] Convenor North East Greenway Action Group)?

I'm following up with a status update on the proposed building development on Mortimer Lewis Drive, Greenway (Section 28 Greenway) but you may be able to add some info relating to the questions about traffic and roads.

Cheers
Simon

Simon Lansdown | Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] | simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: [redacted]
Sent: Thursday, 2 February 2017 2:46 PM
To: Lansdown, Simon
Subject: RE: UPDATE FOR 2017 DEVELOPMENT MORTIMER LEWIS DRIVE, GREENWAY.

Hi Simon,

I would appreciate an update on the building project listed for Mortimer Lewis Drive, Greenway. My report to the first general meeting of the Tuggeranong Community Council for 2017 and to the residents on my list for North East Greenway will require the most recent updates for the project.

I have had a number of issues re the area throughout the years re the road and the lakeside shared paths. meetings will be a priority this year with the various departments to correct the lack of infrastructure re the road and shared paths and other future requirements for this area. I will list some of the issues that have been put forward to date:

a) SOUTH EXIT PRIORITY - Now a priority need to open the southern end of Mortimer Lewis Drive (MLD) for exit to the south of Tuggeranong for residents, visitors from surrounding Tuggeranong suburbs and general tourists to the area. There is one exit (Left only at traffic lights). This has created serious problems for the area over the years due to impatient drivers speeding back to the traffic lights to exit south i.e. Town Centre. When they exit the South end of MLD drivers are required to drive North until they are able to access a turn to then drive South?

b) Visitors and people accessing the "Dog Park" at the South end of Mortimer Lewis Drive created a problem of "jumping the highway". I raised this dangerous problem with the Director of Roads, Tony Gill, who took action immediately and organised his staff to place a barrier on the centre section of the road!

c) I had the assistance of Roads Director, Tony Gill to install two road signs on Mortimer Lewis Drive. a) Turn Left Only – at the
South end of (MLD) and b) No Through Road – erected at section of De Little Circuit and MLD.

d) STOP SIGNS – will now be a priority at both exits of John Young Crescent with the possibility for added stop signs at the smaller section exits.

e) The sections of "blind bends" at present on Mortimer Lewis Drive creates problems for residents and this will be a very difficult and serious problem for the added traffic from 2017.

f) Footpaths will need to be added to this area on the section parallel to Drakeford Drive for residents to walk in safety along this major road from bus stops.

g) Dual paths are a priority for the safety of all residents of Tuggeranong and visitors to the lake and for residents to access daily bus travel, particularly at night!

h) The bus stop for travel to the City area is now a walking distance of over a kilometre for residents. This has to be revised for safety and security, particularly to take into account the short winter days and night security. Residents of all ages must walk the distance to Athllon Drive to access this bus stop. The bus stops (both sides of Athllon Drive) are also on the other West side of the lake (near Learmonth Street, Kambah)? An under road walkway to access the North side of Athllon Drive to the bus stop (now has a sign re possible closure)? This will create further problems for residents?

This information may assist your department Simon, to consult and prepare in advance the necessary changes to this area prior to the commencement of the large building project. Procedures need to be well in place for new residents to prevent accidents or fatalities in this area over the years.

With Kind Regards,
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Tuggeranong Community Council
Public Officer, Second Vice President
Committee Community, Health, Education and Transport.

Convenor North East Greenway Action Group.
(H) 02[redacted]
(M) 04[redacted]
(E)[redacted]

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Cc: Flanery, Fleur; Joseph, Gabriel; Bell, Jeff; Narracott, Michelle
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Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
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Tuggeranong Community Council
Public Officer, Second Vice President
Committee Community, Health, Education and Transport.

Convenor North East Greenway Action Group.
(H) [redacted]
(M)
(E)

From: Joseph, Gabriel
Sent: Tuesday, 29 March 2016 8:01 AM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Yes David. We had an initial meeting with LDA and the consultant. We have asked for whole lot of information about Traffic, Hydraulics, parking etc. We are waiting for the initial report. ACT Housing is only a very small component of the overall proposed residential development. I will let you know more when I they come back.

Gabriel

From: Roulston, David
Sent: Tuesday, 29 March 2016 7:38 AM
To: Joseph, Gabriel
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: Re: GreenwayEaste green way development-Mortimer Lewis Drive

Gabriel,

Did we receive any advice on this estate?

Regards

David Roulston MAIPM CPPD
Director
Operational Support Branch

Sent from my iPhone

On 4 Mar 2016, at 11:26 AM, Joseph, Gabriel <Gabriel.Joseph@act.gov.au> wrote:

> Yes David.
>
> The Project manager is LDA and I have been informed that they are still under the information gathering mode and once they have sufficient information they will consult with us. I thought I told you this verbally, sorry for not advising in writing.
>
> Gabriel
>
> ---
>
> **From:** Roulston, David
> **Sent:** Friday, 4 March 2016 9:55 AM
> **To:** Joseph, Gabriel
> **Cc:** Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
> **Subject:** RE: GreenwayEaste green way development-Mortimer Lewis Drive
>
> Any feedback on this one Gabriel
>
> **Regards,**

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION |
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE | ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au <image001.png>

" Helping you to build our community"

<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 1:51 PM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: FW: GreenwayEaste green way development-Mortimer Lewis Drive

David

I have gathered the following information on the issue.

The Taskforce project manager will provide me with the name of the TAMS rep that they've been dealing with.

At this stage, there is a proposal to develop approximately 26 units on the south end of Section 28 Greenway (see attached map and site capacity). A Development Application is expected to be submitted in mid-2016 with construction commencing, subject to DA approval, end-2016.

There are wider implications with regard to servicing the entirety of Section 28 but someone from the project team will get back to me about this. Timing on the DA for the site servicing is expected March/April 2016 with work commencing October 2016.

They are giving an update to the Tuggeranong Community Council on Tuesday. Details should be on their website by COB today.

I'll let you know when I hear back from the project manager.

Gabriel

From: Silver, Sharni
Sent: Friday, 26 February 2016 9:51 AM
To: Joseph, Gabriel
Cc: Lansdown, Simon
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Hi Gabriel

Sharni

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 8:42 AM
To: Johns, Peter
Subject: GreenwayEaste green way development-Mortimer Lewis Drive

Hi peter

I have left a message to call me back. Could you please shed some light about the proposed development in this area. I am made to understand this is one of the ACT Housing projects. The residents have started asking TAMS a lot of questions about traffic impacts due to this development. We have no records of anyone discussing this project with us and yet we have a feeling that the residents are fully aware of what is being proposed.

Could you please update with some key information including the current status of the project. It will also be good to nominate a contact person from your area so that we can direct these queries to you for the time being, (until we become fully involved)

Regards

GABRIEL JOSEPH
SENIOR MANAGER ASSET ACCEPTANCE
IAMS | IRAPT|TAMS| ACT GOVERNMENT
PH: +61 2 6207 6581 | FAX: +61 2 6207 7484 |
gabriel.joseph@act.gov.au
'GREAT SERVICES- QUALITY ASSETS- BETTER LIFESTYLE'

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Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
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ACT Government Territory and Municipal Services

PMCOP GOLD CORPORATE MEMBER

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gabriel.joseph@act.gov.au
"GREAT SERVICES- QUALITY ASSETS- BETTER LIFESTYLE"

From: Bell, Jeff
Sent: Friday, 10 March 2017 10:47 AM
To: Day, Michael; Clancy, Maree
Cc: Cloos, Karl
Subject: RE: HP Records Manager Notification - Action Overdue. Draft Response [SEC=UNCLASSIFIED]
Attachments: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Mike,
The LDA has come back to us and said that they will respond directly to [redacted] and that TCCS needs to respond to the ministerial (see attached).

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

-----Original Message-----
From: Day, Michael
Sent: Tuesday, 7 March 2017 3:56 PM
To: Clancy, Maree
Cc: Bell, Jeff; Cloos, Karl
Subject: FW: HP Records Manager Notification - Action Overdue. Draft Response [SEC=UNCLASSIFIED]

Maree

Following a meeting I attended last Wednesday with Jeff Bell, Karl Kloos and a guy from LDA I am pretty sure that the LDA are supposed to be dealing with this. If you recall I sent you an email when I first got this one asking how to get it reallocated to LDA.

Mike

-----Original Message-----
From: Records Manager [mailto:RecordsManager8.1@act.gov.au]
Sent: Tuesday, 7 March 2017 2:43 PM
Subject: HP Records Manager Notification - Action Overdue. Draft Response

Action: Draft Response
Responsible Location: Day, Michael
Due Date: 2017-03-07 at 14:36
This Action is overdue. It was due on 2017-03-07 at 14:36.
Could you please ensure the status of this Action is addressed as a matter of urgency.

This email Message has been automatically generated by HP Records Manager (TAMS Ministerial).

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Follow Up Flag: Follow up
Due By: Tuesday, 7 March 2017 11:00 AM
Flag Status: Flagged

Hi Jeff

I will respond to an email which came directly to me from [redacted] (see below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

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Simon Lansdown| Manager, Community Engagement
Office of the Director-General, Economic Development, Land Development Agency
Chief Minister, Treasury and Economic Development Directorate | ACT Government
Phone 02 6205 2980 | Mobile [redacted] |simon.lansdown@act.gov.au
Level 6 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601
www.economicdevelopment.act.gov.au | www.lda.act.gov.au

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From: Bell, Jeff
Sent: Thursday, 2 March 2017 1:28 PM
To: Arul, Adrian; Lansdown, Simon
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Adrian/Simon,
The following email correspondence and attached document provide the background to yesterday's meeting. As discussed, can you please prepare a draft response to the Tuggeranong Community Council's concerns. We will then review and amend it to include any relevant input from TCCS before the response is formalised.

Can you please copy Karl Cloos when you respond?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Joseph, Gabriel
Sent: Monday, 27 February 2017 12:22 PM
To: Jatheendran, Lingam; Bell, Jeff
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Jeff/Lingam

Can you please advise.

Regards

Gabriel Joseph FIEAust CPEng NER| Senior Manager Development Review & Coordination
Phone 02 6207 6581 | Email: gabriel.joseph@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
496 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Cloos, Karl
Sent: Monday, 27 February 2017 10:42 AM
To: Joseph, Gabriel
Cc: Zeta, Darwin; Pincombe, Neil; Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Gabriel

Could you please provide advise on this submission. Is the LDA going to provide a traffic controlled intersection at the southern end of Lewis Mortimer to allow north and south exiting at this point as part of the proposed development in the north east corner of Greenway?

This is not on Roads ACT's Capital Works program

Regards

Karl Cloos

Karl Cloos, Senior Manager Strategic Planning and Development
Phone: 02 6207 6871 | Email: karl.cloos@act.gov.au
Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | Locked Bag 2000 Civic Square ACT 2608 | www.act.gov.au

ACT Government
Transport Canberra and City Services

From: Marshall, Ken
Sent: Monday, 27 February 2017 10:04 AM
To: Cloos, Karl
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Karl,

For review/advice/discussion

Ken Marshall | Director, Roads ACT
Phone 02 62 076588 | Email: ken.marshall@act.gov.au
Roads and Infrastructure, Roads ACT | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham ACT 2602 | Locked Bag 2000, Civic Square ACT 2608 | www.act.gov.au

From: [redacted]
Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

Hi Ken,

Thank you for your attendance at the meeting on Monday 20th February [redacted]

This is the submission that I mentioned to you on Monday. I was advised that it had to be sent to Minister Mick Gentleman first, usually I submitted first to Tony Gill, so I have certainly forwarded to Mick Gentleman. As a Tuggeranong MLA for a number of years I have always found Minister Gentleman has attended our TCC meetings regularly and provided reports to the residents. I do hope that this submission will now start the necessary changes for the redesign of the south exit of Mortimer Lewis Drive/Drakeford Drive.

I look forward to your comments re this submission.

With Kind Regards,
[redacted]

From: [redacted]
Sent: Saturday, 25 February 2017 12:15 PM
To: 'gentleman@act.gov.au'
Subject: TCC_Submission Mortimer Lewis Drice_2 0.docx

Minister Mick Gentleman MLA

Dear Mick,

I have attached a submission for your perusal and consideration. This submission I have also put before our TCC Committee on Thursday, 23rd February, 2017 and had unanimous support from the Committee. [redacted] as President advised my submission would also be lodged with any additional comments by our Committee.

As a resident of North East Greenway since 2008 (after residing in Canberra from 1964) and finding a major lack of infrastructure in this lakeside area [redacted] North East Greenway Action Group. The residents in this area have been most patient throughout the years but now find that the large housing developments and the extra traffic problems that will arise from this development area will certainly add to the already dangerous narrow blind bends road. We have a sea scout hall that is used for many other purposes and the blind bends create problems for vehicles exiting the sea scout hall car park (with children) along with the two children's playground car parks, the residents also have problems exiting their sections to Mortimer Lewis Drive.

I do hope that this submission will be seriously considered by your department to prepare the main road of Mortimer Lewis Drive, North East Greenway for safe travel for all for the future years.

I look forward to your presentation and update of the Tuggeranong region at our TCC meeting on Tuesday, 7th March.

With Kind Regards,
[redacted]

From: Lansdown, Simon
Sent: Friday, 3 March 2017 7:54 PM
To: Bell, Jeff; Arul, Adrian
Subject: RE: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx [SEC=UNCLASSIFIED]

Follow Up Flag: Follow up
Due By: Tuesday, 7 March 2017 11:00 AM
Flag Status: Flagged

Hi Jeff

I will respond to an email which came directly to me from [redacted] (see below). Given the request you sent seems to be directed to TCCS, the response should also come from TCCS.

Hi Simon,

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Can you please copy Karl Cloos when you respond?

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Connected services for the people of Canberra

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Sent: Saturday, 25 February 2017 12:49 PM
To: Marshall, Ken
Subject: FW: TCC_Submission 4 Mortimer Lewis Drice_2 0.docx

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[redacted]

From: [redacted]
Sent: Tuesday, 21 February 2017 12:10 PM
To: Bell, Jeff
Cc: [redacted] Arul, Adrian
Subject: RE: Mortimer Lewis Drive - Greenway Left Slip Lane [SEC=UNCLASSIFIED]
Attachments: 2016 AM Mortimer Lewis Drive - Drakeford Dr S - Existing.pdf; 2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development.pdf; 2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development CDNO.PDF; 2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development and Upg....pdf

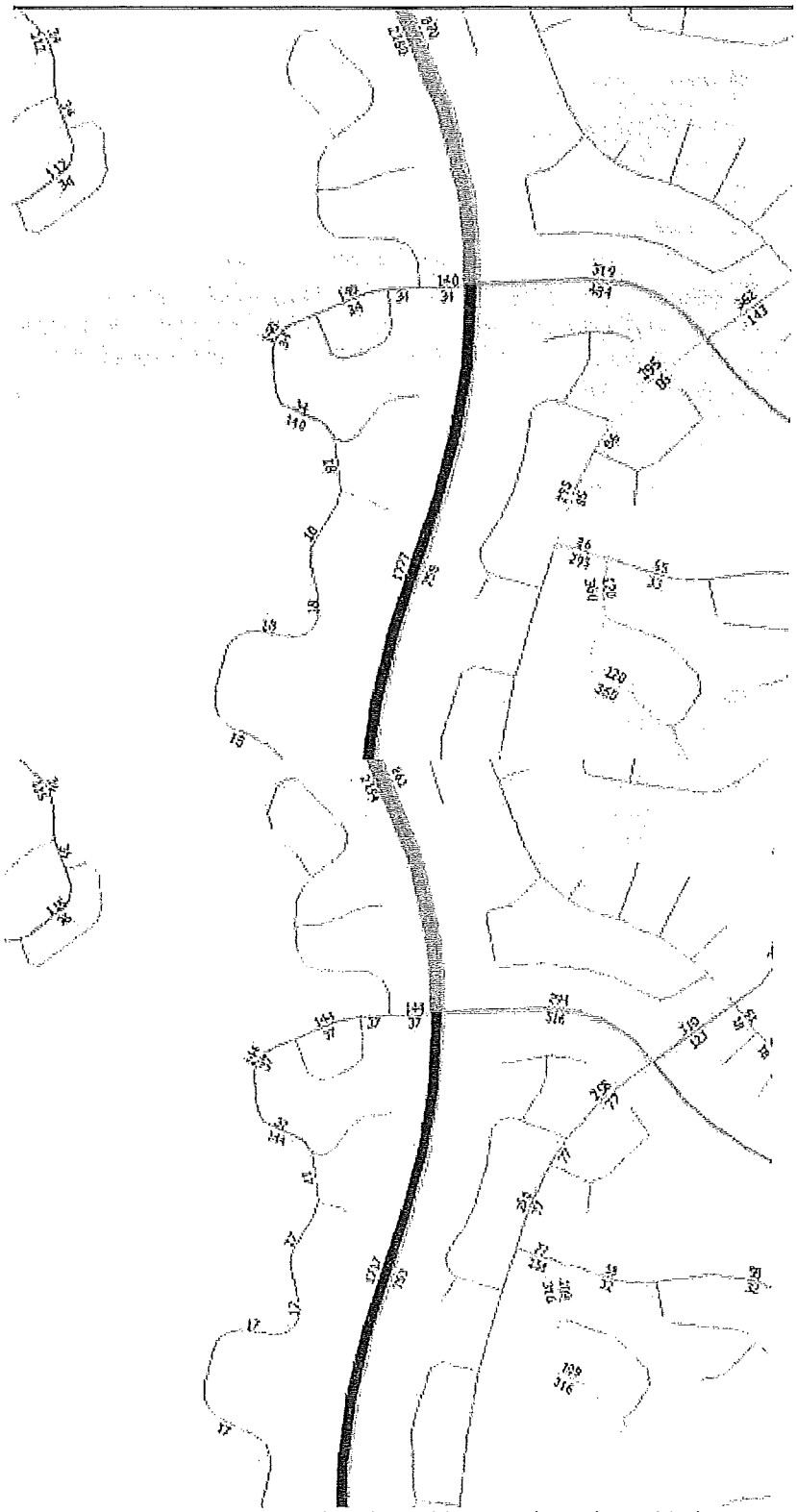
Follow Up Flag: Follow up
Due By: Thursday, 2 March 2017 9:30 AM
Flag Status: Flagged

Jeff,

Further to your email below and subsequent correspondence with John, we have undertaken the SIDRA modelling on the Mortimer Lewis Drive/Taverner St/Drakeford Drive intersection. We have based our modelling on the information obtained from both the ACT Government's EMME model and SCATS data obtained from Roads ACT.

As advised below, we have modelled both the base model (2016) and 2024 with the assumption of 80% of the northbound vehicles from the new estate to come through Mortimer Lewis Drive and turn left onto Drakeford Drive. The other 20% is assumed to use the southern Mortimer Lewis Dr/Drakeford Dr intersection and head north on Drakeford Dr, thereby adding traffic to the southern leg of the northern intersection.

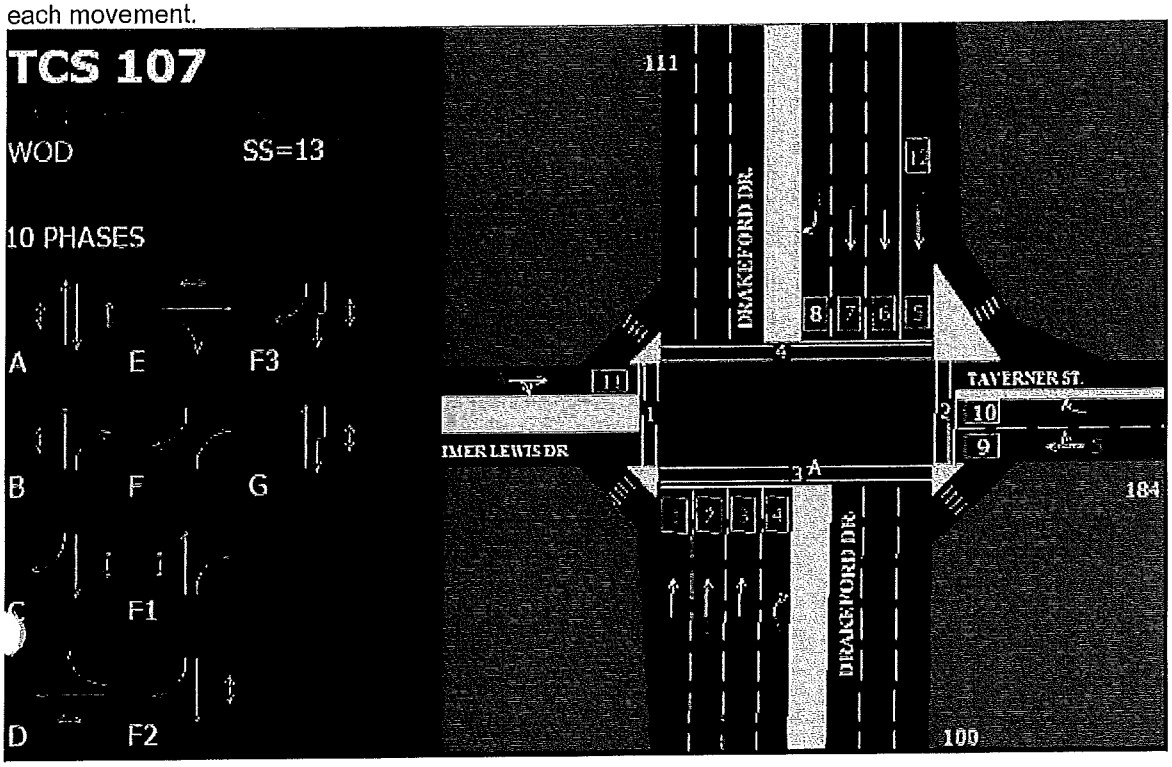
EMME Model
2011 AM Peak 2031 AM Peak



The EMME model suggests that the subject are is projected to have varying rates of growth with Drakeford Drive showing negative growth whilst Mortimer Lewis Dr and Taverner St has very minimal growth over the period. Traffic growth is summarised in the table below:

	Growth Rate (per annum)
Drakeford Drive (North)	-0.05%
Drakeford Drive (South)	-0.17%
Mortimer Lewis Drive	0.14%
Taverner Street	0.32%

Traffic data was obtained from Roads ACT for a period of 1 week (31 Oct 2016 – 06 Nov 2016). Disregarding data from Saturday and Sunday, traffic data was averaged over the week to obtain the AM and PM peak traffic volumes for each movement.



Peak Hour Traffic					Bus Only					
Movement	1	2	3	4	5	6	7	8	9	10
AM	423	763	480	26	5	342	311	15	151	159
PM	320	325	200	39	4	725	727	54	98	87

It is noted that no detectors are present on all the left slip lanes so the left turn movements for all legs were adopted from the traffic counts in the RD Gossip traffic report. The resulting traffic inputs therefore is shown below. It is also noted that the critical movements will be during the AM peak and is therefore shown on the modelling provided.

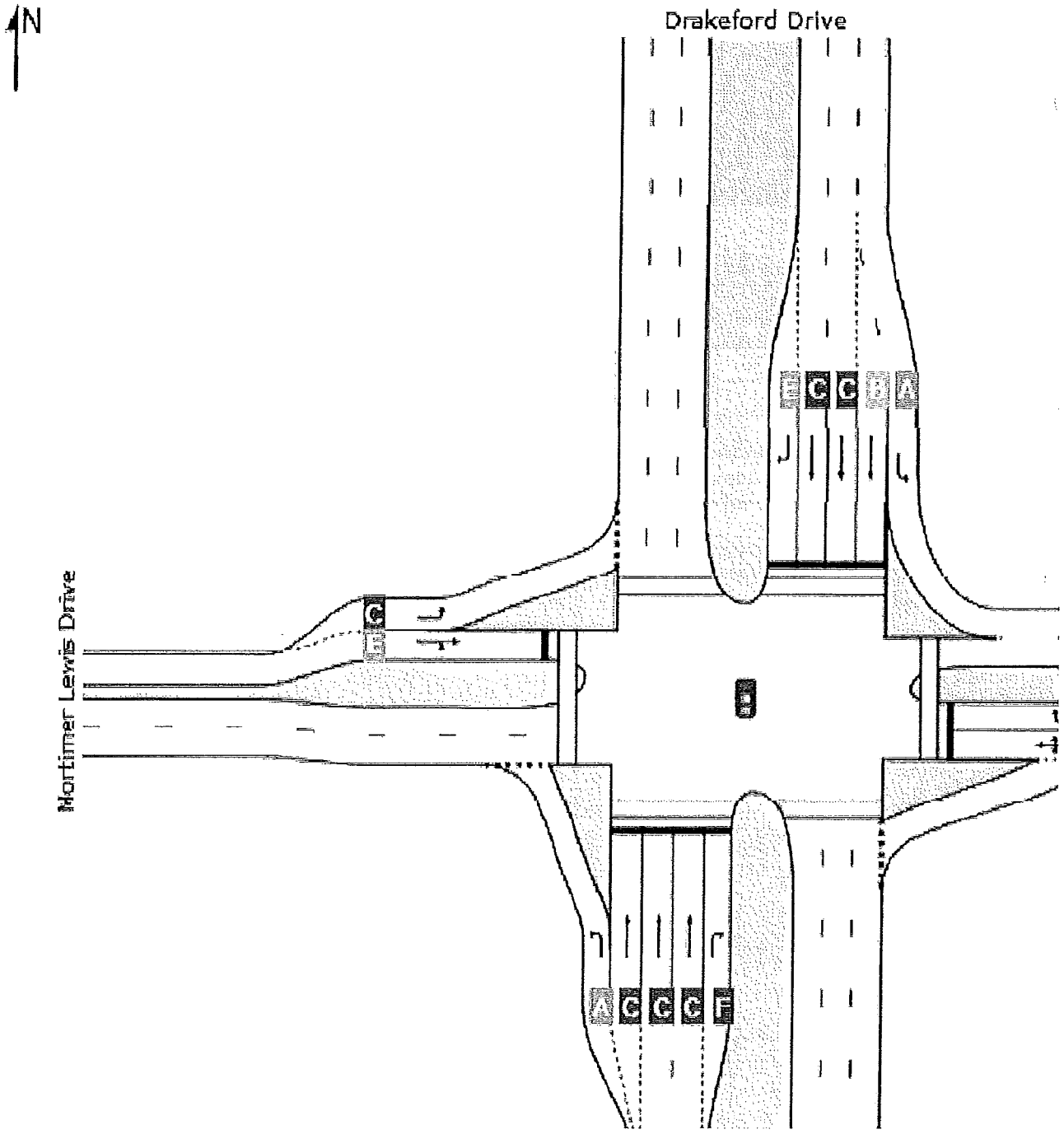
Roads ACT's current phasing of 140 second cycle time and a phase sequence of A-D-E-F-G, indicates stresses are present on the right turn lanes of the north, south and eastern legs with the southern leg's right turn lane showing a Level of Service of F.

Site: 101 [2016 AM Mortimer Lewis Drive - Drakeford Dr S - ALL PH/

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequen

All Movement Classes

	South	East	North	West	Intersection
LOS	C	E	B	C	C



2024 Future Scenario

The model incorporates the following future scenarios during the AM peak:

1. Existing traffic flows with the applied growth rates calculated from the EMME strategic model. (Refer 2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development)
2. Additional traffic flow generated from the proposed development is described as:
    a. 350 proposed dwelling yields within 3 MU sites (6 veh/day/dwelling equates to a total of 1,830 vehicles daily).
    b. The outgoing traffic during the AM peak is taken as 10% of the total daily traffic generation (183 vehicles) whilst the incoming traffic is taken as 2.5% of the daily traffic (46 vehicles)
    c. The destination for the generated vehicles is assumed to be split by 75%-18%-7% heading north (Civic/Woden), south (Tuggeranong Town Centre) and east (Taverner St for local traffic), based on the traffic modelling previously undertaken by RD Gossip. This translates to 110veh are northbound, 55veh are southbound and 18veh are eastbound.
    d. Based on TCCS advice, the scenario to be considered for the intersection is that 80% (88veh) of the northbound vehicles from the proposed development will travel along Mortimer Lewis Drive to use the left slip lane onto Drakeford Drive. The remaining 20% (22veh) of the northbound vehicles is assumed to use the southern intersection of Mortimer Lewis Drive/Drakeford Drive (left-in/left out T-intersection) thereby adding to the southern approach flow of the Mortimer/Taverner/Drakeford intersection.
    e. Due to its the current left-in/left out configuration vehicles travelling south will be unable to use the southern Mortimer Lewis/Drakeford Drive intersection, and will therefore utilise the Mortimer/Taverner/Drakeford Drive intersection to the north.
    f. For the sake of conservatism, it is further assumed that the 7% of the eastbound traffic (13veh) will utilise the Mortimer/Taverner/Drakeford Drive intersection to generate the through movement of the eastern leg.
3. No additional length on the western leg's left slip lane is assumed. (Refer 2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development)
4. Full development with the incorporation of the extension of the slip lane (Refer 2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development and Upgrade).

SIDRA Results

Based on the modelling undertaken, the following results have been obtained:

	Demand Flow on Mortimer Lewis Drive (veh/h)	Level of Service	Average Delay (sec)	Queue Distance (m)
2016 AM Base Scenario	174	C	30.0	27.2
2024 AM Scenario (No Development)	176	C	29.9	27.7
2024 AM Scenario (with Development) – No slip lane extension	359	C	34.3	73.7
2024 AM Scenario (with Development) – Slip lane extension	359	C	32.8	66.2

From the above results, the 2024 AM model shows no change in the level of service and average delay for the western leg (Mortimer Lewis Drive). There is however a noticeable increase in the queue length with the increase in traffic volume at the intersection. The queue lengths for both the development scenarios have been measured to extend to the DeLittle Circuit intersecton.

The above modelling clearly demonstrates that there is no advantage in extending the slip lane as queueing will still end up at the DeLittle intersection. It may therefore be more advantageous and cost effective to install "Keep Clear" linemarking across the Mortimer Lewis Drive/DeLittle Circuit intersection instead to prevent delays for vehicles turning right from Mortimer Lewis Drive to DeLittle Circuit.

Please let us know what you think and if you wish us to include this as part of our works.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Bell, Jeff [mailto:Jeff.Bell@act.gov.au]
Sent: Thursday, 12 January 2017 5:16 PM
To: [redacted]
Subject: RE: Mortimer Lewis Drive - Greenway Left Slip Lane [SEC=UNCLASSIFIED]

Hi John,
TCCS have reviewed your assessment of the proposed extension of the left slip lane at the intersection of Mortimer Lewis Drive and Drakeford Drive. TCCS accepts your argument regarding the physical usability of the extended slip lane and agree that the proposed extension does not provide any tangible benefit for left turning vehicles. Based on the information that you have provided, TCCS does not require the slip lane to be extended; however, you will need to confirm that retaining the existing slip lane length will still allow the intersection to work effectively for the 2024 traffic volumes, using the scenario of 80% of northbound vehicles using this intersection.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: [redacted]
Sent: Thursday, 8 December 2016 8:12 AM
To: Bell, Jeff
Cc: [redacted]
Subject: Mortimer Lewis Drive - Greenway Left Slip Lane

Hi Jeff,

Following our meeting and subsequent discussions, I provide the following as our response in relation the extension of the left hand turn lane at the Northern intersection of Mortimer Lewis Drive and Drakeford Drive.

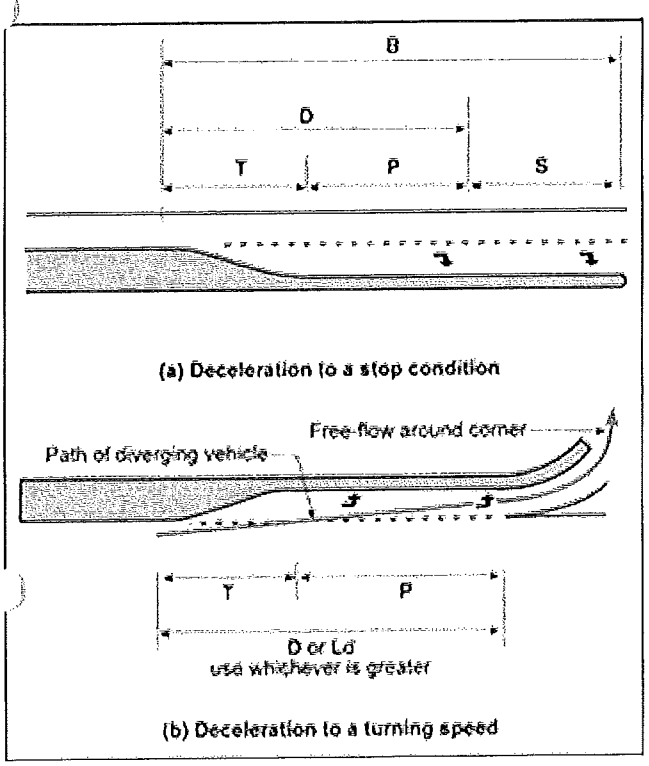
As previously advised, an extension of the left hand turn lane does not appear to offer a substantial benefit in increasing the level of service (LOS) at this intersection in comparison to the capital expenditure.

The following points have been considered in relation to the merits of this proposed upgrade:

1. The cost involved in the design and construction of the upgrade.
   1.1 The area of open space behind the intersection is on a steep batter and will require substantial earthworks given the scale of the works.
   1.2 The impact on existing infrastructure i.e. relocation of existing watermain, relieving slab over the existing gas and electrical mains, relocation of the existing street light and associated cables and additional stormwater infrastructure.
   1.3 Relocation of the existing footpath would be necessary.
   1.4 Possible removal of a large mature tree.
   1.5 The new pavement, kerbing and subsoil drainage.
   1.6 Temporary traffic and pedestrian/cyclist management.
   1.7 It is Cardno's estimate that the cost of these works would be approx. $200,000.

2. The physical usability of the extension by motorists.
   2.1 Refer to the attached turning templates undertaken for both a passenger vehicle and 12.5m truck. These templates have been run at 10km/hr, 20km/hr and 40km/hr for the intersection to simulate likely approach and negotiation speeds.
   2.2 It can be seen from these turning templates that the extension of the slip lane has a negligible benefit in relation to increasing storage.

3. Non-compliance with Austroads for left turn auxiliary lanes at signalised intersections.
   3.1 Table 5.2 (repeated below) shows for a 3.0m wide lane, the length of the Auxiliary lane should be 27m.



Design speed of approach			eration D – Length of decel including diverge taper T								Diver L ge length	
Road (km/h)	0 Comf.	0 Max.	20	30	40	50	60	70	80	90	3.5 m^4	3.0 m^4
			ble average Comforta rate of de celeration									
50	40	30	30	25	15						33	27
60	55	40	50	40	30	15					40	33
70	75	55	70	60	50	40	20				47	40
80	100	70	95	85	75	60	45	25			54	44
90	125	90	120	110	100	85	70	50	25		60	50

100	155	110	150	140	130	115	100	80	55	30	67	57
110	185	135	180	175	160	150	130	110	90	60	74	62

We trust that the above is sufficient justification of the limited value this augmentation would provide in relation to traffic flow in comparison to the capital costs.

We would welcome TCCS's review of the above and input into the outcome.

Feel free to call me directly on the below number(s) if you wish to discuss further.

Kind regards,

[redacted]
SENIOR CIVIL ENGINEER
PRINCIPAL
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4527 Mobile [redacted]
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

CONNECT WITH CARDNO

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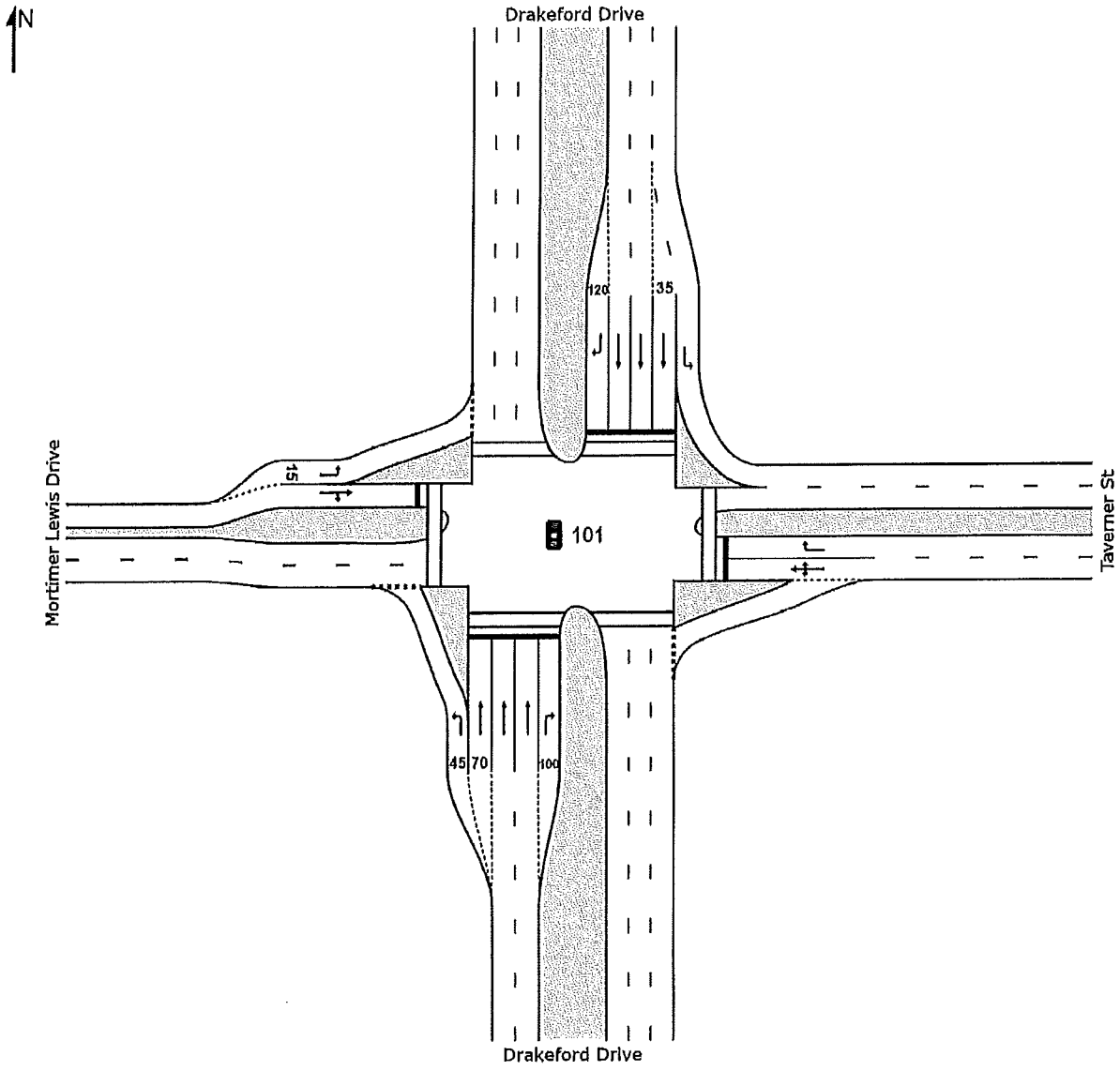
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SITE LAYOUT

Site: 101 [2016 AM Mortimer Lewis Drive - Drakeford Dr S - ALL PHASES]

New Site
Signals - Fixed Time Isolated



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Organisation: CARDNO (QLD) PTY LTD | Created: Monday, 13 February 2017 12:29:32 AM
Project: N:\Projects\505\FY17\027_Greenway S33 B3,4 & 5\Des-An\Traffic\Mortimer-Drakeford 20170213.sip7

MOVEMENT SUMMARY

Site: 101 [2016 AM Mortimer Lewis Drive - Drakeford Dr S - ALL PHASES]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

Movement Performance - Vehicles

Mov ID	OD Mov	Demand Flow Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
South: Drakeford Drive											
1	L2	23	2.0	0.015	7.9	LOS A	0.1	0.8	0.13	0.63	59.0
2	T1	1666	5.0	0.655	24.8	LOS C	30.8	225.0	0.71	0.73	46.9
3	R2	26	2.0	0.335	82.0	LOS F	1.8	13.1	1.00	0.71	24.6
Approach		1715	4.9	0.655	25.5	LOS C	30.8	225.0	0.71	0.73	46.5
East: Tavemer St											
4	L2	13	5.0	0.660	70.0	LOS E	10.7	77.8	1.00	0.84	26.6
5	T1	3	0.0	0.660	64.4	LOS E	10.7	77.8	1.00	0.84	27.8
6	R2	307	5.0	0.660	69.7	LOS E	10.7	78.3	1.00	0.83	26.7
Approach		323	5.0	0.660	69.6	LOS E	10.7	78.3	1.00	0.83	26.7
North: Drakeford Drive											
7	L2	201	2.0	0.109	7.6	LOS A	0.0	0.0	0.00	0.60	64.0
8	T1	658	6.0	0.352	25.0	LOS C	13.5	98.4	0.65	0.67	46.8
9	R2	11	2.0	0.140	80.5	LOS F	0.8	5.4	0.99	0.68	27.1
Approach		870	5.0	0.352	21.7	LOS C	13.5	98.4	0.51	0.66	49.1
West: Mortimer Lewis Drive											
10	L2	133	2.0	0.173	17.6	LOS B	3.8	27.2	0.50	0.69	49.2
11	T1	13	2.0	0.255	66.3	LOS E	2.7	19.2	0.97	0.73	27.2
12	R2	28	2.0	0.255	72.0	LOS E	2.7	19.2	0.97	0.73	29.0
Approach		174	2.0	0.255	30.0	LOS C	3.8	27.2	0.61	0.70	42.2
All Vehicles		3082	4.8	0.660	29.3	LOS C	30.8	225.0	0.68	0.72	43.8

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Intersection and Approach LOS values are based on average delay for all vehicle movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Movement Performance - Pedestrians

Mov ID	Description	Demand Flow ped/h	Average Delay sec	Level of Service	Average Pedestrian Back of Queue ped	Distance m	Prop. Queued	Effective Stop Rate per ped
P11	South Stage 1	53	61.4	LOS F	0.2	0.2	0.94	0.94
P12	South Stage 2	53	58.6	LOS E	0.2	0.2	0.92	0.92
P2	East Full Crossing	53	21.8	LOS C	0.1	0.1	0.56	0.56
P31	North Stage 1	53	64.3	LOS F	0.2	0.2	0.96	0.96
P32	North Stage 2	53	64.3	LOS F	0.2	0.2	0.96	0.96
P4	West Full Crossing	53	21.2	LOS C	0.1	0.1	0.55	0.55
All Pedestrians		316	48.6	LOS E			0.81	0.81

Level of Service (LOS) Method: SIDRA Pedestrian LOS Method (Based on Average Delay)
Pedestrian movement LOS values are based on average delay per pedestrian movement.
Intersection LOS value for Pedestrians is based on average delay for all pedestrian movements.

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LANE LEVEL OF SERVICE

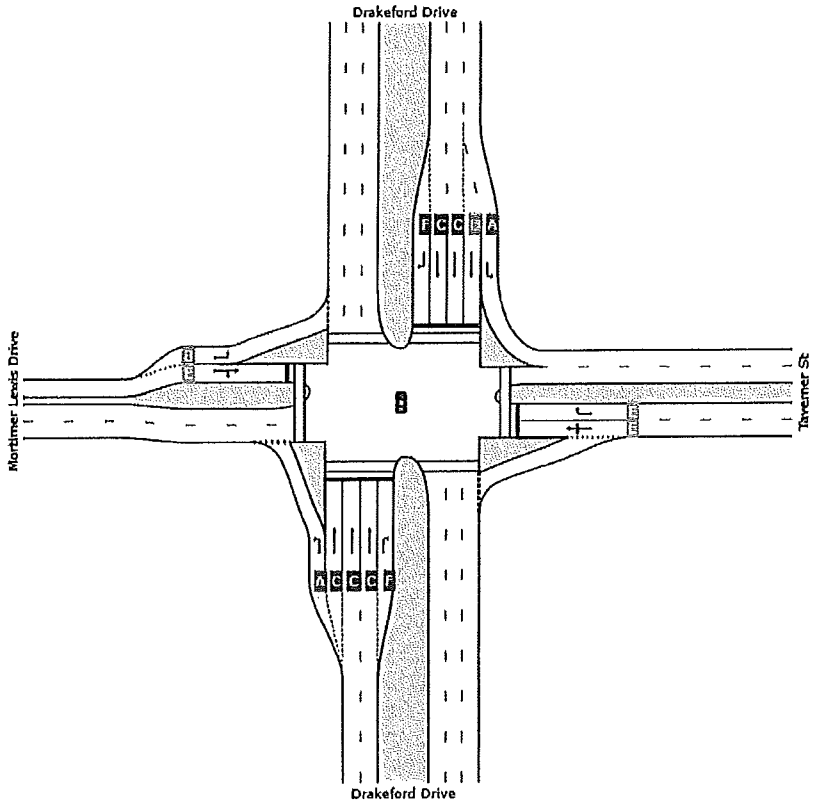
Lane Level of Service

Site: 101 [2016 AM Mortimer Lewis Drive - Drakeford Dr S - ALL PHASES]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

All Movement Classes

	South	East	North	West	Intersection
LOS	C	E	C	C	C

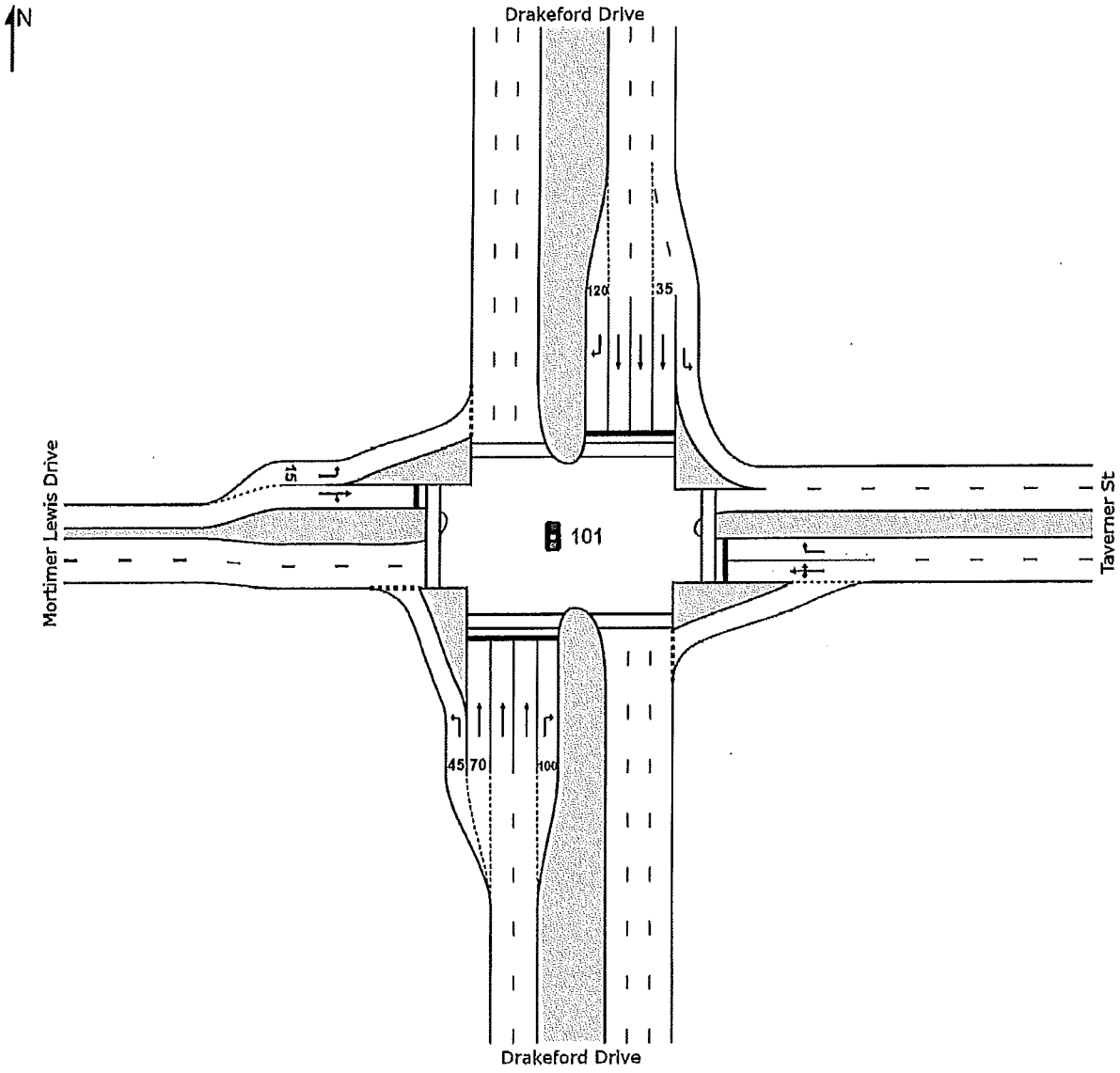


Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Lane LOS values are based on average delay per lane.
Intersection and Approach LOS values are based on average delay for all lanes.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

SITE LAYOUT

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development CDNO]

New Site
Signals - Fixed Time Isolated



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Organisation: CARDNO (QLD) PTY LTD | Created: Monday, 13 February 2017 1:31:51 AM
Project: N:\Projects\505\FY17\027_Greenway S33 B3,4 & 5\Des-An\Traffic\Mortimer-Drakeford 20170213.sip7

MOVEMENT SUMMARY

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development CDNO]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

Movement Performance - Vehicles

Mov ID	OD Mov	Demand Total veh/h	Flows HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
South: Drakeford Drive											
1	L2	23	2.0	0.015	6.2	LOS A	0.1	0.8	0.13	0.57	53.7
2	T1	1643	5.0	0.653	23.2	LOS C	30.6	223.1	0.72	0.64	43.4
3	R2	26	2.0	0.335	80.5	LOS F	1.8	13.1	1.00	0.71	23.5
Approach		1692	4.9	0.653	23.9	LOS C	30.6	223.1	0.72	0.65	43.1
East: Tavernier St											
4	L2	13	5.0	0.643	68.9	LOS E	10.8	78.8	0.99	0.83	25.9
5	T1	3	0.0	0.643	63.2	LOS E	10.8	78.8	0.99	0.83	26.2
6	R2	315	5.0	0.643	68.4	LOS E	10.9	79.3	1.00	0.83	26.0
Approach		331	5.0	0.643	68.4	LOS E	10.9	79.3	1.00	0.83	26.0
North: Drakeford Drive											
7	L2	200	2.0	0.109	5.6	LOS A	0.0	0.0	0.00	0.53	54.1
8	T1	655	6.0	0.356	23.5	LOS C	13.6	99.3	0.66	0.58	43.3
9	R2	15	2.0	0.191	79.4	LOS E	1.0	7.5	0.99	0.69	25.8
Approach		870	5.0	0.356	20.4	LOS C	13.6	99.3	0.52	0.57	44.6
West: Mortimer Lewis Drive											
10	L2	135	2.0	0.176	17.6	LOS B	3.9	27.7	0.50	0.69	46.1
11	T1	13	2.0	0.255	66.3	LOS E	2.7	19.2	0.97	0.73	25.9
12	R2	28	2.0	0.255	72.0	LOS E	2.7	19.2	0.97	0.73	27.9
Approach		176	2.0	0.255	29.9	LOS C	3.9	27.7	0.61	0.70	39.9
All Vehicles		3069	4.8	0.653	28.0	LOS C	30.6	223.1	0.68	0.65	40.7

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Intersection and Approach LOS values are based on average delay for all vehicle movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Movement Performance - Pedestrians

Mov ID	Description	Demand Flow ped/h	Average Delay sec	Level of Service	Average Back of Queue Pedestrian ped	Average Back of Queue Distance m	Prop. Queued	Effective Stop Rate per ped
P11	South Stage 1	53	60.5	LOS F	0.2	0.2	0.93	0.93
P12	South Stage 2	53	57.7	LOS E	0.2	0.2	0.91	0.91
P2	East Full Crossing	53	22.3	LOS C	0.1	0.1	0.57	0.57
P31	North Stage 1	53	64.3	LOS F	0.2	0.2	0.96	0.96
P32	North Stage 2	53	64.3	LOS F	0.2	0.2	0.96	0.96
P4	West Full Crossing	53	21.8	LOS C	0.1	0.1	0.56	0.56
All Pedestrians		316	48.5	LOS E			0.81	0.81

Level of Service (LOS) Method: SIDRA Pedestrian LOS Method (Based on Average Delay)
Pedestrian movement LOS values are based on average delay per pedestrian movement.
Intersection LOS value for Pedestrians is based on average delay for all pedestrian movements.

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LANE LEVEL OF SERVICE

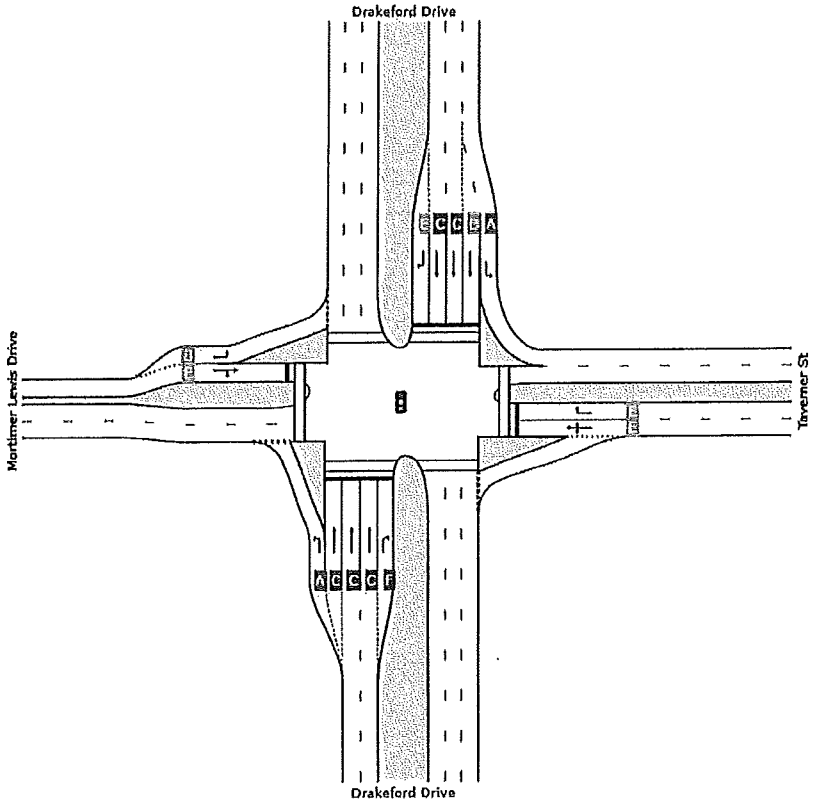
Lane Level of Service

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - No Development CDNO]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

All Movement Classes

	South	East	North	West	Intersection
LOS	C	E	C	C	C

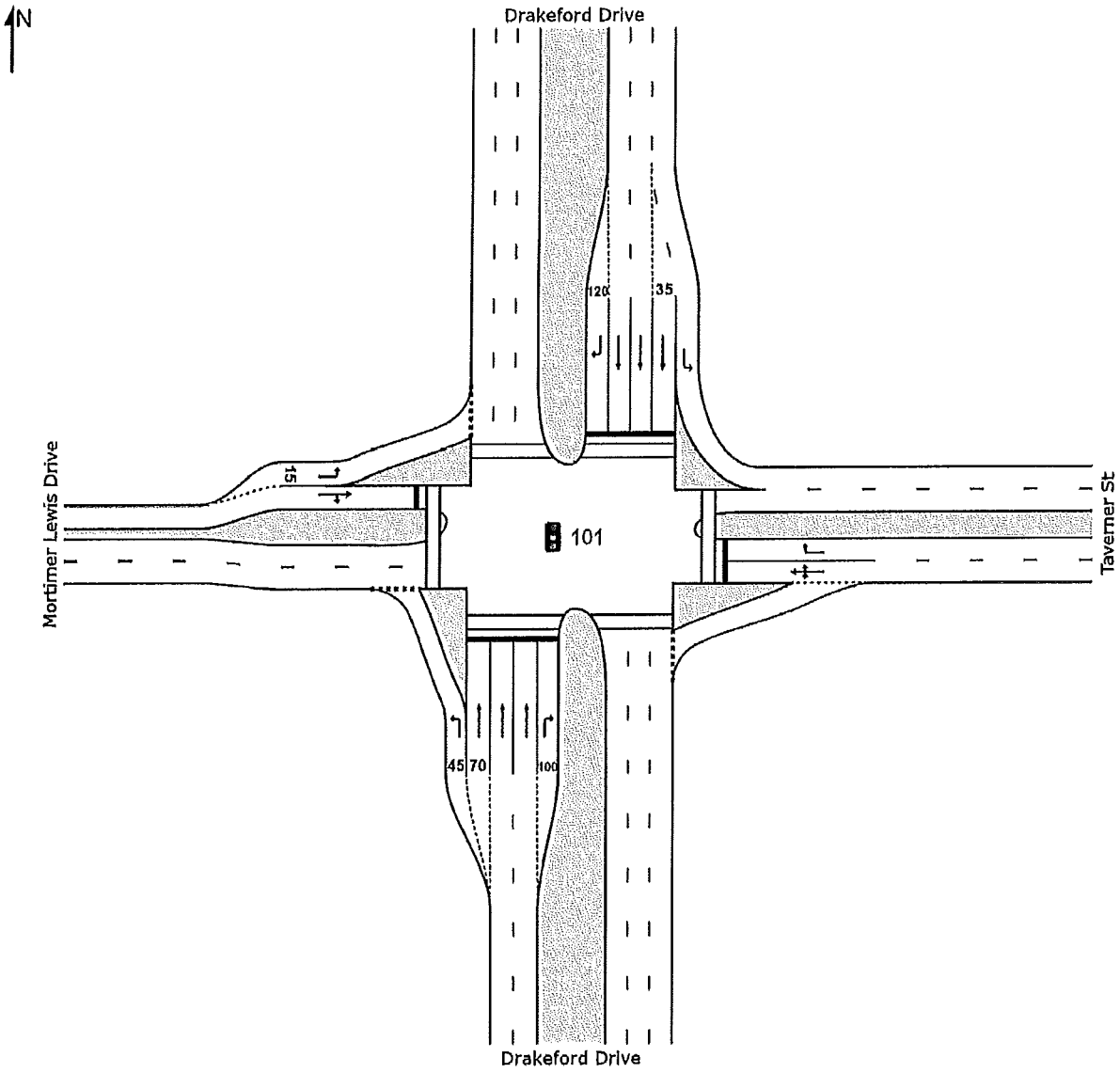


Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Lane LOS values are based on average delay per lane.
Intersection and Approach LOS values are based on average delay for all lanes.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

SITE LAYOUT

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development CDNO]

New Site
Signals - Fixed Time Isolated



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Organisation: CARDNO (QLD) PTY LTD | Created: Monday, 13 February 2017 1:35:20 AM
Project: N:\Projects\505\FY17\027_Greenway S33 B3,4 & 5\Des-An\Traffic\Mortimer-Drakeford 20170213.sip7

MOVEMENT SUMMARY

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development CDNO]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

Movement Performance - Vehicles

Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
South: Drakeford Drive											
1	L2	31	2.0	0.020	6.1	LOS A	0.1	0.9	0.11	0.57	53.8
2	T1	1669	5.0	0.772	30.0	LOS C	37.4	273.2	0.82	0.73	40.2
3	R2	26	2.0	0.335	80.5	LOS F	1.8	13.1	1.00	0.71	23.5
Approach		1726	4.9	0.772	30.4	LOS C	37.4	273.2	0.81	0.73	40.0
East: Tavemer St											
4	L2	13	5.0	0.761	75.7	LOS E	11.6	84.9	1.00	0.89	24.6
5	T1	6	0.0	0.761	70.0	LOS E	11.6	84.9	1.00	0.89	24.8
6	R2	315	5.0	0.761	74.9	LOS E	11.6	84.9	1.00	0.88	24.7
Approach		334	4.9	0.761	74.9	LOS E	11.6	85.0	1.00	0.88	24.7
North: Drakeford Drive											
7	L2	234	2.0	0.127	5.6	LOS A	0.0	0.0	0.00	0.53	54.1
8	T1	655	6.0	0.404	29.2	LOS C	15.2	110.8	0.74	0.64	40.6
9	R2	15	2.0	0.191	79.4	LOS E	1.0	7.5	0.99	0.69	25.8
Approach		904	4.9	0.404	23.9	LOS C	15.2	110.8	0.55	0.61	42.7
West: Mortimer Lewis Drive											
10	L2	272	2.0	0.356	23.8	LOS C	10.3	73.7	0.65	0.75	42.7
11	T1	26	2.0	0.784	63.2	LOS E	5.7	40.7	0.92	0.86	26.5
12	R2	61	2.0	0.784	68.9	LOS E	5.7	40.7	0.92	0.86	28.5
Approach		359	2.0	0.784	34.3	LOS C	10.3	73.7	0.71	0.78	38.0
All Vehicles		3323	4.6	0.784	33.5	LOS C	37.4	273.2	0.75	0.72	38.3

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Intersection and Approach LOS values are based on average delay for all vehicle movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Movement Performance - Pedestrians

Mov ID	Description	Demand Flow ped/h	Average Delay sec	Level of Service	Average Back of Queue Pedestrian ped	Distance m	Prop. Queued	Effective Stop Rate per ped
P11	South Stage 1	53	63.3	LOS F	0.2	0.2	0.95	0.95
P12	South Stage 2	53	60.5	LOS F	0.2	0.2	0.93	0.93
P2	East Full Crossing	53	27.1	LOS C	0.1	0.1	0.62	0.62
P31	North Stage 1	53	56.8	LOS E	0.2	0.2	0.90	0.90
P32	North Stage 2	53	55.0	LOS E	0.2	0.2	0.89	0.89
P4	West Full Crossing	53	26.5	LOS C	0.1	0.1	0.62	0.62
All Pedestrians		316	48.2	LOS E			0.82	0.82

Level of Service (LOS) Method: SIDRA Pedestrian LOS Method (Based on Average Delay)
Pedestrian movement LOS values are based on average delay per pedestrian movement.
Intersection LOS value for Pedestrians is based on average delay for all pedestrian movements.

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LANE LEVEL OF SERVICE

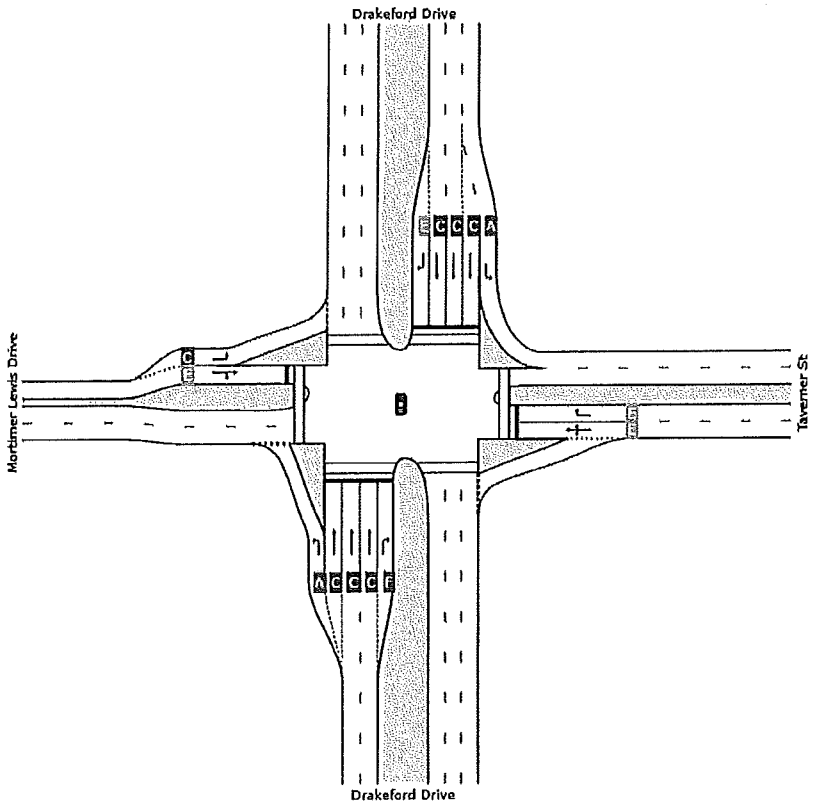
Lane Level of Service

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development CDNO]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

All Movement Classes

	South	East	North	West	Intersection
LOS	C	E	C	C	C

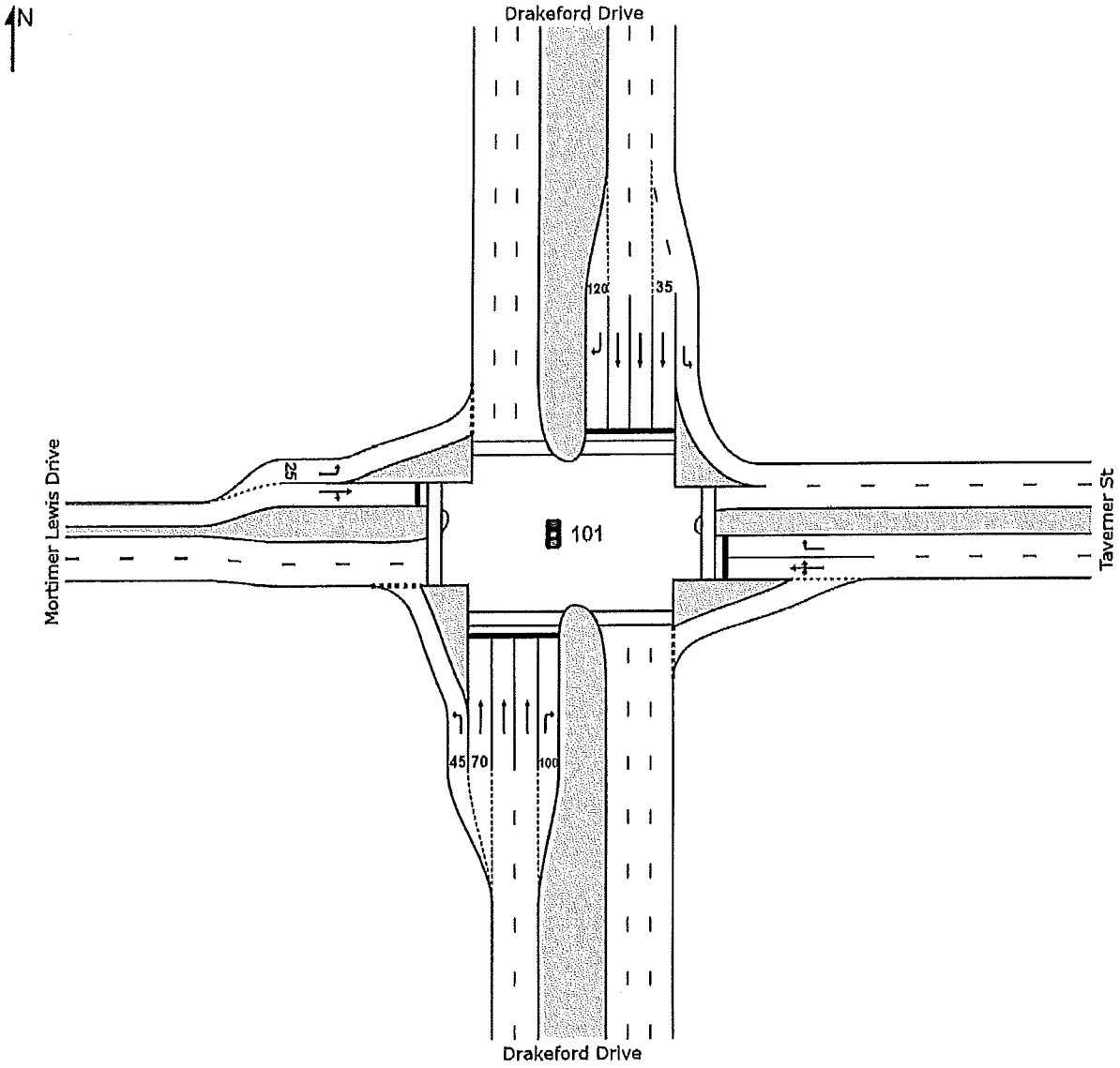


Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Lane LOS values are based on average delay per lane.
Intersection and Approach LOS values are based on average delay for all lanes.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

SITE LAYOUT

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development and Upgrade]

New Site
Signals - Fixed Time Isolated



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Organisation: CARDNO (QLD) PTY LTD | Created: Monday, 13 February 2017 1:53:50 AM
Project: N:\Projects\505\FY17\027_Greenway S33 B3,4 & 5\Des-An\Traffic\Mortimer-Drakeford 20170213.sip7

MOVEMENT SUMMARY

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development and Upgrade]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

Movement Performance - Vehicles

Mov ID	OD Mov	Demand Flow veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
South: Drakeford Drive											
1	L2	31	2.0	0.020	6.5	LOS A	0.2	1.4	0.15	0.58	53.5
2	T1	1669	5.0	0.668	23.4	LOS C	31.6	231.0	0.73	0.65	43.4
3	R2	26	2.0	0.335	80.5	LOS F	1.8	13.1	1.00	0.71	23.5
Approach		1726	4.9	0.668	24.0	LOS C	31.6	231.0	0.72	0.65	43.0
East: Taverner St											
4	L2	13	5.0	0.648	69.4	LOS E	10.9	79.6	1.00	0.84	25.8
5	T1	6	0.0	0.648	63.8	LOS E	10.9	79.6	1.00	0.84	26.1
6	R2	315	5.0	0.648	68.8	LOS E	11.0	80.1	1.00	0.83	26.0
Approach		334	4.9	0.648	68.7	LOS E	11.0	80.1	1.00	0.83	26.0
North: Drakeford Drive											
7	L2	234	2.0	0.127	5.6	LOS A	0.0	0.0	0.00	0.53	54.1
8	T1	655	6.0	0.356	23.5	LOS C	13.6	99.3	0.66	0.58	43.3
9	R2	15	2.0	0.191	79.4	LOS E	1.0	7.5	0.99	0.69	25.8
Approach		904	4.9	0.356	19.8	LOS B	13.6	99.3	0.50	0.57	44.9
West: Mortimer Lewis Drive											
10	L2	272	2.0	0.378	20.1	LOS C	9.3	66.2	0.59	0.74	44.7
11	T1	26	2.0	0.541	68.6	LOS E	5.9	42.1	1.00	0.78	25.4
12	R2	61	2.0	0.541	74.2	LOS E	5.9	42.1	1.00	0.78	27.4
Approach		359	2.0	0.541	32.8	LOS C	9.3	66.2	0.69	0.75	38.6
All Vehicles		3323	4.6	0.668	28.3	LOS C	31.6	231.0	0.68	0.66	40.6

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Intersection and Approach LOS values are based on average delay for all vehicle movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Movement Performance - Pedestrians

Mov ID	Description	Demand Flow ped/h	Average Delay sec	Level of Service	Average Back of Queue Pedestrian ped	Average Back of Queue Distance m	Prop. Queued	Effective Stop Rate per ped
P11	South Stage 1	53	60.5	LOS F	0.2	0.2	0.93	0.93
P12	South Stage 2	53	57.7	LOS E	0.2	0.2	0.91	0.91
P2	East Full Crossing	53	22.3	LOS C	0.1	0.1	0.57	0.57
P31	North Stage 1	53	64.3	LOS F	0.2	0.2	0.96	0.96
P32	North Stage 2	53	64.3	LOS F	0.2	0.2	0.96	0.96
P4	West Full Crossing	53	21.8	LOS C	0.1	0.1	0.56	0.56
All Pedestrians		316	48.5	LOS E			0.81	0.81

Level of Service (LOS) Method: SIDRA Pedestrian LOS Method (Based on Average Delay)
Pedestrian movement LOS values are based on average delay per pedestrian movement.
Intersection LOS value for Pedestrians is based on average delay for all pedestrian movements.

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LANE LEVEL OF SERVICE

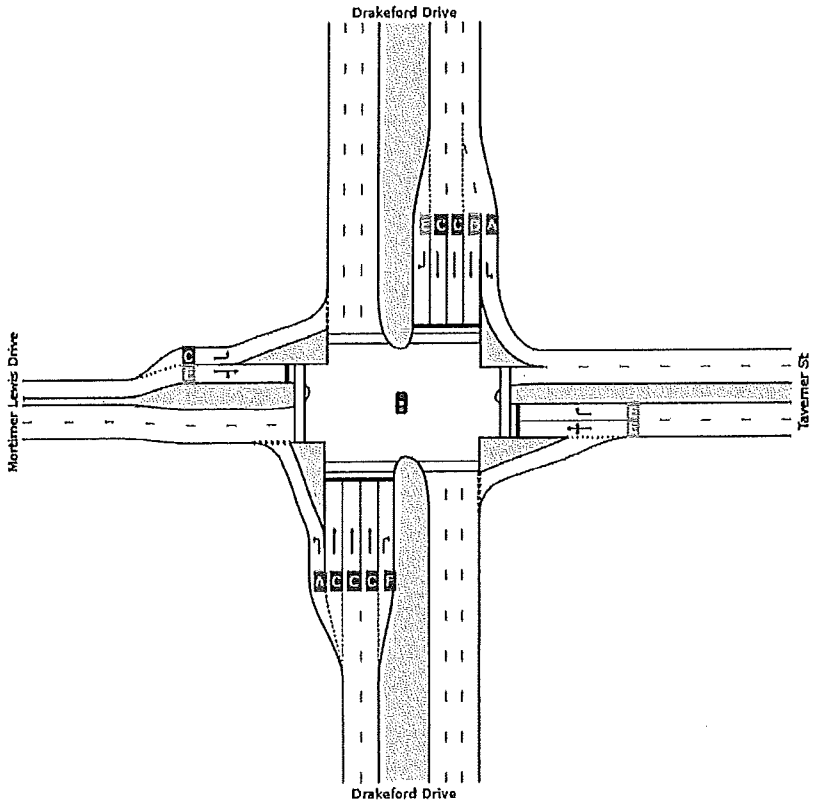
Lane Level of Service

Site: 101 [2024 AM Mortimer Lewis Drive - Drakeford Dr S - with Development and Upgrade]

New Site
Signals - Fixed Time Isolated Cycle Time = 140 seconds (User-Given Cycle Time)
Variable Sequence Analysis applied. The results are given for the selected output sequence.

All Movement Classes

	South	East	North	West	Intersection
LOS	C	E	B	C	C



Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Lane LOS values are based on average delay per lane.
Intersection and Approach LOS values are based on average delay for all lanes.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks.
- Path connections to the bus stops on Drakeford Drive
- Street lighting – the lighting level has not been adequately addressed in the SIR.
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis
- Intersection improvement works at the southern intersection with Drakeford Drive
- Connections to the on-road cycle lane on Drakeford Drive.
- Provision of replacement car parking in the vicinity of the dog park.

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation.

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved.

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.

I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

Adrian Arul / **Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: [redacted] Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Joseph, Gabriel
Sent: Tuesday, 29 March 2016 8:01 AM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Yes David. We had an initial meeting with LDA and the consultant. We have asked for whole lot of information about Traffic, Hydraulics, parking etc. We are waiting for the initial report. ACT Housing is only a very small component of the overall proposed residential development. I will let you know more when I they come back.

Gabriel

From: Roulston, David
Sent: Tuesday, 29 March 2016 7:38 AM
To: Joseph, Gabriel
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: Re: GreenwayEaste green way development-Mortimer Lewis Drive

Gabriel,

Did we receive any advice on this estate?

Regards

David Roulston MAIPM CPPD
Director
Operational Support Branch

Sent from my iPhone

On 4 Mar 2016, at 11:26 AM, Joseph, Gabriel <Gabriel.Joseph@act.gov.au> wrote:

> Yes David.
>
> The Project manager is LDA and I have been informed that they are still under the information gathering mode and once they have sufficient information they will consult with us. I thought I told you this verbally, sorry for not advising in writing.
>
> Gabriel
>
> ---
>
> **From:** Roulston, David
> **Sent:** Friday, 4 March 2016 9:55 AM
> **To:** Joseph, Gabriel
> **Cc:** Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
> **Subject:** RE: GreenwayEaste green way development-Mortimer Lewis Drive
>
> Any feedback on this one Gabriel
>
> **Regards,**

David

DAVID ROULSTON AIPM CPPE
DIRECTOR ASSET INFORMATION AND MANAGEMENT SERVICES
CHIEF INFORMATION OFFICER
CAPITAL WORKS COORDINATOR - TAMS PMO
INFRASTRUCTURE, ROADS AND PUBLIC TRANSPORT DIVISION|
TERRITORY AND MUNICIPAL SERVICES DIRECTORATE| ACT GOVERNMENT
PH: +61 2 6207 6628 | [redacted] FAX: +61 2 6207 7484 |
david.roulston@act.gov.au <image001.png>

" Helping you to build our community"

<image002.png><image003.png> <image004.jpg> <image005.jpg> <image006.jpg>

"One Government One ACT Public Service"

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 1:51 PM
To: Roulston, David
Cc: Jatheendran, Lingam; Bell, Jeff; Chowdhury, Abu Sayem; Chandramohan, Chandra
Subject: FW: GreenwayEaste green way development-Mortimer Lewis Drive

David

I have gathered the following information on the issue.

The Taskforce project manager will provide me with the name of the TAMS rep that they've been dealing with.

At this stage, there is a proposal to develop approximately 26 units on the south end of Section 28 Greenway (see attached map and site capacity). A Development Application is expected to be submitted in mid-2016 with construction commencing, subject to DA approval, end-2016.

There are wider implications with regard to servicing the entirety of Section 28 but someone from the project team will get back to me about this. Timing on the DA for the site servicing is expected March/April 2016 with work commencing October 2016.

They are giving an update to the Tuggeranong Community Council on Tuesday. Details should be on their website by COB today.

I'll let you know when I hear back from the project manager.

Gabriel

From: Silver, Sharni
Sent: Friday, 26 February 2016 9:51 AM
To: Joseph, Gabriel
Cc: Lansdown, Simon
Subject: RE: GreenwayEaste green way development-Mortimer Lewis Drive

Hi Gabriel

Sharni

From: Joseph, Gabriel
Sent: Friday, 26 February 2016 8:42 AM
To: Johns, Peter
Subject: GreenwayEaste green way development-Mortimer Lewis Drive

Hi peter

I have left a message to call me back. Could you please shed some light about the proposed development in this area. I am made to understand this is one of the ACT Housing projects. The residents have started asking TAMS a lot of questions about traffic impacts due to this development. We have no records of anyone discussing this project with us and yet we have a feeling that the residents are fully aware of what is being proposed.

Could you please update with some key information including the current status of the project. It will also be good to nominate a contact person from your area so that we can direct these queries to you for the time being, (until we become fully involved)

Regards

GABRIEL JOSEPH
SENIOR MANAGER ASSET ACCEPTANCE
IAMS | IRAPT|TAMS| ACT GOVERNMENT
PH: +61 2 6207 6581 | FAX: +61 2 6207 7484 |
gabriel.joseph@act.gov.au
'GREAT SERVICES- QUALITY ASSETS- BETTER LIFESTYLE'

From: Overton, Mark
Sent: Wednesday, 24 January 2018 1:48 PM
To: Jatheendran, Lingam; Bell, Jeff
Cc: Stroud, Joanne; Abeysekera, Ruwan; Pooley, John
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]
Attachments: 20180118140918915.pdf

Hello again Lingam & Jeff

Attached is our current program for this project that we have requested your assistance in ensuring a smooth OA process. Whilst I appreciate that the SLA is always requesting your assistance in this matter this project is of particular importance. We have been liaising with all service providers to ensure that they are aware of our program and requesting that they assist us with the relevant approvals and we are receiving their support. ICON are attending regular site meetings so that they know what is going on. ZNX has also attended a site meeting.

The attached program illustrates that, as of 18/1/18, we are targeting an OA submission date for TCCS assets in Separable Portion 2 (and part of SP 3) on the 22nd March 2018. The program has allowed 3 weeks for the full process to occur with a drop dead date of 11 April to receive the OA certificate from TCCS.

Should you require further information or wish to discuss anything please let me know.

Regards

Mark

From: Overton, Mark
Sent: Friday, 12 January 2018 2:00 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Thanks Lingam.

We have every intention of doing as you suggested, I was just fishing around for any suggestions both parties might have to streamline the process. If you think of anything let me know and I will do the same.

Regards

Mark

From: Jatheendran, Lingam
Sent: Friday, 12 January 2018 8:38 AM
To: Overton, Mark; Bell, Jeff
Cc: Stroud, Joanne; Abeysekera, Ruwan
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hi Mark

We are always here to help you. Please make sure all the offsite works as per approved design are constructed and operational acceptance documentations submitted in mid-March 2018. This will give enough time for DRC to assess the documentation, inspect the site and rectification of any defects if any identified.

Regards

Lingam Jatheendran | Chief Engineer Development Review & Coordination
Phone **02 6207 6592** | Email: Lingam.Jatheendran@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
496 , Northbourne Avenue, Dickson, GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Overton, Mark
Sent: Thursday, 11 January 2018 3:41 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>; Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>
Subject: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Good afternoon Jeff & Lingam

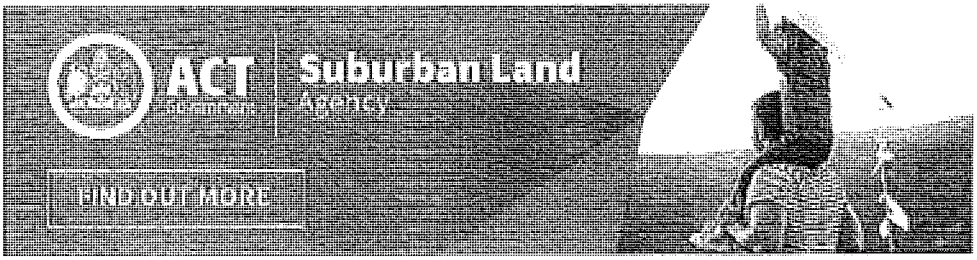
SLA commenced civil works on-site at Section 28 Greenway (Mortimer Lewis Drive) to develop a new estate with three serviced multi unit blocks (refer attached) in December 2017. To achieve our settlement target we need OA from TCCS and other parties by 11th April 2018. There will not be a lot of assets for TCCS to accept however we request your assistance in achieving this 11th April 2018 deadline. Verge footpaths and driveways will be delivered by the individual developers so as far as TCCS is concerned there is stormwater, minor kerb works and pavement infill, stone pitching and concrete paths within open space (overland flow paths).

Can we have a chat about how we go about achieving this deadline as smoothly as possible? ICON Water and ZNX are attending regular site meetings so that they are across our progress and standard of works. Maybe we could extend similar invites to your relevant staff member(s).

I will call to chat.

Mark

Mark Overton
Urban Projects **T:** 02 6207 6899
Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601
www.suburbanland.act.gov.au **facebook.com/suburbanland** **twitter.com/suburbanland**



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From: Arul, Adrian
Sent: Friday, 9 December 2016 9:32 AM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Attachments: App I Traffic Greenway S28 B2 TIA FINAL.PDF

Jeff

Please see the attached TIA report (dated 3 June 2016) as requested this morning.

An SIR was done in July 2012 by RD Gossip and no TIA was done at that time however recommended a Traffic Impact Assessment should be undertaken.

In order to assist you, the background to the attached Traffic report.

- 11 March 2016 (TAMS, LDA, RD Gossip) meeting– TAMS requested RD Gossip to carry out a broader Traffic Impact Assessment
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC) meeting - RD presented the draft report (dated 03 May 2016)
- 03 June 2016 – RD Gossip finalised the TIA taking into the comments discussed at the meeting on 11 May 2016.

We certainly discussed with TCCS at the meeting that the road classification stays the same and that Mike Day was not keen on another set of signals and with the minor lengthening of the left turn lane the northern intersection operated at an acceptable level of service. The requirement to signalise the southern intersection is a political decision as it should not needed on traffic grounds.

Regards
Adrian
71674

From: Bell, Jeff
Sent: Thursday, 8 December 2016 9:08 AM
To: Arul, Adrian
Subject: FW: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Adrian,
We don't seem to have a copy of the traffic report that was requested in our March meeting. Can you please forward a copy to us?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Bell, Jeff
Sent: Wednesday, 7 December 2016 3:32 PM

To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Adrian,
TCCS does not have a copy of the final SIR. Can you please forward it to us.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Arul, Adrian
Sent: Tuesday, 6 December 2016 5:35 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Attachments:

1. Minutes of the final meeting held on 24 May 2016
2. Cardno's Drg showing the sewer pump station location (as part of DA)
3. RD Gossip's Drg showing the sewer pump station location (as part of SIR)

Thank you for your email and your response towards your cooperation, during the approval process, to ensure that there are no unnecessary delays. We the LDA appreciate that.

In reference to your email below, in particular to your outlined dot points, I would appreciate if you could refer to the attached minute (dated 24 May 2016) and my responses below **in red text**.

We have tried our best and had follow up consultations with the authorities (TCCS & Icon Water) and minuted the outcome. We believe that the SIR for minor works was finalised based on the consultations. We did cooperate with TCCS by providing requested studies, analysis and reports during the follow up consultations to finalise the SIR for the minor works.

The Minute dated 24 May 2016 circulated clearly states the following:

Purpose of the Meeting:
As requested by RD Gossip the purpose of the meeting is to provide advice on what Asset Acceptance expectations are to inform the Site Investigation Report (SIR) so that the LDA can organise for the design stage to progress:

1. Finalise details of the traffic impact by the development
2. Finalise viable stormwater options with TAMS
3. Other Items - Minor works to service whole of Block 2
4. Timing of minor works

In our opinion we have involved the authorities from the beginning for this design development

We are now at the DA and design submission stage and we believe that the DA & design for the minor works have accommodated items as per our previous meetings/ consultations held.

Thank you for meeting with Cardno consultant and we will advise the consultant to make DA & Design submissions. Also we believe that meeting at this stage is not necessary since we have had few previous consultations with TCCS and met your requirements.

The consultant will then amend the DA accordingly when comments are received.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

www.lda.act.gov.au

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Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.- **Note that there are two systems (Block 3 is under gravity , Blocks 4 & 5 is by rising main). Cardno's drawing and RD Gossip's drawing show the same spot for the pump station.**
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks. - **Refer Minute Item 2, agreed as reserves not easements**
- Path connections to the bus stops on Drakeford Drive. - **Refer Minute Item 4 j)**
- Street lighting – the lighting level has not been adequately addressed in the SIR. – **Refer Minute Item 4 k), existing Mortimer Lewis Drive is minor collector road projected traffic volume is still the same therefore the streetlighting is not required.**
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis—**Refer Minute Item 1 c) & d)**
- Intersection improvement works at the southern intersection with Drakeford Drive – **Refer Minute Item 1 b)**
- Connections to the on-road cycle lane on Drakeford Drive.- **Kerb ramp can be provided to make connection**
- Provision of replacement car parking in the vicinity of the dog park. – **Refer attached Minute Item 4 a)**

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation. **As stated previously it will be the TCCS's responsibility not LDA/ED.**

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved. **As advised in the previous meetings (*11 March 2016, 06 April 2016 & 24 May 2016)* LDA/ED are working on the approved budget and tight time frame for this development and LDA have taken the responsibility in providing minor works to service the blocks.**

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate |ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

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I understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

At the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

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Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110

Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602

adrian.arul@act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: John Samoty; Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

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From: Arul, Adrian
Sent: Friday, 9 December 2016 9:32 AM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Attachments: App I Traffic Greenway S28 B2 TIA FINAL.PDF

Jeff

Please see the attached TIA report (dated 3 June 2016) as requested this morning.

An SIR was done in July 2012 by RD Gossip and no TIA was done at that time however recommended a Traffic Impact Assessment should be undertaken.

In order to assist you, the background to the attached Traffic report.

- 11 March 2016 (TAMS, LDA, RD Gossip) meeting– TAMS requested RD Gossip to carry out a broader Traffic Impact Assessment
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC) meeting - RD presented the draft report (dated 03 May 2016)
- 03 June 2016 – RD Gossip finalised the TIA taking into the comments discussed at the meeting on 11 May 2016.

We certainly discussed with TCCS at the meeting that the road classification stays the same and that Mike Day was not keen on another set of signals and with the minor lengthening of the left turn lane the northern intersection operated at an acceptable level of service. The requirement to signalise the southern intersection is a political decision as it should not needed on traffic grounds.

Regards
Adrian
71674

From: Bell, Jeff
Sent: Thursday, 8 December 2016 9:08 AM
To: Arul, Adrian
Subject: FW: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Adrian,
We don't seem to have a copy of the traffic report that was requested in our March meeting. Can you please forward a copy to us?

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

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Sent: Wednesday, 7 December 2016 3:32 PM

To: Arul, Adrian
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In reference to your email below, in particular to your outlined dot points, I would appreciate if you could refer to the attached minute (dated 24 May 2016) and my responses below **in red text**.

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4. Timing of minor works

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The consultant will then amend the DA accordingly when comments are received.

Regards

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We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

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Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Attachments: RE: B2 S28 Greenway - SIR, Stormwater, Floodways & Traffic [SEC=UNCLASSIFIED, DLM=For Official Use Only]; 20161123 Minutes of TCCS Meeting.pdf; 50517027-C-1003.pdf; Greenway S 28 General.pdf

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Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au
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From: Bell, Jeff
Sent: Tuesday, 6 December 2016 8:59 AM
To: Arul, Adrian
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]
Importance: High

Adrian,
TCCS does not believe the current approach to the development of this site is consistent with our previous meetings/discussions. Some of the outstanding issues are outlined below:

- Sewer pump station – the SIR stated that the pump station would be on-block and that a gravity main would follow the Mortimer Lewis verge alignment to the to the existing sewer main adjacent to the sea scout hall. Cardno presented an option that required the pump station to be located on public land and for a rising main to be underbored across Drakeford Drive.- **Note that there are two systems (Block 3 is under gravity , Blocks 4 & 5 is by rising main). Cardno's drawing and RD Gossip's drawing show the same spot for the pump station.**
- Stormwater overland flow – the SIR recommended easements be created for the overland flow paths. Cardno presented a design that showed the stormwater infrastructure and associated overland flow paths in separate Blocks. - **Refer Minute Item 2, agreed as reserves not easements**
- Path connections to the bus stops on Drakeford Drive. - **Refer Minute Item 4 j)**
- Street lighting – the lighting level has not been adequately addressed in the SIR. – **Refer Minute Item 4 k), existing Mortimer Lewis Drive is minor collector road projected traffic volume is still the same therefore the streetlighting is not required.**
- Proposed changes to the signalised intersection at the northern end of Mortimer Lewis—**Refer Minute Item 1 c) & d)**
- Intersection improvement works at the southern intersection with Drakeford Drive – **Refer Minute Item 1 b)**
- Connections to the on-road cycle lane on Drakeford Drive.- **Kerb ramp can be provided to make connection**
- Provision of replacement car parking in the vicinity of the dog park. – **Refer attached Minute Item 4 a)**

With respect to the comment regarding signalising the southern intersection with Drakeford Drive, this is something that was recently raised at a meeting between Roads ACT and the Tuggeranong Community Council. As such, it is not something that we can dismiss without further investigation. **As stated previously it will be the TCCS's responsibility not LDA/ED.**

We appreciate that there was reasonable consultation between the LDA and TCCS during the development of the SIR; however, it is disappointing that there has been no follow up consultation in the following seven months. TCCS always tries to accommodate the LDA's programmes; however, it is much easier for everybody involved if we are included in the design development. This is particularly important on sites such as this, where there are multiple complexities that need to be resolved. **As advised in the previous meetings (*11 March 2016, 06 April 2016 & 24 May 2016)* LDA/ED are working on the approved budget and tight time frame for this development and LDA have taken the responsibility in providing minor works to service the blocks.**

We look forward to your cooperation, during the approval process, to ensure that there are no unnecessary delays.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: Jeff.bell@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | ACT Government
12 Wattle Street, Lyneham| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Arul, Adrian
Sent: Monday, 5 December 2016 4:29 PM
To: Bell, Jeff
Subject: RE: Greenway Section 28/ Minor Works [DLM=For-Official-Use-Only]

Hi Jeff

Greenway Section 28/ Minor Works

Cardno consultant has been engaged by LDA to carry out the DA & Design for the above project. RD Gossip carried out Site Investigation report (SIR) for minor works purpose.

understand that the meeting with Cardno 23 Nov 2016 was requested by Jeff Bell to understand the proposed works especially the sewer pump station location. As all the plans will have to go through TCCS during the DA process, it is always good to consult with the stakeholders prior to lodgement and address any of their concerns. This will save time during the DA process.

On the same token we the LDA started the discussion early enough with TCCS (then TAMS) to finalise the site investigation report (SIR) for the minor works to service the blocks as per the ACT Government Land Release Program (LRP). In order to save time we started the process in March 2016 by meeting with the relevant authorities.

The meetings were held on:

- 11 March 2016 (TAMS, LDA, RD Gossip & SMEC)
- 06 April 2016 (TAMS, LDA, RD Gossip & SMEC)
- 24 May 2016 (TAMS, Roads ACT,LDA, PHTF , RD Gossip & SMEC)
- 23 November 2016 Cardno met with TCCS as part of DA

t the very first meeting on 11th of March 2016, LDA highlighted and explained the importance and the tight timing for of the completion minor works project to service the blocks. This project for minor works was also to facilitate Public Housing Task Force and the LRP.

As per your meeting with Cardno and referring to the minutes of the meeting it is rather frustrating and unfair to note that when we are working on a tight time frame, you have raised the same issues which were discussed previously at the two meetings. The minutes were circulated to all the attendees with agreed items and action outcomes. We provided the reports as requested by you such as Traffic & Flood Analysis (Stormwater modelling) to justify your requirements

We have moved on to the DA and Design stage since the second meeting in May 2016 (approximately now 7 months).

We strongly feel that LDA is **not** responsible:

- for the southern intersection improvement; and
- the car park spaces for the Dog Park

Mike Day of Roads ACT was present at the meeting on 24 May 2016 agreed that given the proposed northern intersection upgrade then upgrade of the southern intersection was not required and that an additional set of signals at the southern intersection was undesirable.

The subject block has been in the LRP for sometime and TCCS is responsible to include those items either in their capital works or maintenance program.

Therefore in this instance, we the LDA appreciate your cooperation to move forward without any further delay to meet the time frame.

I acknowledge your telephone call on Friday 2nd of Nov 2016 and I was away sick.
I also acknowledge the telephone call and the meeting invite today and I won't be able to attend as this email explains the current status.

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

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From: [redacted]
Sent: Monday, 28 November 2016 10:08 AM
To: Bell, Jeff
Cc: [redacted] Arul, Adrian
Subject: Greenway Section 28

Jeff,

Please find attached minutes to our meeting last week. If you have any amendments, please let me know and I will update.

Regards,

[redacted]
SENIOR DESIGN ENGINEER
CARDNO

Cardno
Shaping the Future

Phone +61 2 6112 4500 Direct +61 2 6112 4550
Address Level 2, 14 Wormald Street, Symonston, Australian Capital Territory 2609 Australia
Postal PO Box 40 Fyshwick ACT 2609
Email [redacted] Web www.cardno.com

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From: Arul, Adrian
Sent: Friday, 27 May 2016 4:36 PM
To: [redacted] Bell, Jeff; Mundy, Graham; Day, Michael; Chappell, Hazel; Durie, Lea; [redacted] Frank Ribeny; '[redacted]
Cc: Holt, Nicholas
Subject: RE: B2 S28 Greenway - SIR, Stormwater, Floodways & Traffic [SEC=UNCLASSIFIED, DLM=For Official Use Only]

Tracking:	**Recipient**	**Read**
	[redacted]	
	Bell, Jeff	
	Mundy, Graham	
	Day, Michael	
	Chappell, Hazel	
	Durie, Lea	Read: 30/05/2016 9:48 AM
	[redacted]	
	Frank Ribeny	
	[redacted]	
	Holt, Nicholas	

Dear All

Thank you for attending the meeting,

Please find attached minutes of the meeting.

Meeting Minutes
JAMS 2 Greenw...

Regards

***Adrian Arul* / Project Manager / Urban Renewal/ Urban Releases/**
Land Development Agency
CHIEF MINISTER, TREASURY AND ECONOMIC DEVELOPMENT DIRECTORATE - CMTEDD

T: 02 62071674
Fax. No: 02 62076110
Level 7, TransACT House, 470 Northbourne Avenue, DICKSON, ACT 2602
adrian.arul@act.gov.au
www.lda.act.gov.au

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-----Original Appointment-----
From: [redacted]
Sent: Friday, 20 May 2016 3:42 PM

To: [redacted] Arul, Adrian; Bell, Jeff; Mundy, Graham; Day, Michael; Chappell, Hazel; Durie, Lea; [redacted] ny; Frank Ribeny; [redacted]
Subject: B2 S28 Greenway - SIR & Traffic
When: Tuesday, 24 May 2016 12:30 PM-2:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.
Where: Macarthur House - Jeff to organise a meeting room

Agenda:

1/ Traffic signals (do the signals first so Mike Day can leave before the site servicing is discussed)

2/ Mortimer Lewis Dr verge – kerb, SW etc

3/ Draft Final SIR

4/ Flood report findings

From: Perera, Chandra
Sent: Friday, 19 May 2017 8:50 AM
To: Buddhadasa, Ajith
Subject: RE: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Good Morning Ajith
Thanks for your observation. These information requires for our design team. Yes, it can be submitted at the Design Acceptance Stage.

Warm Regards

Chandra Perera
DRC

From: Buddhadasa, Ajith
Sent: Friday, 19 May 2017 8:31 AM
To: Perera, Chandra
Cc: Bell, Jeff
Subject: RE: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Chandra

The below advice from TCCS is bit confusing.
While it states that the proposal is supported with conditions, it also states that TCCS required further information. Can you please advice when TCCS require further information i.e. during the assessment of the DA (means now) or during the Design Acceptance stage.

Happy to discuss.

Regards

Ajith Buddhadasa | Senior Development Assessment Officer
Phone 02 6205 1550 | Fax +61 2 6207 1856
Development Assessment Branch | Environment, Planning and Sustainable Development Directorate | **ACT Government**
Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT 2601 | www.environment.act.gov.au

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From: Perera, Chandra
Sent: Thursday, 18 May 2017 10:58 AM
To: EPD, Customer Services
Cc: TCCS_SPATAS DA COORD
Subject: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192

PROJECT DESCRIPTION:

PROPOSAL FOR PUBLIC WORKS - CONSTRUCTION OF SITE SERVICING ALONG MORTIMER LEWIS DRIVE INCLUDING STORMWATER, WATER, SEWER AND SHARED TRENCH. UPGRADE OF THE EXISTING KERB ON MORTIMER LEWIS DRIVE AND BULK EARTHWORKS. REMOVAL OF EXISTING TREES AND PROPOSED SEWER PUMP STATION TO SERVICE BLOCKS 4 AND 5 AND SEWER RISING MAIN TO CONNECT ACROSS DRAKEFORD DRIVE.

BLOCK: 6	SECTION: 28	SUBURB: GREENWAY

This DA has been assessed in regards to the following:

Traffic		Driveways/Verge Crossings	
On Street / Public Parking		Sightlines	
Bus Stop/Public Transport (Action)		LMPP/Street Trees	X
Waste Management		Street Lighting	
Stormwater easement	X	Pedestrian Footpath	X
Stormwater Tie		Service / Access Easement	X
Demolition		Estate Development Plan (EDP)	
Further Information		Amendments/Additions/Alterations	X
Lease Variation		Capital Works	

X = Areas Assessed. X

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	X
That Further Information Is Required	X
That It Is Not Supported	

Conditions

VERGE

1. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

STORMWATER

1. No structure and/or filling are permitted to be placed over the 1 in 100 year ARI overland flow path.
2. Provide hydraulic analysis of overland flow path through the site for both pre- developed and post- developed scenarios at the detail Design Stage
3. The Stormwater Plan is supported and must be resubmitted at the Design Acceptance stage.

VERGE

4. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

TREES

5. Tree assessment information is incomplete and information is needed regarding trees located on public land. The vegetation assessment and survey plan (DSB Tree Assessment Report 3320

dated 22 March 2016) does not include trees located within the Drakeford Drive to Mortimer Lewis Drive road reserve adjacent to Blocks 3, 4, 5, 6 and 7 Section 28 Greenway or in Block 23 Section 20 (urban open space). Tree locations have also not been captured in the other plans that have been submitted with the development proposal. Please detail the location, species, size and condition of all public trees that may be impacted by works and clearly indicate all proposed tree removals.

6. **Install the new water and sewer mains using trenchless methodology (i.e. underboring beneath 650mm) where routed within tree protection zones (canopy plus 2m) excluding sections aligned beneath existing road pavement. Service access pits should be located outside Tree Protection Zones.**
7. **Urban Treescapes can support the sewer pump station as shown on the Sewer Pump Station Access plan (50157027-C-1026 Rev A) however please indicate which small trees will require removal. Please also confirm the log barriers that will be removed adjacent to sewer pump will be replaced once the sewer pump access bay has been constructed to prevent vehicles gaining access into the urban open space around Lake Tuggeranong (*Place Management may wish to provide further advice*).**
8. **New tree plantings may be needed to replace the trees that will be removed depending on the number of tree removals that are proposed to facilitate offsite works. In this case a Landscape Plan will be needed to show the location of new trees planted to offset tree removals and also detail the planting methodology.**

PEDESTRIAN NETWORK

9. **The shared path to be constructed in accordance with TCCS standards.**

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments/Advice (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **Nil**

Kind regards,

Chandra (Wije) Perera | Senior Project Engineer Development Review & Coordination
Phone 02 62059032 | Email: rchandra.perera@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Breitkopf, Katherine **On Behalf Of** EPD, Customer Services
Sent: Wednesday, 26 April 2017 4:04 PM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192
BLOCK: 6 **SECTION:** 28 **DIVISION:** GREENWAY

Description - PROPOSAL FOR PUBLIC WORKS - Construction of site servicing along Mortimer Lewis Drive including stormwater, water, sewer and shared trench. Upgrade of the existing kerb on Mortimer Lewis Drive and bulk earthworks. Removal of existing trees and proposed sewer pump station to service Blocks 4 and 5 and sewer rising main to connect across Drakeford Drive.

Pursuant to Section 148(1) of the *Planning and Development Act 2007* the ACT Planning and Land Authority requests that you consider the abovementioned development application and provide any written advice no later than **15 working days** after the date of this notice **(17/05/2017).**

In accordance with Section 150 of the *Planning and Development Act 2007* If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services EPDcustomerservices@act.gov.au

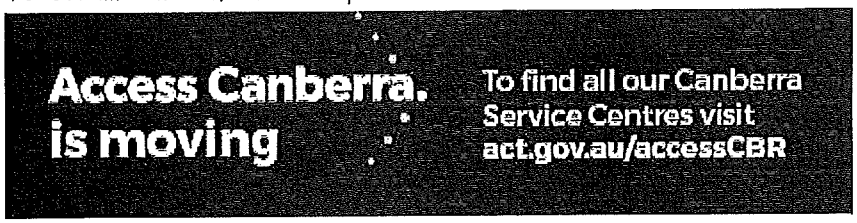
Please use the following format in the subject line of the email when providing advice:

COMM-Agency Name-20140XXXX-Block XX Section XX SuburbXXXXX-01

Example: COMM-TAMS-201401234-10/10 Dickson-01

Kind Regards

Katherine
Phone 6207 1923
EPDCustomerService@act.gov.au
www.act.gov.au/accesscbr
Access Canberra | ACT Government
16 Challis Street, Dickson | GPO Box 158 Canberra ACT 2601



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From: Bell, Jeff
Sent: Tuesday, 22 May 2018 10:17 AM
To: Carson, Lucia
Cc: Pooley, John; Aster-Stater, Alek; Henriquez, Jose
Subject: RE: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Hi Lucia,
The advice that Jose provided in the pre-app meeting is to do with the function of the road network and the size of the development. Whilst you correctly identify the requirements for driveways in your email, you have not considered the context, function or location of the development or the interface with the surrounding road network.

In this case, Mortimer Lewis Drive is classified as a collector and the proposed development will consist of 142 dwellings. The development is subject to the traffic generation rate of 6 trips per dwelling per day, as prescribed in the Estate Development Code; as such, the development will generate approximately 852 vehicle movements per day. The plans provided prior to the pre-app meeting indicate that the site will be serviced by two access points; therefore, even applying a very basic distribution of 50% to each access point, the traffic generation would be in excess of the upper threshold limit for an Access Street A and would be more closely aligned with an Access Street B. Due to the number of dwellings and the traffic that will be generated by the development, it is appropriate for the access points to be designed as intersections rather than driveways.

The provision of intersections, rather than driveways, at this location only changes the interface between the development and the road network, it does not impact on the internal road design within the development.

TCCS' advice is based on the following reference documents:

- Estate Development Code
- Austroads Guide to Road Design Part 4 – Intersections and Crossings, Section 7.2.2 Urban Roads
- Austroads Guide to traffic Management Part 5 – Road Management, Section 2.1.3 Access Management Practice
- AS2890.1 – Off-Street Car Parking , Section 3.1.1 Access Design Principles

Please note that if this development had been subject to an EDP, these issues would have been identified earlier.

Please contact me if you require any additional information.

Regards

Jeff Bell MIEAust CPEng | Operations Manager Development Review & Coordination
Phone: 02 6207 5604 | Email: jeff.bell@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | ACT Government
490 Northbourne Ave, Dickson| GPO Box 158 Canberra ACT 2601 | www.act.gov.au

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From: Carson, Lucia
Sent: Monday, 21 May 2018 2:50 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Pooley, John <John.Pooley@act.gov.au>
Subject: Greenway Block 4 Section 28 Driveways [SEC=UNCLASSIFIED, DLM=Sensitive]

Afternoon Jeff,

I understand that John Pooley has been speaking to you regarding the issue of driveways for Block 4 Section 28 Greenway. Jose Henriquez has advised the developer that Intersection driveways are required not heavy duty driveways. The driveways for Greenway Block 4 Section 28 are required for those who will be living on the site and not for use by the general public. These driveways are access driveways not intersections, particularly as the site will have multiple units (more than 3 units).

The Design Standards for Urban Infrastructure 5 Drive ways states the following for a multi-unit site;

"Concrete pavements for domestic driveways should be a minimum of 100mm thick Grade 32 concrete on a 75mm layer of compacted sub-base. **For other residential driveways (multi units),** the minimum Grade 32 concrete thickness that will be accepted is 150 mm, reinforced with F82 mesh with 50mm top cover.") These types of driveways are also known as heavy duty driveways which are also required for Commercial driveways.

Kind regards,

Lucia Carson I Project Officer
Urban Projects I Suburban Land Agency
Level 7 TransACT House I 470 Northbourne Avenue I DICKSON ACT 2602
T: 6207 9604 I F: 6207 7324 I E: lucia.carson@act.gov.au



From: Stroud, Joanne
Sent: Tuesday, 10 April 2018 12:20 PM
To: Jatheendran, Lingam
Cc: Abeysekera, Ruwan; Pooley, John; Joseph, Gabriel; Frino, Franco; Howard, Jerry; Bell, Jeff
Subject: RE: Greenway Section 28 - SLA estate - Handover [SEC=UNCLASSIFIED]
Attachments: 50517027-H-1000 [2].pdf; 50517027-H-1001 [2].pdf

Hi Lingam,

Please find attached the revised staging plans for Section 28 Greenway which excises out the verges, VC's and kerb (and any other civil infrastructure that applies) surrounding Block 5 Section 28 Greenway. The Public Housing Renewal Taskforce (PHRT) will hand over the area highlighted in pink as a part of their building works. The SLA will hand over the sewer and water infrastructure as part of our handover pack.

The attached plans also outline that the landscape works will be completed 6 weeks from receipt of OA for civil works.

We will provide a letter from the PHRT to TCCS/DRC guaranteeing that the PHRT is responsible to rectify the unleased territory land that surrounds Block 5. We have also informed the PHRT that they will need to seek permission from TCCS to utilise the verges for their site sheds etc.

Please let me know if you require any further information or wish to discuss on 6207 1676.

Thank you

Kind Regards,

Joanne Stroud
Urban Projects **T:** 02 6207 1676

Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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From: Stroud, Joanne
Sent: Thursday, 5 April 2018 11:02 AM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>

Cc: Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>; Joseph, Gabriel <Gabriel.Joseph@act.gov.au>; Frino, Franco <Franco.Frino@act.gov.au>; Howard, Jerry <Jerry.Howard@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hi Lingam,

Thank you for your time on the phone this morning.

As discussed, I have asked Cardno to prepare a revised staging plan separating the soft landscape works from the civil works to submit to DRC as per Marks email below.

The SLA are seeking DRC's permission to excise out the verges, VC's and kerb (and any other civil infrastructure that applies) surrounding Block 5 Section 28 Greenway. The plan will reflect that the infrastructure that surrounds Block 5 will be separated out from our OA submission to then be handed over by the Public Housing Renewal Taskforce (PHRT) as a part of their building works. The SLA will still hand over the sewer and water infrastructure as part of our handover pack.

Can you please confirm whether DRC would like a separate revised staging plan for the works associated with Block 5 or whether you are happy for it to be included in the one revised staging plan? If a separate plan is required the SLA/PHRT would be happy to pay for the additional review of the staging plan.

As discussed, the SLA and the Public Housing Renewal Taskforce will write to the DRC guaranteeing that the PHRT is responsible to rectify the unleased territory land that surrounds Block 5.

Kind Regards,
Jo

Joanne Stroud
Urban Projects **T:** 02 6207 1676

Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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From: Overton, Mark
Sent: Thursday, 29 March 2018 9:42 AM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>; Joseph, Gabriel <Gabriel.Joseph@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Lingam

Please accept my apologies for not responding earlier to your message below. I have made comments in RED for your review and hopefully acceptance.

Regards

Mark

From: Jatheendran, Lingam
Sent: Thursday, 22 February 2018 3:25 PM
To: Overton, Mark <Mark.Overton@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>; Joseph, Gabriel <Gabriel.Joseph@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hi Mark

Thank you for your email dated 21 February 2018 regarding the operational acceptance for the offsite works at the above location.

DRC's preference would be for the civil and landscape (consolidation) components of the project to be handed over together at the same time. The main reason for this is to avoid any dispute arising as a result of damage caused to any civil assets. It is very difficult for DRC to verify whether the damage is caused by the landscape contractors or by an unknown third party.

Once the civil works are completed and handed over to TCCS, the path and other facilities have to be opened for public use. It may not be safe for the pedestrians to use these paths when landscape contractors with machinery are in and around the area. Also there are several surcharge structures included in this project which require pavers or other form of landscape erosion control measures. Further meeting the CRA deadlines is not a valid reason for DRC to accept partially completed works.

Considering the above and the SLA's internal commitments, DRC would agree for Staged Handing Over provided that you agree for the following:

1. SLA to give a written undertaking that the landscape work will be completed and ready for consolidation commencement within 6 weeks from the date of civil works handover or other time period agreed by DRC. **SLA will be in a position to have the soft landscape works completed within 6 weeks of receipt of OA.**
2. A staged processing fees of $3300 is paid and the staging plan approved. **Cardno to prepare and submit a staging plan for approval. SLA will pick up the tab for the review of the staging plan.**
3. SLA is to give an undertaking that they will be responsible for rectifying any damage caused to any of the civil assets irrespective of whether the damage is caused by the landscape contractors or by an unknown third party during the period between the civil handover and the start of the landscape consolidation period. **Please accept this email as an official confirmation that SLA will rectify any third party damage the site may incur during the period between issuing OA for civil infrastructure and the commencement of the soft landscape consolidation period.**
4. SLA to take all public liabilities resulting from damage to property or person during the period between the civil works handover and the start of landscape consolidation period. **Please accept this email as an official confirmation that SLA will rectify any third party damage the site may incur during the period between issuing OA for civil infrastructure and the commencement of the soft landscape consolidation period.**
5. The remaining work is carried out under an approved TTM wherever applicable. **SLA agree**
6. If there is a flooding before landscape handover, a second inspection of the stormwater pipes would be necessary to confirm there is no soil intrusion into the pipes. **SLA agree**

Your Option 2 cannot be considered as it is not possible to include all the uncompleted works in the defects list. Further before lodging the operational acceptance documentation you should ensure that all civil works have been completed on site. If you have any query or concern on the above please feel free to contact me.

Regards

Lingam Jatheendran | Chief Engineer Development Review & Coordination
Phone 02 6207 6592 | Email: Lingam.Jatheendran@act.gov.au
Capital Works and Development Support | Transport Canberra and City Services Directorate | **ACT Government**
496 , Northbourne Avenue, Dickson, GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Overton, Mark
Sent: Wednesday, 21 February 2018 3:35 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hi Lingam

Further to your kind offer below I respectfully request your assistance. This project was presented to DRC to be completed in one stage (civil and landscape together). We are literally reviewing the construction program on a daily basis trying to find ways in which to achieve Operational Acceptance from all authorities prior to our 11 April 2018 deadline. The soft landscape works will not be ready to be placed on consolidation on that date. So we have two options:

1. SLA submits to DRC a revised staging plan separating the soft landscape works from the civil works; or
2. When SLA submits our Operational Acceptance pack to DRC we list soft landscape works as a defect and commit to a set date for completion of those work.

I would appreciate your advice on your preferred way forward to assist us achieving Operational Acceptance by 11 April 2018. Letter of Design Review and associated site plan is attached for your reference.

Hear from you soon.

Regards

Mark

From: Jatheendran, Lingam
Sent: Wednesday, 24 January 2018 2:17 PM
To: Overton, Mark <Mark.Overton@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Mark

Thank you for email informing the progress of work on site and we will take all necessary steps and effort to achieve your target dates.

Regards

Lingam Jatheendran | Chief Engineer Development Review & Coordination
Phone 02 6207 6592 | Email: Lingam.Jatheendran@act.gov.au
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From: Overton, Mark
Sent: Wednesday, 24 January 2018 1:48 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>; Pooley, John <John.Pooley@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hello again Lingam & Jeff

Attached is our current program for this project that we have requested your assistance in ensuring a smooth OA process. Whilst I appreciate that the SLA is always requesting your assistance in this matter this project is of particular importance. We have been liaising with all service providers to ensure that they are aware of our program and requesting that they assist us with the relevant approvals and we are receiving their support. ICON are attending regular site meetings so that they know what is going on. ZNX has also attended a site meeting.

The attached program illustrates that, as of 18/1/18, we are targeting an OA submission date for TCCS assets in Separable Portion 2 (and part of SP 3) on the 22nd March 2018. The program has allowed 3 weeks for the full process to occur with a drop dead date of 11 April to receive the OA certificate from TCCS.

Should you require further information or wish to discuss anything please let me know.

Regards

Mark

From: Overton, Mark
Sent: Friday, 12 January 2018 2:00 PM
To: Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>; Bell, Jeff <Jeff.Bell@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>; Abeysekera, Ruwan <Ruwan.Abeysekera@act.gov.au>
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Thanks Lingam.

We have every intention of doing as you suggested, I was just fishing around for any suggestions both parties might have to streamline the process. If you think of anything let me know and I will do the same.

Regards

Mark

From: Jatheendran, Lingam
Sent: Friday, 12 January 2018 8:38 AM

To: Overton, Mark; Bell, Jeff
Cc: Stroud, Joanne; Abeysekera, Ruwan
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Hi Mark

We are always here to help you. Please make sure all the offsite works as per approved design are constructed and operational acceptance documentations submitted in mid-March 2018. This will give enough time for DRC to assess the documentation, inspect the site and rectification of any defects if any identified.

Regards

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Connected services for the people of Canberra

From: Overton, Mark
Sent: Thursday, 11 January 2018 3:41 PM
To: Bell, Jeff <Jeff.Bell@act.gov.au>; Jatheendran, Lingam <Lingam.Jatheendran@act.gov.au>
Cc: Stroud, Joanne <Joanne.Stroud@act.gov.au>
Subject: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

Good afternoon Jeff & Lingam

SLA commenced civil works on-site at Section 28 Greenway (Mortimer Lewis Drive) to develop a new estate with three serviced multi unit blocks (refer attached) in December 2017. To achieve our settlement target we need OA from TCCS and other parties by 11th April 2018. There will not be a lot of assets for TCCS to accept however we request your assistance in achieving this 11th April 2018 deadline. Verge footpaths and driveways will be delivered by the individual developers so as far as TCCS is concerned there is stormwater, minor kerb works and pavement infill, stone pitching and concrete paths within open space (overland flow paths).

Can we have a chat about how we go about achieving this deadline as smoothly as possible? ICON Water and ZNX are attending regular site meetings so that they are across our progress and standard of works. Maybe we could extend similar invites to your relevant staff member(s).

I will call to chat.

Mark

Mark Overton
Urban Projects T: 02 6207 6899
Suburban Land Agency | ACT Government
TransACT House, 470 Northbourne Avenue, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601

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To: Overton, Mark; Bell, Jeff
Cc: Stroud, Joanne; Abeysekera, Ruwan; Pooley, John
Subject: RE: Greenway Section 28 - SLA estate [SEC=UNCLASSIFIED]

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Mark

Mark Overton
Urban Projects **T:** 02 6207 6899

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Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

Project Application Details

This section of the Waste and Recycling Management Plan must be completed by all applicants. Please provide an overview of the project and applicant details.

SITE DETAILS	
Unit No.: (if applicable)	Block: 5
Section: 28	Suburb: GREENWAY
District:	Post Code:
Street No. & Name:	

APPLICANT DETAILS	
Applicant/Agent:	[redacted]
Telephone (Business Hours):	[redacted]
Mobile:	
Facsimile:	
Email:	[redacted]

PROJECT DETAILS

Project Type:

- ☐ Single dwelling & dual occupancy dwellings
- ☒ Multi-unit residential development (complete Section 2.1)
- ☐ Commercial, public & industrial development (complete Section 2.2)
- ☐ Mixed use development (complete Sections 2.1 and 2.2)

Brief Project Description: Multi unit residential development consisting of 6 Townhouses, 16 units and 3 accessible dwellings, Car Parking and pathways and supporting infrastructure. The site is to be accessed by Mortimer Lewis drive to the west.

Building and other structures currently on site:

the site is currently undeveloped with trees located to the south and east Boundaries

SIGNATURE

Signature of Applicant:	[redacted]	Date: 06/06/2017

THIS SECTION APPLIES TO THE FOLLOWING

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

Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

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 Section 2.3 of The Code. Submission requirements are stated in Section 2.4. Where appropriate, please provide plans showing details to support the application.

STORAGE FACILITIES	
Control C1 – Internal Waste and Recycling Space	
I) Location and dimensions of internal waste and recycling storage space for each dwelling type *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C1 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

Control C2 – External Waste and Recycling Storage Area	
I) Location and dimensions of external individual or communal waste and recycling storage area *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C3 (Section 2.3) of The Code	☐ Yes ☐ No
Satisfies Appendix 3 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

PATH OF TRAVEL	
Control C3 – Clear Path of Travel	
I) Path of travel for moving Bins from storage area to collection point *(Please provide details of travelling distance and clearance)*	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

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 – Clear Path of Travel	
i) Path of travel for moving bins from storage area to collection point *(Please provide details of travelling distance and clearance)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C3 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COLLECTION POINT	
Control C4 – C5 Kerbside Collection Point	
i) **Location of designated kerbside collection point, including dimensions of available kerb frontage and indicative presentation layout of MGBs on kerbside**	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Control C4 and C5 (Section 2.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

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 C3 (Section 4.3) – Separation of residential and non residential waste	
i) Identify how residential and non residential waste and recycling will be kept separate and methods that minimise the potential for commercial tenants to use residential waste and recycling bins	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N A
Development Satisfies Control C3 (Section 4.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

THIS SECTION APPLIES TO THE FOLLOWING
• Development Applications for new multi-unit residential developments; • Development Applications for alterations/additions to existing multi-unit residential developments if there is an effect on the provision of waste and recycling management; and • Development Applications for new mixed use developments involving multi-unit residential developments.

Controls for these developments are included in Section 2.5 of The Code. Submission requirements are stated in Section 2.6. Where appropriate, please provide details on plans to support your application.

STORAGE FACILITIES	
Control C6 – Internal Waste and Recycling Storage	
I) **Location and dimensions of internal waste and recycling storage space for each dwelling type** *(Please provide calculations to demonstrate adequacy of space)*	
Description: Refer Architectural Drawings.	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Control C6 (Section 2.5) of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

Control C7 – External Waste and Recycling Storage Facility	
I) **Location and dimensions of communal waste and recycling enclosure, and if applicable, designated bin collection point** *(Please provide calculations to demonstrate adequacy of space)*	
Description: ~~There~~ Two communal waste and recycling enclosures are proposed for the site.	
Details Shown on Drawing	☒ Drawing Reference: C060.
Development Satisfies Control C7 (Section 2.5) of The Code	☒ Yes ☐ No

Waste and Recycle Management Code for the ACT

WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

Development Satisfies Appendix 7 of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied	
II) How will waste and recycling be transferred from each dwelling to external storage area?	
Description: Residents are required to empty collected household waste and recycle by carrying this waste in bags/ kitchen bins to their designated waste enclosure	
Details Shown on Drawing	☒ Drawing Reference: C040

PATH OF TRAVEL	
Control C8 – Path of Travel	
i) Path of travel for moving Bins from dwelling to storage area and to collection point *(Please provide plan of travelling distance, clearance and gradients.)*	
Description: There is a clear path of travel between dwellings and ~~waste~~ designated waste areas. Refer civil plan C070	
Details Shown on Drawing	☒ Drawing Reference: C070
Development Satisfies Control C8 (Section 2.5) of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

MULTI-UNIT RESIDENTIAL DEVELOPMENTS– GARBAGE CHUTES, SERVICE LIFTS, COMPACTION EQUIPMENT ETC	
This section applies to residential apartment buildings above three (3) storeys	
Control C9 – Convenient access to waste and recycling services for all residents	
i) Location and details of any waste and recycling service lifts and associated waste service compartments *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
ii) Location and details of any garbage chutes *(Please provide calculations to demonstrate adequacy of equipment)*	
Description: N/A	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 8 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COLLECTION POINT	
Control C10 – Collection Point	
i) Location of designated collection point and/or hopper pad/s	
Description: There are two proposed designated waste enclosures for the site, one to the North of the central units and one to the North of the units on the South.	
Details Shown on Drawing	☒ Drawing Reference: C060
Development Satisfies Control C10 (Section 2.5) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.1(b) – Multi-Unit Residential Development
(Serviced by Waste Hoppers & Shared Recycling MGBs or Waste and Recycling Hoppers Collected within the Property Boundary)

VEHICULAR ACCESS	
Control C11 – Collection Point	
I) **Path of travel for collection vehicles (if collection occurs on-site)** *(Please provide details of travelling distance, clearance in all directions, loading heights and widths, turning and manoeuvring paths, ramp access, clearances and gradients and pavement details including certification of compliance with AS 2890.1–2004)*	
Description: 12.5m HRV with clearances to AS2890.2 requirements.	
Details Shown on Drawing	☒ Drawing Reference: COBO - WASTE PICK UP TURNING CIRCLE
Development Satisfies Appendix 6 of The Code	☒ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

COMPLETE IF DEVELOPMENT IS PART OF A MIXED USE DEVELOPMENTS ONLY	
Control C1 (Section 4.3) – Separation of residential and non residential waste	
I) **Identify how residential and non residential waste and recycling will be kept separate and methods that minimise the potential for commercial tenants to use residential waste and recycling bins**	
Description:	
Details Shown on Drawing	☐ Drawing Reference:
Development Satisfies Control C1 (Section 4.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

THIS SECTION APPLIES TO THE FOLLOWING
• Development Applications for new commercial, public or industrial development; • Development Applications for alterations/additions to existing commercial, public or industrial development if there is an effect on the provision of waste and recycling management; and • Development Applications for new mixed use developments involving commercial, public or industrial development.

Controls for these developments are included in Section 3.3 of The Code. Submission requirements are stated in Section 3.4. Where appropriate, please provide details on plans to support your application.

WASTE AND RECYCLING GENERATION

Control C1 – Waste and Recycling Generation

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

Description:

Premises Type	Floor Area (m^2)	Generation Rate		Waste (L/week)	Recycling (L/week)	Bin Size (L or m^3)	Number of bins
		Waste	Recycling				

In completing this table reference is made to Appendix 4– Waste and Recycling Generation Rates for Commercial, Public and Industrial Developments

Development Satisfies Appendix 3 if includes Residential component	☐ Yes ☐ No

Please provide details if Code requirements are not satisfied and proposed alternatives

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

STORAGE FACILITIES	
Control C1-C2 – Waste and Recycling Storage Facilities	
i) Location of individual waste and recycling storage areas, any communal storage areas and refrigerated waste storage areas for the entire development *(Please provide calculations to demonstrate adequacy of space)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 4 of The Code	☐ Yes ☐ No
Development Satisfies Appendix 7 of The Code	☐ Yes ☐ No
Development Satisfies Controls C1 and C2 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

PATH OF TRAVEL	
Control C3 – Path of Travel	
i) Path of travel of waste and recycling to be transferred from point of origin to waste and recycling storage areas *(Please provide details of clearances, gradients and any mitigation of odour and noise impacts)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Control C3 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

COLLECTION POINT	
Control C4 – Collection Point	
I) **Location of designated collection point and/or hopper pad/s**	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Please provide details if Code requirements are not satisfied and proposed alternatives	
II) **Path of travel for moving bins from storage area to designated bin collection point** *(Please provide travelling distance, clearance and gradients.)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
III) **Path of travel for collection vehicles (if collection occurs on-site)** *(Please provide details of travelling distance, clearance, turning and manoeuvring paths, ramp access and pavement details to demonstrate compliance with AS 2890.2–2002.)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
Development Satisfies Appendix 6 of The Code	☐ Yes ☐ No
Development Satisfies Control C4 (Section 3.3) of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 2 – Design and Operation of Waste and Recycling
Section 2.2 – Commercial, Public and Industrial Developments

GARBAGE CHUTES, SERVICE LIFTS, COMPACTION EQUIPMENT ETC	
Control C3 – Garbage chutes, service lifts, compaction equipment etc	
i) **Location and details of any garbage chutes** *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
ii) **Location and details of any waste and recycling service lifts** *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: _____
iii) **Location and details of any waste compaction equipment** *(Please provide calculations to demonstrate adequacy of equipment)*	
Description:	
Details Shown on Drawing	☐ Drawing Reference: N/A
Development Satisfies Appendix 8 of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

THIS SECTION APPLIES TO THE FOLLOWING
▪ Demolition – All Development Applications involving demolition where the quantity of demolition material will be greater than 20m^3 for the whole development
▪ Excavation – All Development Applications involving excavation where the quantity of excavated material will be greater than 20m^3 for the whole development; and
▪ Construction – Development Applications multi-unit residential developments with 11 dwellings or more and any commercial, public and industrial developments and mixed use developments.

Controls for these developments are included in Section 1.2 of Part C of The Code. Submission requirements are stated in Section 1.3 of Part C of The Code. Where appropriate, please provide details on plans to support your application.

NOTE: No WRMP is required unless any proposed demolition or excavation activities generate more than 20m^3 of waste for the whole development.

WASTE TYPES AND QUANTITIES	
Control C1 – Demolition, Excavation and Construction Waste Types and Quantities	
I)	**Specify demolition, excavation and construction waste materials by type and volume and/or tonnage**
Description: NIL **Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)**	

ON-SITE MANAGEMENT OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE	
Control C2 – On-site Management of Waste	
I)	**Nominate on-site sorting and storage areas for demolition, excavation and construction waste materials. This is to be shown on a draft site plan**
Description: THIS IS TO BE COMPLETED BY THE BUILDER & SUBMITTED FOR APPROVAL PRIOR TO DA.	
Details Shown on Drawing	☐ Drawing Reference: N/A
II)	**Describe the work method practices and specific procedures to be adopted to maximise the reuse and recycling of waste materials**
Description:	

DEVELOPMENT CONTROL CODE FOR
BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T.
WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

iii) Identify access for demolition and construction waste collection vehicles	
Description: Refer to Site Plan. Proposed driveways used by vehicles to access during construction.	
Details Shown on Drawing	☐ Drawing Reference: ✓
iv) Details of waste/recycling storage containers/skips to be stored outside leased boundaries (Separate approval is required from Ranger Services)	
Description: SEE C2-i)	
Details Shown on Drawing	☐ Drawing Reference:
Development Satisfies Control C2 of Part C of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

RESUSE AND RECYCLING OF DEMOLITION, EXCAVATION AND CONSTRUCTION WASTE	
Control C2 – Demolition, Excavation and Construction Waste Reuse and Recycling Potential	
i) Details of reuse and recycling potential (either on-site and/or off-site) for demolition, excavation and construction waste	
Description: SEE C2-i) Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)	
Details Shown on Drawing	☐ Drawing Reference:
ii) Name and location of approved licensed sites for recycling/reprocessing and/or landfill disposal of demolition, excavation and construction waste materials	
Description: SEE C2-i) Note this information can be shown on Table 3.1 (Demolition Waste) and/or Table 3.2 (Construction Waste)	
Development Satisfies Control C2 of Part C of The Code	☐ Yes ☐ No
Please provide details if Code requirements are not satisfied and proposed alternatives	

DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

TABLE 3.1 DEMOLITION WASTE

Type of Material Generated	Estimated		REUSE/RECYCLING OF DEMOLITION WASTE						DISPOSAL AT LANDFILL		
			ON-SITE			OFF-SITE					
	Vol (m^3)	Wt (T)	Proposed Reuse and Recycling On-site	Estimated Vol (m^3)	Estimated Wt (T)	Name of Receiving Recycling Outlet(s) and/or Reuse Sites	Estimated Vol (m^3)	Estimated Wt (T)	Name of Landfill Site	Estimated Vol (m^3)	Estimated Wt (T)
Excavation material											
Green waste											
Bricks											
Concrete											
Timber (please specify)											
Plasterboard/Gyprock											
Metals (please specify)											
Asbestos/Hazardous											
Other (please specify)											
TOTAL											
PERCENTAGE OF TOTAL											

NOT APPLICABLE BUILDER TO DA PREPARED BY APPROVED TRUCK TO BE SUBMITTED FOR

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DEVELOPMENT CONTROL CODE FOR BEST PRACTICE WASTE MANAGEMENT IN THE A.C.T. WASTE & RECYCLING MANAGEMENT PLAN FORM

Section 3 – Demolition, Excavation and Construction

TABLE 3.2 CONSTRUCTION WASTE

Type of Material Generated	Estimated		REUSE/RECYCLING OF CONSTRUCTION WASTE					DISPOSAL AT LANDFILL		
			ON-SITE			OFF-SITE				
	Vol (m^3)	Wt (T)	Proposed Reuse and Recycling On-site	Estimated Vol (m^3)	Estimated Wt (T)	Name of Receiving Recycling Outlet(s) and/or Reuse Sites	Estimated Vol (m^3) / Wt (T)	Name of Landfill Site	Estimated Vol (m^3)	Estimated Wt (T)
Excavation Material										
Bricks										
Concrete										
Timber (please specify)										
Plasterboard/Gyprock										
Metals (please specify)										
Cardboard										
Plastics										
Mixed waste										
Other (please specify)										
TOTAL										
PERCENTAGE OF TOTAL										

NOT APPLICABLE AS BUILDER PRIOR TO DA APPROVAL

TO BE SUBMITTED FOR

From: Buddhadasa, Ajith
Sent: Friday, 19 May 2017 8:31 AM
To: Perera, Chandra
Cc: Bell, Jeff
Subject: RE: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

Hello Chandra

The below advice from TCCS is bit confusing.
While it states that the proposal is supported with conditions, it also states that TCCS required further information. Can you please advice when TCCS require further information i.e. during the assessment of the DA (means now) or during the Design Acceptance stage.

Happy to discuss.

Regards

Ajith Buddhadasa | Senior Development Assessment Officer
Phone 02 6205 1550 | Fax +61 2 6207 1856
Development Assessment Branch | Environment, Planning and Sustainable Development Directorate | **ACT Government**
Dame Pattie Menzies House, Challis Street, Dickson | GPO Box 158 Canberra ACT 2601 | www.environment.act.gov.au

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From: Perera, Chandra
Sent: Thursday, 18 May 2017 10:58 AM
To: EPD, Customer Services
Cc: TCCS_SPATAS DA COORD
Subject: COMM-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192

PROJECT DESCRIPTION:

PROPOSAL FOR PUBLIC WORKS - CONSTRUCTION OF SITE SERVICING ALONG MORTIMER LEWIS DRIVE INCLUDING STORMWATER, WATER, SEWER AND SHARED TRENCH. UPGRADE OF THE EXISTING KERB ON MORTIMER LEWIS DRIVE AND BULK EARTHWORKS. REMOVAL OF EXISTING TREES AND PROPOSED SEWER PUMP STATION TO SERVICE BLOCKS 4 AND 5 AND SEWER RISING MAIN TO CONNECT ACROSS DRAKEFORD DRIVE.

BLOCK: 6	**SECTION: 28**	**SUBURB: GREENWAY**

This DA has been assessed in regards to the following:

Traffic		**Driveways/Verge Crossings**	
On Street / Public Parking		**Sightlines**	

Bus Stop/Public Transport (Action)		LMPP/Street Trees	X
Waste Management		Street Lighting	
Stormwater easement	X	Pedestrian Footpath	X
Stormwater Tie		Service / Access Easement	X
Demolition		Estate Development Plan (EDP)	
Further Information		Amendments/Additions/Alterations	X
Lease Variation		Capital Works	

X = Areas Assessed. X

And TCCS' position is:

That It Is Supported	
That It Is Supported Subject to Compliance With The Following Conditions	X
That Further Information Is Required	X
That It Is Not Supported	

Conditions

VERGE

1. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

STORMWATER

1. No structure and/or filling are permitted to be placed over the 1 in 100 year ARI overland flow path.
2. Provide hydraulic analysis of overland flow path through the site for both pre- developed and post- developed scenarios at the detail Design Stage
3. The Stormwater Plan is supported and must be resubmitted at the Design Acceptance stage.

VERGE

4. Provide a Landscape Management and Protection Plan that outlines site specific measures to minimise damage to trees that will be retained during the installation of services, construction of new paths and other ground works.

TREES

5. Tree assessment information is incomplete and information is needed regarding trees located on public land. The vegetation assessment and survey plan (DSB Tree Assessment Report 3320 dated 22 March 2016) does not include trees located within the Drakeford Drive to Mortimer Lewis Drive road reserve adjacent to Blocks 3, 4, 5, 6 and 7 Section 28 Greenway or in Block 23 Section 20 (urban open space). Tree locations have also not been captured in the other plans that have been submitted with the development proposal. Please detail the location, species, size and condition of all public trees that may be impacted by works and clearly indicate all proposed tree removals.
6. Install the new water and sewer mains using trenchless methodology (i.e. underboring beneath 650mm) where routed within tree protection zones (canopy plus 2m) excluding sections aligned beneath existing road pavement. Service access pits should be located outside Tree Protection Zones.
7. Urban Treescapes can support the sewer pump station as shown on the Sewer Pump Station Access plan (50157027-C-1026 Rev A) however please indicate which small trees will require removal. Please also confirm the log barriers that will be removed adjacent to sewer pump will

be replaced once the sewer pump access bay has been constructed to prevent vehicles gaining access into the urban open space around Lake Tuggeranong (*Place Management may wish to provide further advice*).

8. **New tree plantings may be needed to replace the trees that will be removed depending on the number of tree removals that are proposed to facilitate offsite works. In this case a Landscape Plan will be needed to show the location of new trees planted to offset tree removals and also detail the planting methodology.**

PEDESTRIAN NETWORK

9. **The shared path to be constructed in accordance with TCCS standards.**

Standard Conditions

Following general conditions will apply as appropriate for Works on and Use of Territory Land in addition to the above:

In accordance with the Public Unleased Land Act 2013 no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

Design Review and Operational Acceptance

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06:"Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

Temporary Traffic Management (TTM)

A TTM plan approval from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

Landscape Management & Protection Plan (LMPP)

LMPP approval from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04.

Use of Verges or other Unleased Territory land

In accordance with the Public Unleased Land Act 2013, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Additional Comments/Advice (as advice to EPSDD only, and not to be included in the Notice of Decision)

1. **Nil**

Kind regards,

Chandra (Wije) Perera | Senior Project Engineer Development Review & Coordination
Phone 02 62059032 | Email: rchandra.perera@act.gov.au
Strategy, Innovation and Customer Experience | Transport Canberra and City Services Directorate | **ACT Government**
496 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au

Connected services for the people of Canberra

From: Breitkopf, Katherine **On Behalf Of** EPD, Customer Services
Sent: Wednesday, 26 April 2017 4:04 PM
To: TCCS_SPATAS DA
Subject: REFERRAL-TCCS-LAND CUSTODIAN-201731192-6/28 GREENWAY-01 [SEC=UNCLASSIFIED]

DEVELOPMENT APPLICATION NO: 201731192
BLOCK: 6 **SECTION:** 28 **DIVISION:** GREENWAY

Description - PROPOSAL FOR PUBLIC WORKS - Construction of site servicing along Mortimer Lewis Drive including stormwater, water, sewer and shared trench. Upgrade of the existing kerb on Mortimer Lewis Drive and bulk earthworks. Removal of existing trees and proposed sewer pump station to service Blocks 4 and 5 and sewer rising main to connect across Drakeford Drive.

Pursuant to Section 148(1) of the *Planning and Development Act 2007* the ACT Planning and Land Authority requests that you consider the abovementioned development

application and provide any written advice no later than **15 working days** after the date of this notice **(17/05/2017).**

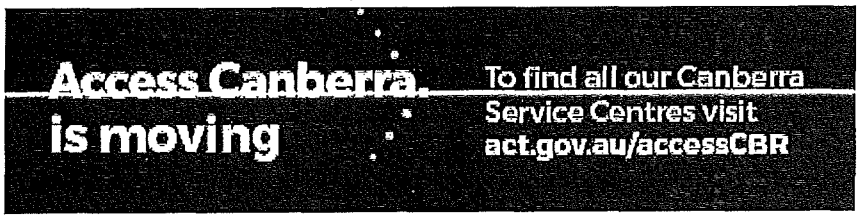
In accordance with Section 150 of the *Planning and Development Act 2007* If advice is not received within the prescribed time it will be taken that you have supported the application.

Please forward any written advice via email to Customer Services
EPDcustomerservices@act.gov.au

Please use the following format in the subject line of the email when providing advice:
COMM-Agency Name-201 40XXXX-Block XX Section XX SuburbXXXXX-01
Example: COMM-TAMS-201401234-10/10 Dickson-01

Kind Regards

Katherine
Phone 6207 1923
EPDCustomerService@act.gov.au
www.act.gov.au/accesscbr
Access Canberra | ACT Government
16 Challis Street, Dickson | GPO Box 158 Canberra ACT 2601



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