

DA Form 1 – Development application details

Approved form (version 1.1 effective 22 JUNE 2018) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

For a development application involving **building work associated with any other type of assessable development (i.e. material change of use, operational work or reconfiguring a lot)**, use this form (*DA Form 1*) and parts 4 to 6 of *DA Form 2 – Building work details*.

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

Note: All terms used in this form have the meaning given under the *Planning Act 2016*, the *Planning Regulation 2017*, or the *Development Assessment Rules (DA Rules)*.

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) <i>(individual or company full name)</i>	Jim Papas Civil Engineering Designer Pty. Ltd.
Contact name <i>(only applicable for companies)</i>	Jim Papas
Postal address <i>(P.O. Box or street address)</i>	P.O. Box 2347
Suburb	Mareeba
State	Qld
Postcode	4880
Country	Australia
Contact number	0408770394
Email address <i>(non-mandatory)</i>	jim@jpced.com.au
Mobile number <i>(non-mandatory)</i>	0408770394
Fax number <i>(non-mandatory)</i>	None
Applicant's reference number(s) <i>(if applicable)</i>	1300

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
<input type="checkbox"/> Yes – the written consent of the owner(s) is attached to this development application
<input type="checkbox"/> No – proceed to 3)

PART 2 – LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)

Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see DA Forms Guide: Relevant plans.

3.1) Street address and lot on plan

Street address **AND** lot on plan (all lots must be listed), **or**

Street address **AND** lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon; all lots must be listed).

a)	Unit No.	Street No.	Street Name and Type	Suburb
			Tati Road	Miallo
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4870			Douglas Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row. Only one set of coordinates is required for this part.

Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	

Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	

3.3) Additional premises

Additional premises are relevant to this development application and their details have been attached in a schedule to this application

Not required

4) Identify any of the following that apply to the premises and provide any relevant details

In or adjacent to a water body or watercourse or in or above an aquifer

Name of water body, watercourse or aquifer:

On strategic port land under the *Transport Infrastructure Act 1994*

Lot on plan description of strategic port land:

Name of port authority for the lot:

In a tidal area

Name of local government for the tidal area (if applicable):

Name of port authority for tidal area (if applicable):

On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*

Name of airport:

<input type="checkbox"/> Listed on the Environmental Management Register (EMR) under the <i>Environmental Protection Act 1994</i>	
EMR site identification:	
<input type="checkbox"/> Listed on the Contaminated Land Register (CLR) under the <i>Environmental Protection Act 1994</i>	
CLR site identification:	

5) Are there any existing easements over the premises?
Note: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see [DA Forms Guide](#).

Yes – All easement locations, types and dimensions are included in plans submitted with this development application

No

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect			
a) What is the type of development? <i>(tick only one box)</i>			
<input type="checkbox"/> Material change of use	<input type="checkbox"/> Reconfiguring a lot	<input checked="" type="checkbox"/> Operational work	<input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>			
<input checked="" type="checkbox"/> Development permit	<input type="checkbox"/> Preliminary approval	<input type="checkbox"/> Preliminary approval that includes a variation approval	
c) What is the level of assessment?			
<input checked="" type="checkbox"/> Code assessment	<input type="checkbox"/> Impact assessment <i>(requires public notification)</i>		
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i> Upgrading works to be funded by the Applicant			
e) Relevant plans <i>Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms guide: Relevant plans.</i>			
<input checked="" type="checkbox"/> Relevant plans of the proposed development are attached to the development application			
6.2) Provide details about the second development aspect			
a) What is the type of development? <i>(tick only one box)</i>			
<input type="checkbox"/> Material change of use	<input type="checkbox"/> Reconfiguring a lot	<input type="checkbox"/> Operational work	<input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>			
<input type="checkbox"/> Development permit	<input type="checkbox"/> Preliminary approval	<input type="checkbox"/> Preliminary approval that includes a variation approval	
c) What is the level of assessment?			
<input type="checkbox"/> Code assessment	<input type="checkbox"/> Impact assessment <i>(requires public notification)</i>		
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i>			
e) Relevant plans <i>Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans.</i>			
<input type="checkbox"/> Relevant plans of the proposed development are attached to the development application			

6.3) Additional aspects of development

- Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application
- Not required

Section 2 – Further development details**7) Does the proposed development application involve any of the following?**

Material change of use Yes – complete division 1 if assessable against a local planning instrument

Reconfiguring a lot Yes – complete division 2

Operational work Yes – complete division 3

Building work Yes – complete *DA Form 2 – Building work details*

Division 1 – Material change of use

Note: This division is only required to be completed if any part of the development application involves a material change of use assessable against a local planning instrument.

8.1) Describe the proposed material change of use

Provide a general description of the proposed use	Provide the planning scheme definition (include each definition in a new row)	Number of dwelling units (if applicable)	Gross floor area (m ²) (if applicable)

8.2) Does the proposed use involve the use of existing buildings on the premises?

Yes

No

Division 2 – Reconfiguring a lot

Note: This division is only required to be completed if any part of the development application involves reconfiguring a lot.

9.1) What is the total number of existing lots making up the premises?**9.2) What is the nature of the lot reconfiguration? (tick all applicable boxes)**

Subdivision (complete 10))

Dividing land into parts by agreement (complete 11))

Boundary realignment (complete 12))

Creating or changing an easement giving access to a lot from a construction road (complete 13))

10) Subdivision**10.1) For this development, how many lots are being created and what is the intended use of those lots:**

Intended use of lots created	Residential	Commercial	Industrial	Other, please specify:
Number of lots created				

10.2) Will the subdivision be staged?

Yes – provide additional details below

No

How many stages will the works include?

What stage(s) will this development application apply to?

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

Intended use of parts created	Residential	Commercial	Industrial	Other, please specify:
Number of parts created				

12) Boundary realignment

12.1) What are the current and proposed areas for each lot comprising the premises?

Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)

12.2) What is the reason for the boundary realignment?

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13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)

Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

Note: This division is only required to be completed if any part of the development application involves operational work.

14.1) What is the nature of the operational work?

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Road work | <input checked="" type="checkbox"/> Stormwater | <input type="checkbox"/> Water infrastructure |
| <input type="checkbox"/> Drainage work | <input checked="" type="checkbox"/> Earthworks | <input type="checkbox"/> Sewage infrastructure |
| <input type="checkbox"/> Landscaping | <input type="checkbox"/> Signage | <input type="checkbox"/> Clearing vegetation |
| <input type="checkbox"/> Other – please specify: <input style="width: 300px;" type="text"/> | | |

14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)

<input type="checkbox"/> Yes – specify number of new lots: <input style="width: 150px;" type="text"/>
<input checked="" type="checkbox"/> No

14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)

\$ 120,000

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application

Douglas Shire Council

16) Has the local government agreed to apply a superseded planning scheme for this development application?

- Yes – a copy of the decision notice is attached to this development application
- Local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
- No

PART 5 – REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for any referral requirements?

Note: A development application will require referral if prescribed by the Planning Regulation 2017.

No, there are no referral requirements relevant to any development aspects identified in this development application – proceed to Part 6

Matters requiring referral to the **Chief Executive of the Planning Regulation 2017:**

- Clearing native vegetation
- Contaminated land (*unexploded ordnance*)
- Environmentally relevant activities (ERA) (*only if the ERA have not been devolved to a local government*)
- Fisheries – aquaculture
- Fisheries – declared fish habitat area
- Fisheries – marine plants
- Fisheries – waterway barrier works
- Hazardous chemical facilities
- Queensland heritage place (*on or near a Queensland heritage place*)
- Infrastructure – designated premises
- Infrastructure – state transport infrastructure
- Infrastructure – state transport corridors and future state transport corridors
- Infrastructure – state-controlled transport tunnels and future state-controlled transport tunnels
- Infrastructure – near a state-controlled road intersection
- On Brisbane core port land near a State transport corridor or future State transport corridor
- On Brisbane core port land – ERA
- On Brisbane core port land – tidal works or work in a coastal management district
- On Brisbane core port land – hazardous chemical facility
- On Brisbane core port land – taking or interfering with water
- On Brisbane core port land – referable dams
- On Brisbane core port land - fisheries
- Land within Port of Brisbane's port limits
- SEQ development area
- SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and recreation activity
- SEQ regional landscape and rural production area or SEQ rural living area – community activity
- SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
- SEQ regional landscape and rural production area or SEQ rural living area – urban activity
- SEQ regional landscape and rural production area or SEQ rural living area – combined use
- Tidal works or works in a coastal management district
- Reconfiguring a lot in a coastal management district or for a canal
- Erosion prone area in a coastal management district
- Urban design
- Water-related development – taking or interfering with water
- Water-related development – removing quarry material (*from a watercourse or lake*)
- Water-related development – referable dams
- Water-related development – construction of new levees or modification of existing levees (*category 3 levees only*)
- Wetland protection area

Matters requiring referral to the **local government:**

- Airport land
- Environmentally relevant activities (ERA) (*only if the ERA have been devolved to local government*)
- Local heritage places

Matters requiring referral to the chief executive of the distribution entity or transmission entity: <input type="checkbox"/> Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The Chief executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Brisbane core port land
Matters requiring referral to the Minister under the <i>Transport Infrastructure Act 1994</i>: <input type="checkbox"/> Brisbane core port land (inconsistent with Brisbane port LUP for transport reasons) <input type="checkbox"/> Strategic port land
Matters requiring referral to the relevant port operator: <input type="checkbox"/> Land within Port of Brisbane's port limits (below high-water mark)
Matters requiring referral to the Chief Executive of the relevant port authority: <input type="checkbox"/> Land within limits of another port (below high-water mark)
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works, or work in a coastal management district in Gold Coast waters
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works marina (<i>more than six vessel berths</i>)

18) Has any referral agency provided a referral response for this development application?		
<input type="checkbox"/> Yes – referral response(s) received and listed below are attached to this development application <input checked="" type="checkbox"/> No		
Referral requirement	Referral agency	Date of referral response
Identify and describe any changes made to the proposed development application that was the subject of the referral response and the development application the subject of this form, or include details in a schedule to this development application (<i>if applicable</i>).		

PART 6 – INFORMATION REQUEST

19) Information request under Part 3 of the DA Rules
<input checked="" type="checkbox"/> I agree to receive an information request if determined necessary for this development application <input type="checkbox"/> I do not agree to accept an information request for this development application Note: <i>By not agreeing to accept an information request I, the applicant, acknowledge:</i> <ul style="list-style-type: none"> • <i>that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties</i> • <i>Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.</i> <i>Further advice about information requests is contained in the DA Forms Guide.</i>

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)

- Yes – provide details below or include details in a schedule to this development application
 No

List of approval/development application references	Reference number	Date	Assessment manager
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)

- Yes – a copy of the receipted QLeave form is attached to this development application
 No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid
 Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)

Amount paid	Date paid (dd/mm/yy)	QLeave levy number
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?

- Yes – show cause or enforcement notice is attached
 No

23) Further legislative requirements

Environmentally relevant activities

23.1) Is this development application also taken to be an application for an environmental authority for an **Environmentally Relevant Activity (ERA)** under section 115 of the *Environmental Protection Act 1994*?

- Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below
 No

Note: Application for an environmental authority can be found by searching “ESR/2015/1791” as a search term at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.

Proposed ERA number:		Proposed ERA threshold:	
Proposed ERA name:			

- Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.

Hazardous chemical facilities

23.2) Is this development application for a **hazardous chemical facility**?

- Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application
 No

Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.

Clearing native vegetation

23.3) Does this development application involve **clearing native vegetation** that requires written confirmation that the chief executive of the *Vegetation Management Act 1999* is satisfied the clearing is for a relevant purpose under section 22A of the *Vegetation Management Act 1999*?

Yes – this development application includes written confirmation from the chief executive of the *Vegetation Management Act 1999* (s22A determination)

No

Note: 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included, the development application is prohibited development.
2. See <https://www.qld.gov.au/environment/land/vegetation/applying> for further information on how to obtain a s22A determination.

Environmental offsets

23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a **prescribed environmental matter** under the *Environmental Offsets Act 2014*?

Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter

No

Note: The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.

Koala conservation

23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work within an assessable development area under Schedule 10, Part 10 of the Planning Regulation 2017?

Yes

No

Note: See guidance materials at www.des.qld.gov.au for further information.

Water resources

23.6) Does this development application involve **taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking overland flow water under the *Water Act 2000***?

Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the *Water Act 2000* may be required prior to commencing development

No

Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.qld.gov.au for further information.

DA templates are available from <https://planning.dsdmip.qld.gov.au/>. If the development application involves:

- Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
- Taking or interfering with water in a watercourse, lake or spring: complete DA Form 1 Template 2
- Taking overland flow water: complete DA Form 1 Template 3.

Waterway barrier works

23.7) Does this application involve **waterway barrier works**?

Yes – the relevant template is completed and attached to this development application

No

DA templates are available from <https://planning.dsdmip.qld.gov.au/>. For a development application involving waterway barrier works, complete DA Form 1 Template 4.

Marine activities

23.8) Does this development application involve **aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants**?

Yes – an associated *resource* allocation authority is attached to this development application, if required under the *Fisheries Act 1994*

No

Note: See guidance materials at www.daf.qld.gov.au for further information.

Quarry materials from a watercourse or lake

23.9) Does this development application involve the **removal of quarry materials from a watercourse or lake** under the *Water Act 2000*?

- Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development
 No

Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.qld.gov.au and www.business.qld.gov.au for further information.

Quarry materials from land under tidal waters

23.10) Does this development application involve the **removal of quarry materials from land under tidal water** under the *Coastal Protection and Management Act 1995*?

- Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development
 No

Note: Contact the Department of Environment and Science at www.des.qld.gov.au for further information.

Referable dams

23.11) Does this development application involve a **referable dam** required to be failure impact assessed under section 343 of the *Water Supply (Safety and Reliability) Act 2008* (the Water Supply Act)?

- Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application
 No

Note: See guidance materials at www.dnrme.qld.gov.au for further information.

Tidal work or development within a coastal management district

23.12) Does this development application involve **tidal work or development in a coastal management district**?

- Yes – the following is included with this development application:
 Evidence the proposal meets the code for assessable development that is prescribed tidal work (*only required if application involves prescribed tidal work*)
 A certificate of title
 No

Note: See guidance materials at www.des.qld.gov.au for further information.

Queensland and local heritage places

23.13) Does this development application propose development on or adjoining a place entered in the **Queensland heritage register** or on a place entered in a local government's **Local Heritage Register**?

- Yes – details of the heritage place are provided in the table below
 No

Note: See guidance materials at www.des.qld.gov.au for information requirements regarding development of Queensland heritage places.

Name of the heritage place:		Place ID:	
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Brothels

23.14) Does this development application involve a **material change of use for a brothel**?

- Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the *Prostitution Regulation 2014*
 No

Decision under section 62 of the Transport Infrastructure Act 1994

23.15) Does this development application involve new or changed access to a state-controlled road?

- Yes - this application will be taken to be an application for a decision under section 62 of the *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* being satisfied)
 No

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist	
I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17 <i>Note: See the Planning Regulation 2017 for referral requirements</i>	<input checked="" type="checkbox"/> Yes
If building work is associated with the proposed development, Parts 4 to 6 of <i>DA Form 2 – Building work details</i> have been completed and attached to this development application	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
Supporting information addressing any applicable assessment benchmarks is with development application <i>Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA Forms Guide: Planning Report Template.</i>	<input checked="" type="checkbox"/> Yes
Relevant plans of the development are attached to this development application <i>Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans.</i>	<input checked="" type="checkbox"/> Yes
The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (<i>see 21</i>)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable

25) Applicant declaration	
<input checked="" type="checkbox"/> By making this development application, I declare that all information in this development application is true and correct <input checked="" type="checkbox"/> Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the <i>Electronic Transactions Act 2001</i> <i>Note: It is unlawful to intentionally provide false or misleading information.</i>	
<p>Privacy – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website. Personal information will not be disclosed for a purpose unrelated to the <i>Planning Act 2016</i>, <i>Planning Regulation 2017</i> and the <i>DA Rules</i> except where:</p> <ul style="list-style-type: none"> such disclosure is in accordance with the provisions about public access to documents contained in the <i>Planning Act 2016</i> and the <i>Planning Regulation 2017</i>, and the access rules made under the <i>Planning Act 2016</i> and <i>Planning Regulation 2017</i>; or required by other legislation (including the <i>Right to Information Act 2009</i>); or otherwise required by law. <p>This information may be stored in relevant databases. The information collected will be retained as required by the <i>Public Records Act 2002</i>.</p>	

PART 9 – FOR OFFICE USE ONLY

Date received: Reference number(s):

Notification of engagement of alternative assessment manager	
Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	

Relevant licence number(s) of chosen assessment manager	
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QLeave notification and payment	
<i>Note: For completion by assessment manager if applicable</i>	
Description of the work	
QLeave project number	
Amount paid (\$)	
Date paid	
Date received form sighted by assessment manager	
Name of officer who sighted the form	

Jim Papas Civil Engineering Designer

PTY LTD. ABN 56 010 943 905. ACN 010 943 905

Design Excellence, Exceptional Service

The Chief Executive Officer,
Douglas Shire Council,
P.O. Box 723,
Mossman Qld 4873

April 4, 2019
1407 L01 Part 2

Attn: Mr. N. Beck

Dear Sir,

RE: PROPOSED SEALING OF AND UPGRADING TO TATI ROAD, MIALLO FOR S. & P. QU Aid

We submit the attached operational works application on behalf of Briley Consulting Pty. Ltd.

This application is not a result of any application to Council under any instrument and the works are to be undertaken by the Applicants voluntarily and at their cost.

We seek your approval of these proposals and request that you issue an "Operational Works" permit to allow construction to commence.

Yours faithfully,

JIM PAPAS CIVIL ENGINEERING
DESIGNER PTY. LTD.



JIM PAPAS

Jim Papas Civil Engineering Designer

COVER SHEET

OPERATIONAL WORKS APPLICATION FOR PROPOSED SEALING OF AND UPGRADING TO TATI ROAD, MIALLO

Job No. **1407**

Job Description: **Proposed Sealing of and Upgrading to Tati Road, Miallo.**

Client: **S. and P. Quaid**

LIST OF CONTENTS

Part 1: This Cover Sheet.

Part 2: Covering Letter.

Part 3: Design Approval.

Part 4: Design Report.

Part 5: Project Report

Part 6: Design Drawings in a separate volume.

ATTACHMENTS

IDAS Form 1

Statement of Compliance

Operational Works Receipting Checklist.

Design Drawings consist of A3 copies of Dwgs. 1407 C01 – C13 incl.

Jim Papas Civil Engineering Designer

PART 3 - DESIGN APPROVAL

3.01 PRELODGEEMENT DISCUSSIONS

No formal pre-lodgement discussions were held.

3.02 DESIGN REQUIREMENTS

We believe that this submission complies with the requirements of this section.

All aspects of this submission have been prepared under the direction of a Registered Professional Engineer Queensland. (RPEQ)

3.03 ADJOINING LAND OWNERS

No operational works are expected to be undertaken on adjoining property.
The next section is not applicable.

3.04 LOCAL AUTHORITY APPROVAL

Statement of Compliance is attached.
Approved drawings endorsed by RPEQ will be provided to Council as required.

3.05 APPROVAL OF OTHER AGENCIES

There are no referral agency conditions that are relevant to this application.

3.06 SUPPORTING INFORMATION

Design Plans: Copies attached.

Job Specification: None provided, information, which may be included in a Job Specification, is shown on the drawings.

Design Report: Copy attached.

Operational Works Application: Refer covering letter.

Prescribed Application Fee: the fee is to be paid under separate cover.

Evidence of Payment of Portable Long Service Leave and Occupational Health and safety fee: None provided, not applicable.

Jim Papas Civil Engineering Designer

PART4 - DESIGN REPORT

STATEMENT OF COMPLIANCE:

Copy of the completed Statement of Compliance is attached.

APPROVAL CONDITIONS

None applicable.

PRELODGE MENT DISCUSSIONS

No formal pre-lodgement discussions were held.

ADJOINING LANDOWNERS.

No operational works are expected to be undertaken on adjoining property.

EVIDENCE OF NEGOTIATIONS WITH SERVICE AUTHORITIES

Not applicable

ALTERNATIVE DESIGN

Not applicable.

STORMWATER DRAINAGE CALCULATIONS FOR DRAINAGE FEATURES

None applicable.

PERMANENT STORMWATER QUALITY STRUCTURES

Not applicable.

EROSION AND SEDIMENT CONTROL STRATEGY

Refer Dwg C03.

TRAFFIC MANAGEMENT PLAN

None provided at this time. Such a plan is properly the responsibility of the Contractor and if required, a plan will be provided at the pre-start meeting.

WATER RETICULATION NETWORK

Not applicable.

PAVEMENT DESIGN

Prior to design California Bearing Ratio (CBR) testing has not been undertaken for the site. The CBR is to be evaluated prior to construction by in situ CBR, and 4 day soaked CBR all performed by a NATA registered, materials testing authority using procedures prescribed by the Department of Main Roads and the Standards Association of Australia.

The pavement design shall be reassessed after completion of testing. For the purpose of the design the subgrade CBR is assumed to be 7.

GEOTECHNICAL REPORTS

Not applicable.

STRUCTURAL AND GEOTECHNICAL CERTIFICATION

Not applicable.

PUMPING STATIONS

None applicable.

STAGED DEVELOPMENT

Not applicable.

Jim Papas Civil Engineering Designer

MATERIALS

All materials selected for use in this project are to industry standard and in accordance with FNQROC Standard Specification. All such materials shall be installed in accordance with the manufacturer's specifications and requirements

PRICED BILL OF QUANTITIES

Not applicable

PART 5 - PROJECT REPORT

1.0 GENERAL DESCRIPTION

This application is not a result of any application to Council under any instrument and the works are to be undertaken by the Applicants voluntarily and at their cost.

The existing road is of gravel construction in a rural setting. The length of road effected by this application is about 710 metres.

The road verges are currently grassed with cattle fencing on both sides of the road. The land slopes gently from left to right at a slope of no more than 15%, more generally about 5%.

There are no known features on the site, which are detrimental to its development.

2.0 ROADWORKS

The road network is designed in accordance with FNQROC Design Manual, including Tableland Regional Council Specific Conditions.

All road pavements have been designed in accordance with FNQROC Design Manual, the Department of Main Roads "Pavement Design Manual" and the Australian Road Research Board (ARRB) "Special report 41 (1989) – A Structural Design Guide for Flexible Residential Street Pavements".

A design life of 20 years has been adopted for all pavements.

Prior to design California Bearing Ratio (CBR) testing has not been undertaken for the site. The CBR is to be evaluated prior to construction by in situ CBR, and 4 day soaked CBR all performed by an NATA registered materials testing authority using procedures prescribed by the Department of Main Roads and the Standards Association of Australia.

The pavement design shall be reassessed after completion of testing. For the purpose of the design the subgrade CBR is assumed to be 10.

3.0 STORMWATER DRAINAGE

There are two existing stormwater culverts under the existing road which are deemed to be adequate for purpose. These culverts are to be extended at the same size as shown on the attached drawings.

REMOVE EXISTING HEADWALL AND
EXTEND EXISTING 4500 RCP
BY 2.44m TO 3.911m L LUS 20.14
CONSTRUCT NEW HEADWALL
CO-ORDS
324896.771E, 8186014.117N

EXCAVATE INLET AS REQUIRED.
PROVIDE INLET PROTECTION TO
CULVERT CONSISTING OF 1500
DUMPED ROCK ON APPROVED
GEOTEXTILE FABRIC.

HEADWALL DETAILS
CONSTRUCT HEADWALL TO
FNOROC STD. DWG. S1075.
CONC N32

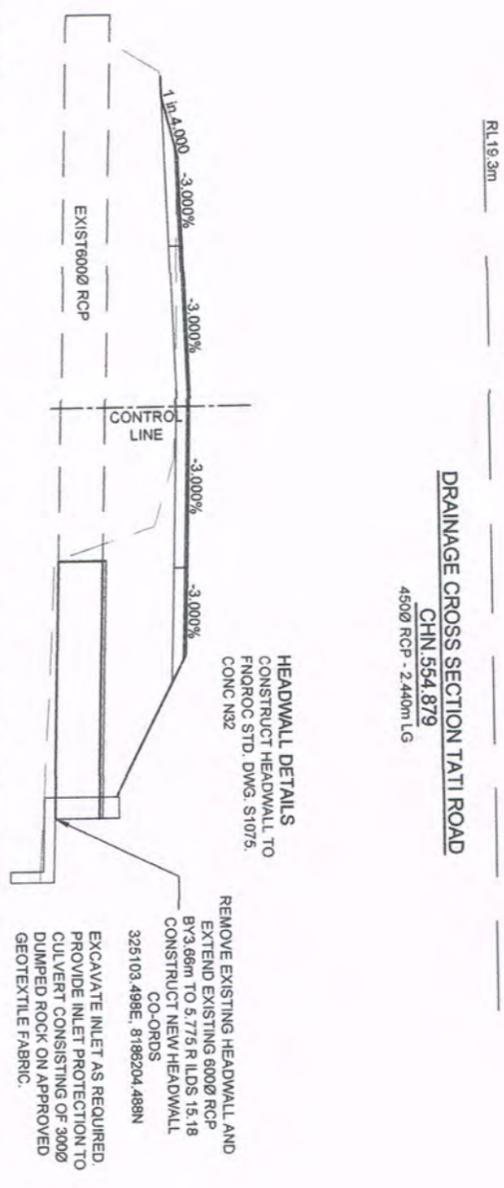
HEADWALL DETAILS
CONSTRUCT HEADWALL TO
FNOROC STD. DWG. S1075.
CONC N32

HEADWALL DETAILS
CONSTRUCT HEADWALL TO
FNOROC STD. DWG. S1075.
CONC N32

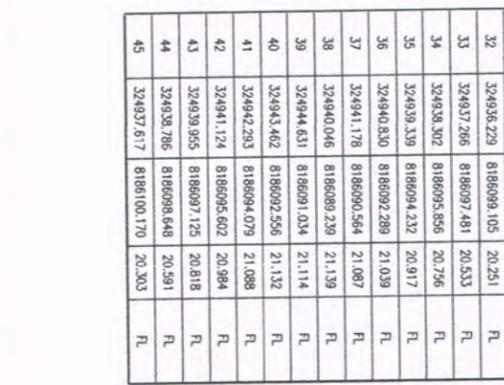
HEADWALL DETAILS
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FNOROC STD. DWG. S1075.
CONC N32

HEADWALL DETAILS
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FNOROC STD. DWG. S1075.
CONC N32

HEADWALL DETAILS
CONSTRUCT HEADWALL TO
FNOROC STD. DWG. S1075.
CONC N32



DRAINAGE CROSS SECTION TATI ROAD
CHN 241.197
6000 RCP - 3.66m LG



DRAINAGE CROSS SECTION TATI ROAD
CHN 554.879
4500 RCP - 2.440m LG

LEGEND

	EXISTING TOP OF BANK
	EXISTING TOE OF BANK
	EXISTING EDGE OF BITUMEN
	EXISTING UNDERGROUND DRAINAGE
	EXISTING TREES
	EXISTING ELECTRICITY
	EXISTING OPEN DRAINS
	EXISTING FENCES
	EXISTING CONTOURS (AT 0.2m, INDEXED AT 10m)

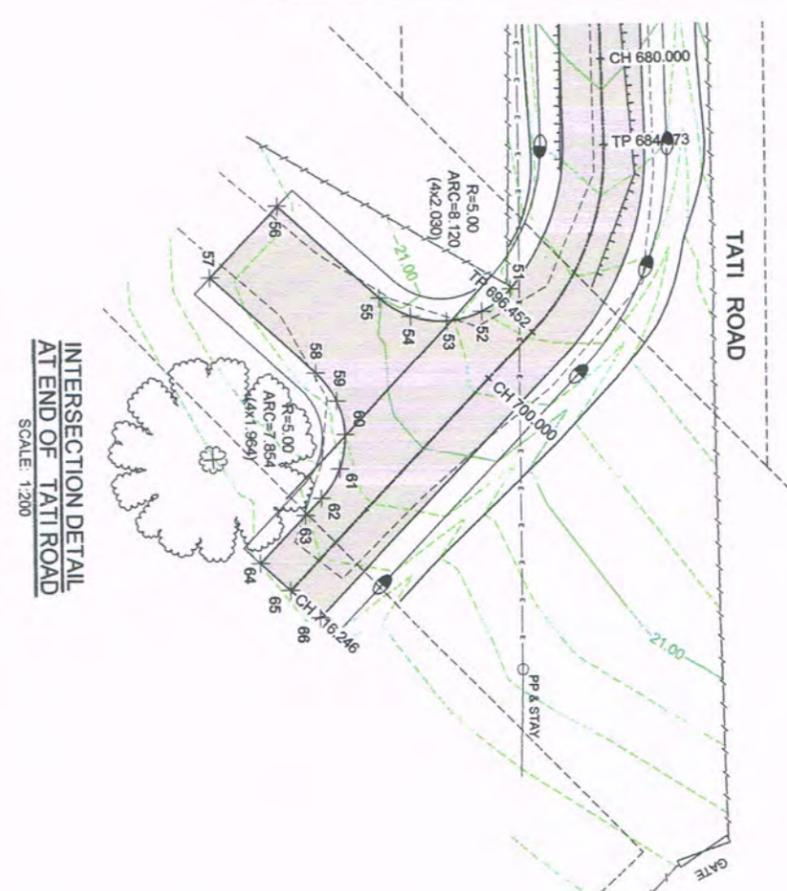
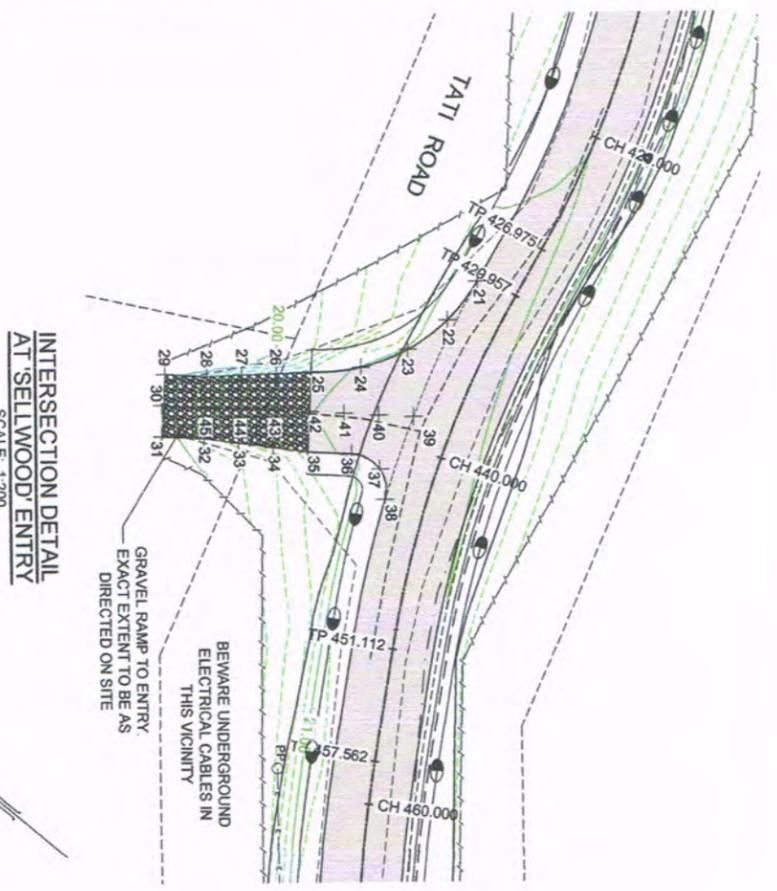
	BITUMEN SEAL REFER DWG. 2 FOR PAVEMENT DETAILS
	GRAVEL RAMP
	ROAD EDGE GUIDE POSTS
	INTERSECTION FINISHED LEVEL POINT REFER TABLE ON DWG. C03 FOR DETAILS
	CONCRETE STORMWATER CLASS 2 U TO AS 4058 SIZE VARIES
	DESIGN CONTOURS (AT 0.2m, INDEXED AT 1.0m)

INTERSECTION SETOUT POINTS

Point #	Easting	Northing	Level	Description
21	324952.760	8186093.247	21.044	FL
22	324950.000	8186093.096	21.036	FL
23	324947.304	8186093.707	21.027	FL
24	324944.879	8186095.033	21.019	FL
25	324942.909	8186096.972	20.902	FL
26	324941.608	8186098.393	20.758	FL
27	324940.307	8186099.815	20.533	FL
28	324939.006	8186101.235	20.251	FL
29	324937.592	8186103.077	19.846	FL
30	324936.143	8186102.091	19.900	FL
31	324934.816	8186100.946	19.848	FL
32	324933.229	8186099.105	20.251	FL
33	324931.266	8186097.481	20.533	FL
34	324929.302	8186095.856	20.756	FL
35	324927.339	8186094.232	20.917	FL
36	324925.376	8186092.289	21.039	FL
37	324923.413	8186090.564	21.087	FL
38	324921.450	8186088.239	21.139	FL
39	324919.487	8186086.004	21.114	FL
40	324917.524	8186082.556	21.132	FL
41	324915.561	8186080.079	21.088	FL
42	324913.598	8186078.602	20.984	FL
43	324911.635	8186077.125	20.818	FL
44	324909.672	8186075.648	20.591	FL
45	324907.709	8186074.171	20.303	FL

INTERSECTION SETOUT POINTS

Point #	Easting	Northing	Level	Description
51	324745.927	8185931.450	21.397	FL
52	324743.948	8185931.835	21.294	FL
53	324742.292	8185932.970	21.176	FL
54	324741.200	8185934.671	21.068	FL
55	324740.878	8185935.661	20.992	FL
56	324741.204	8185944.357	20.766	FL
57	324735.709	8185944.590	20.766	FL
58	324735.370	8185935.597	20.867	FL
59	324734.909	8185934.701	20.868	FL
60	324733.757	8185933.128	20.869	FL
61	324732.091	8185932.112	20.742	FL
62	324730.163	8185931.813	20.654	FL
63	324728.837	8185931.869	20.591	FL
64	324725.167	8185932.025	20.416	FL
65	324725.072	8185929.777	20.483	FL
66	324724.977	8185927.529	20.416	FL



amendments

A	ORIGINAL ISSUE FOR OPERATIONAL WORKS	DATE
		04.04.19

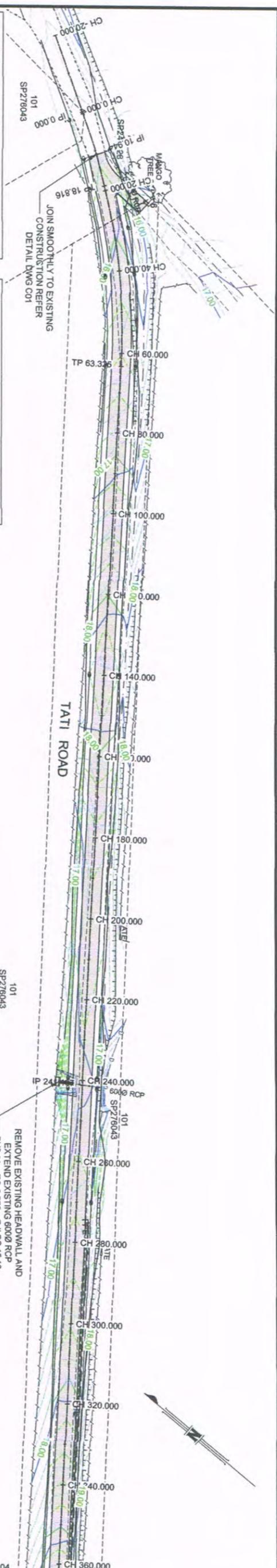
JIM PAPAS
CIVIL ENGINEERING
DESIGNER PTY. LTD.
CIVIL ENGINEERING DESIGN AND DRAFTING
P.O. Box 2347
Mordialup Q 4890
Email: admin@jppd.com.au

BRILEY CONSULTANTS
CONSULTING ENGINEERS
Ph. (07) 4954 3052 Fax 0400 543 052
Email: brs3287@bigpond.net.au

S. and P. QUAD
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MIALLO.
DRAWING TITLE: DRAINAGE CROSS SECTIONS AND INTERSECTION DETAILS

DATE	VER	DESIGNED	J.P.
APRIL 2019	1.50	CHECKED	J.P.

DWG NUMBER: 1407 - C02
AMD: A



LEGEND

- EXISTING TOP OF BANK
- EXISTING TOE OF BANK
- EXISTING UNDERGROUND DRAINAGE
- EXISTING TREES
- EXISTING ELECTRICITY
- EXISTING OPEN DRAINS
- EXISTING FENCES
- EXISTING CONTOURS (AT 0.2m, INDEXED AT 10m)
- BITUMEN SEAL REFER DWG. 2 FOR PAVEMENT DETAILS
- GRAVEL RAMP
- ROAD EDGE GUIDE POSTS
- INTERSECTION FINISHED LEVEL POINT REFER TABLE ON DWG. C03 FOR DETAILS
- CONCRETE STORMWATER CLASS 2 U TO AS 4059 SIZE VARIES
- DESIGN CONTOURS (AT 0.2m, INDEXED AT 1.0m)

LONGITUDINAL SECTION TATI ROAD
CH. 0.00 TO CH 360

SCALE: HOR 1:500
VER: 1:50

CHAINAGE	EXISTING SURFACE AT CONTROL LINE	DESIGN LEVELS AT CONTROL LINE	RIGHT EDGE OF BITUMEN - RHS	LEFT EDGE OF BITUMEN OR LIP OF K&C - LHS	CUT (+m) FILL (-m)
10.000	15.758	15.758	15.691	15.691	+0.000
10.944	15.769	15.769	15.701	15.701	+0.000
11.000	15.769	15.769	15.702	15.702	+0.000
18.816	15.858	15.858	15.790	15.790	+0.000
20.000	15.872	15.871	15.803	15.803	-0.001
29.000	15.963	15.974	15.906	15.906	+0.011
30.000	15.971	15.985	15.918	15.918	+0.014
40.000	16.054	16.100	16.033	16.033	+0.046
50.000	16.146	16.233	16.166	16.166	+0.087
60.000	16.237	16.389	16.321	16.321	+0.152
63.325	16.299	16.450	16.383	16.383	+0.151
70.000	16.464	16.589	16.521	16.521	+0.125
80.000	16.710	16.833	16.765	16.765	+0.123
90.000	16.971	17.121	17.054	17.054	+0.150
100.000	17.273	17.432	17.365	17.365	+0.159
110.000	17.592	17.743	17.675	17.675	+0.151
120.000	17.866	17.995	17.928	17.928	+0.129
125.000	17.994	18.121	18.054	18.054	+0.127
130.000	18.121	18.226	18.159	18.159	+0.105
139.706	18.180	18.307	18.239	18.239	+0.127
140.000	18.177	18.307	18.239	18.239	+0.130
150.000	18.059	18.216	18.149	18.149	+0.157
155.000	17.970	18.106	18.039	18.039	+0.136
160.000	17.825	17.975	17.908	17.908	+0.150
165.000	17.680	17.844	17.776	17.776	+0.164
170.000	17.535	17.721	17.654	17.654	+0.186
180.000	17.374	17.529	17.461	17.461	+0.155
190.000	17.281	17.406	17.338	17.338	+0.125
195.000	17.241	17.371	17.303	17.303	+0.130
200.000	17.201	17.344	17.277	17.277	+0.143
210.000	17.121	17.291	17.224	17.224	+0.170
220.000	17.071	17.239	17.171	17.171	+0.168
230.000	17.022	17.186	17.118	17.118	+0.164
235.000	16.982	17.159	17.092	17.092	+0.177
240.000	16.942	17.141	17.073	17.073	+0.199
241.197	16.937	17.139	17.071	17.071	+0.202
243.441	16.957	17.137	17.069	17.069	+0.180
250.000	17.043	17.150	17.083	17.083	+0.107
260.000	17.147	17.223	17.155	17.155	+0.076
265.000	17.185	17.283	17.215	17.215	+0.097
270.000	17.225	17.350	17.283	17.283	+0.125
280.000	17.349	17.485	17.418	17.418	+0.136
290.000	17.482	17.620	17.553	17.553	+0.138
300.000	17.642	17.780	17.713	17.713	+0.138
310.000	17.816	17.940	17.873	17.873	+0.124
315.000	17.909	18.020	17.953	17.953	+0.111
320.000	18.011	18.108	18.041	18.041	+0.097
330.000	18.219	18.335	18.267	18.267	+0.116
340.000	18.532	18.628	18.560	18.560	+0.096
345.000	18.680	18.800	18.732	18.732	+0.120
350.000	18.828	18.979	18.912	18.912	+0.151
360.000	19.194	19.339	19.272	19.272	+0.145

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CIVIL ENGINEERING DESIGN AND DRAFTING
P.O. Box 2347
Merrimbee Q. 4880
Email: admin@jppcd.com.au

BRILEY CONSULTANTS
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Ph: (07) 4054 3052 Mob: 0400 543 052
Email: br5287@bigpond.net.au

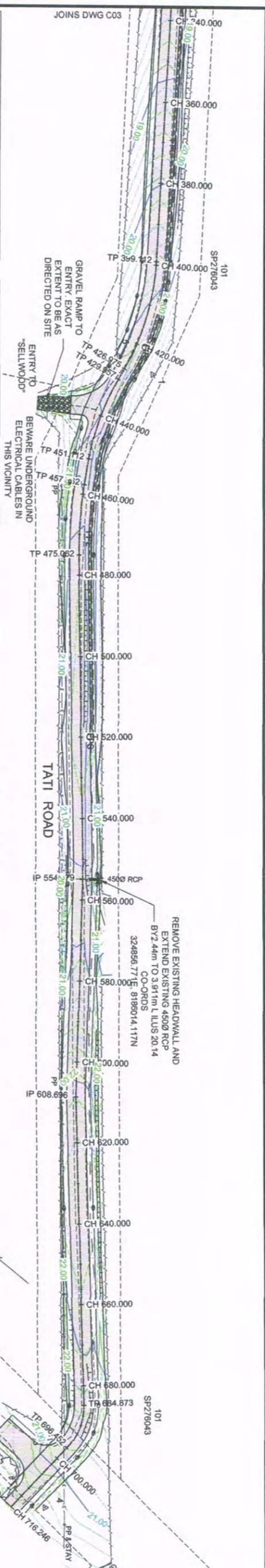
S. and P. QUAD
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MIALLO.

DRAWING TITLE: PLAN AND LONGITUDINAL SECTION CH 00.00 TO CH. 360.00

SCALE: HOR 1:500
SCALE: VER 1:50

SCALE	HOR	VER	DRAWN	CHECKED	DATE
(AT A1 SIZE)	1:500	1:50	J.P.	J.P.	APR 2019
APPROVED			B. J. SMITH	J.P.	

DWG NUMBER: 1407 - C03
AMDT: A



LEGEND

- EXISTING TOP OF BANK
- EXISTING TOE OF BANK
- EXISTING EDGE OF BITUMEN
- EXISTING UNDERGROUND DRAINAGE
- EXISTING TREES
- EXISTING ELECTRICITY
- EXISTING OPEN DRAINS
- EXISTING FENCES
- EXISTING CONTOURS (AT 0.2m, INDEXED AT 10m)

PLAN OF TATI ROAD
CH. 360.00 TO END
SCALE: 1:500

- BITUMEN SEAL REFER DWG. 2 FOR PAVEMENT DETAILS
- GRAVEL RAMP
- ROAD EDGE GUIDE POSTS
- INTERSECTION FINISHED LEVEL POINT REFER TABLE ON DWG. C03 FOR DETAILS
- CONCRETE STORMWATER CLASS 2 U TO AS 4058 SIZE VARIES
- DESIGN CONTOURS (AT 0.2m, INDEXED AT 1.0m)

CHAINAGE	EXISTING SURFACE AT CONTROL LINE	DESIGN LEVELS AT CONTROL LINE	RIGHT LIP OF K&C - RHS	LEFT LIP OF K&C - LHS	CUT (-m) FILL (+m)
360.000	19.194	19.339	19.272	19.272	+0.145
370.000	19.561	19.699	19.631	19.631	+0.138
380.000	19.980	20.058	19.991	19.991	+0.078
381.612	20.045	20.116	20.049	20.049	+0.071
385.000	20.178	20.238	20.171	20.171	+0.060
390.000	20.375	20.408	20.340	20.340	+0.033
399.112	20.716	20.664	20.596	20.596	-0.052
400.000	20.745	20.685	20.617	20.617	-0.060
405.000	20.899	20.793	20.725	20.725	-0.106
410.000	21.015	20.880	20.812	20.812	-0.135
416.612	21.120	20.963	20.896	20.896	-0.157
420.000	21.144	20.992	20.944	20.944	-0.152
425.000	21.150	21.018	20.998	20.950	-0.132
426.975	21.129	21.023	21.015	20.956	-0.106
428.466	21.114	21.028	21.028	20.960	-0.086
429.957	21.098	21.032	21.041	20.965	-0.066
430.000	21.098	21.033	21.041	20.965	-0.066
440.000	21.003	21.063	21.128	20.995	+0.059
440.320	21.003	21.063	21.131	20.996	+0.060
450.000	21.012	21.093	21.160	21.025	+0.080
451.112	21.013	21.096	21.163	21.028	+0.083
457.562	21.004	21.115	21.183	21.048	+0.111
460.000	20.998	21.123	21.181	21.055	+0.124
470.000	21.006	21.153	21.172	21.085	+0.146
475.062	21.034	21.168	21.168	21.100	+0.134
480.000	21.059	21.183	21.163	21.115	+0.123
490.000	21.137	21.212	21.155	21.145	+0.075
492.562	21.158	21.219	21.151	21.151	+0.061
500.000	21.218	21.238	21.170	21.170	+0.020
510.000	21.229	21.263	21.195	21.195	+0.033
520.000	21.228	21.287	21.220	21.220	+0.059
530.000	21.198	21.230	21.163	21.163	+0.032
540.000	21.130	21.173	21.105	21.105	+0.043
550.000	21.026	21.115	21.048	21.048	+0.089
554.879	20.953	21.087	21.019	21.019	+0.134
555.000	20.954	21.086	21.019	21.019	+0.132
560.000	20.930	21.071	21.004	21.004	+0.141
560.151	20.929	21.071	21.004	21.004	+0.142
570.000	20.990	21.126	21.058	21.058	+0.136
575.000	21.047	21.194	21.127	21.127	+0.147
580.000	21.199	21.291	21.224	21.224	+0.092
590.000	21.483	21.569	21.501	21.501	+0.086
595.000	21.644	21.749	21.682	21.682	+0.105
600.000	21.827	21.932	21.864	21.864	+0.105
608.695	22.103	22.193	22.125	22.125	+0.090
610.000	22.126	22.226	22.158	22.158	+0.100
620.000	22.303	22.424	22.357	22.357	+0.121
630.000	22.373	22.528	22.460	22.460	+0.155
635.865	22.378	22.544	22.477	22.477	+0.166
640.000	22.381	22.536	22.468	22.468	+0.155
645.000	22.339	22.504	22.437	22.437	+0.165
650.000	22.294	22.461	22.393	22.393	+0.167
660.000	22.199	22.374	22.306	22.306	+0.175
665.000	22.120	22.330	22.263	22.263	+0.210
670.000	22.033	22.271	22.203	22.203	+0.238
680.000	21.840	22.055	21.988	21.988	+0.215
684.872	21.728	21.903	21.836	21.836	+0.175
690.000	21.538	21.710	21.643	21.643	+0.172
695.000	21.248	21.490	21.422	21.422	+0.242
696.451	21.212	21.421	21.354	21.354	+0.209
700.000	21.075	21.253	21.186	21.186	+0.178
710.000	20.596	20.780	20.712	20.712	+0.184
712.572	20.465	20.658	20.590	20.590	+0.193
716.246	20.331	20.484	20.417	20.417	+0.153

LONGITUDINAL SECTION TATI ROAD
CH. 360.00 TO END
SCALE: HOR: 1:500
VER: 1:50

amendments

A	ORIGINAL ISSUE FOR OPERATIONAL WORKS	04.04.19
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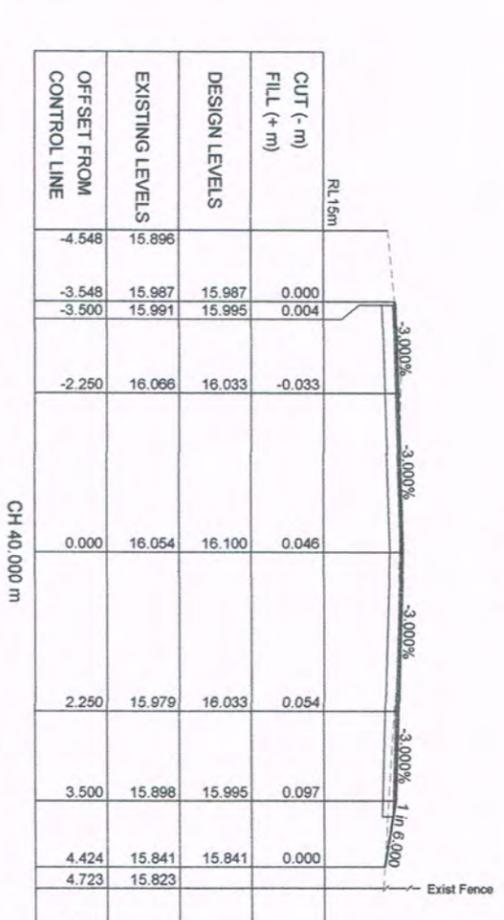
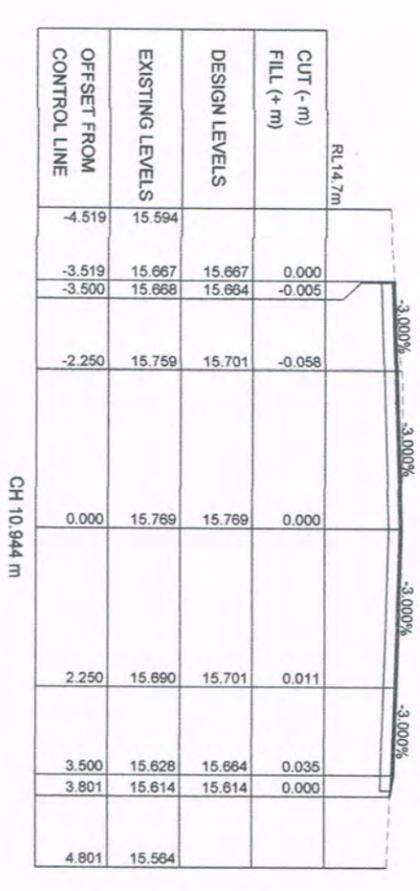
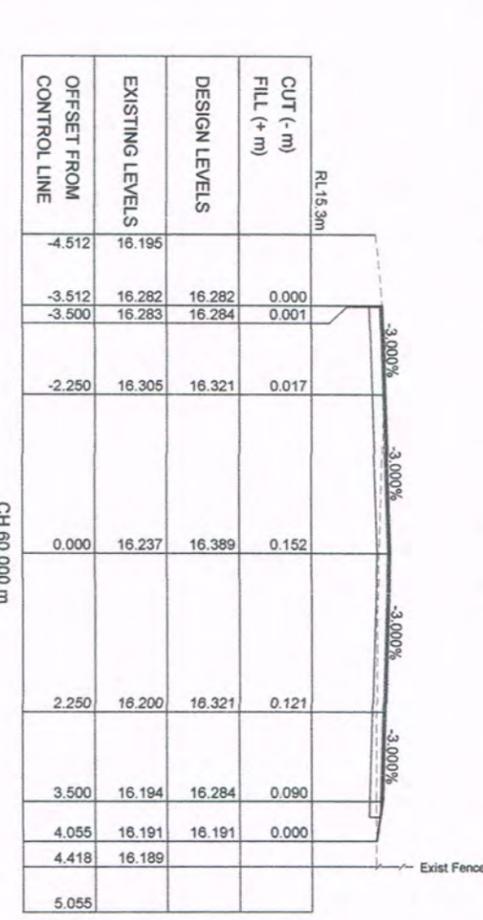
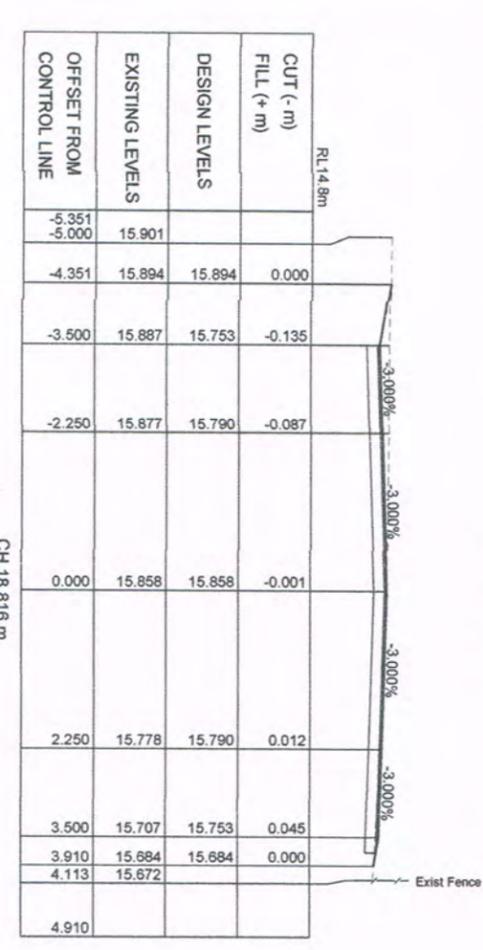
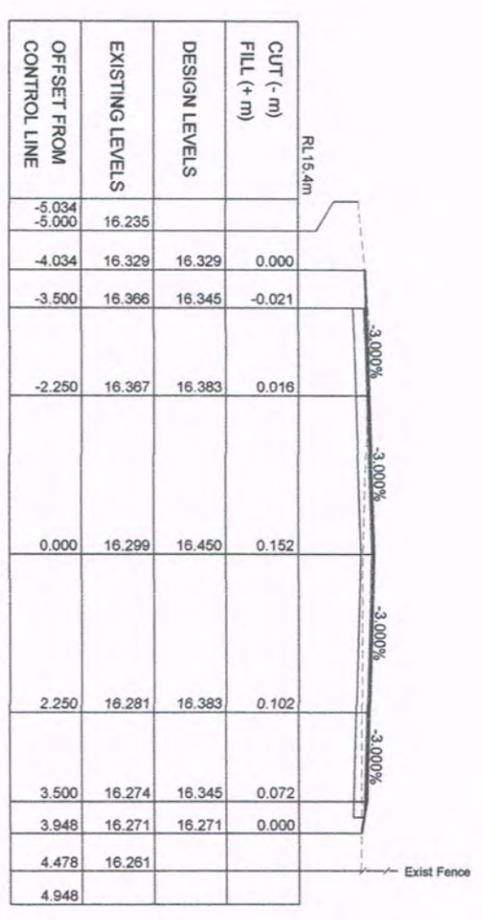
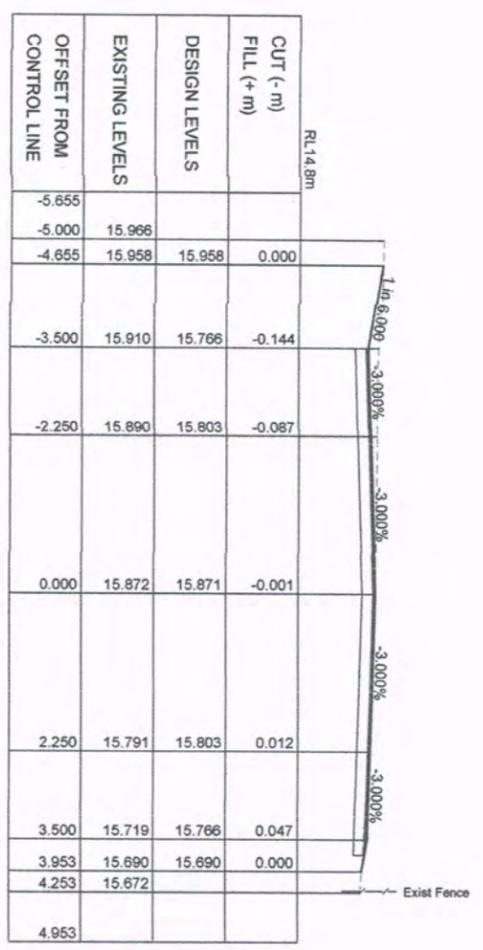
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CIVIL ENGINEERING DESIGN AND DRAWING
P.O. Box 2347
Mob. 0408 770 304
Email: admin@jppcd.com.au
Haveridge Q 4890

BRILEY CONSULTANTS
CONSULTING ENGINEERS
Ph. (07) 4054 3052 Mob 0400 543 052
Email: br5287@brileypd.net.au

S. and P. QUAD
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MIALLO.

DRAWING TITLE: PLAN AND LONGITUDINAL SECTION CH 360.00 TO END

SCALE	HOR	VER	DATE	APPROVED	DWG NUMBER
1:50	1:500	1:50	APR 2019	B. J. SMITH	1407 - C04
1:50	1:500	1:50	DESIGNED	J.P.	
1:50	1:500	1:50	CHECKED	J.P.	
1:50	1:500	1:50	APPROVED	B. J. SMITH	1407 - C04



SCALE 1:50
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amendments

A ORIGINAL ISSUE FOR OPERATIONAL WORKS 04.04.19

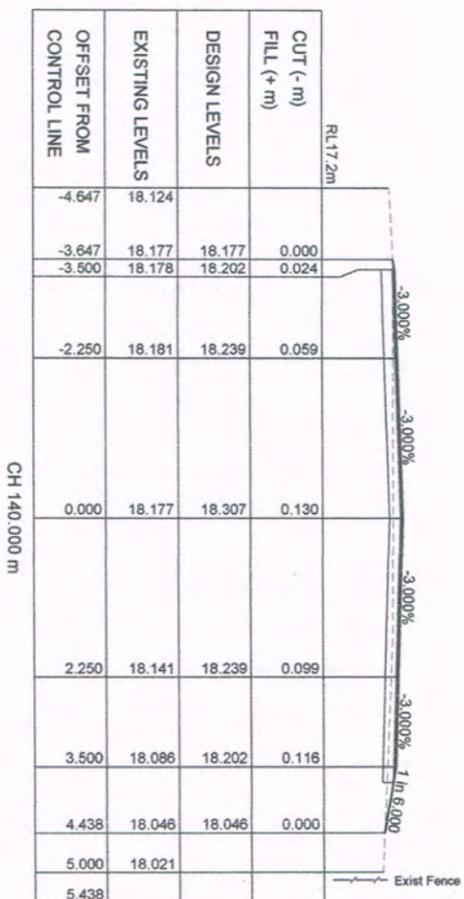
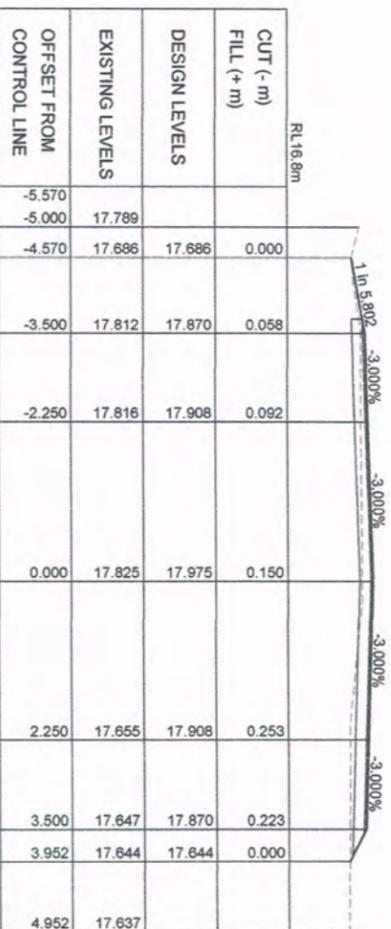
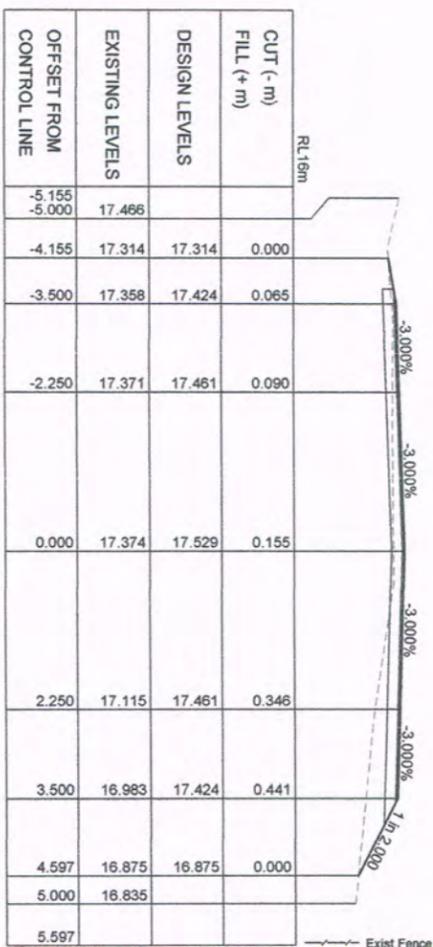
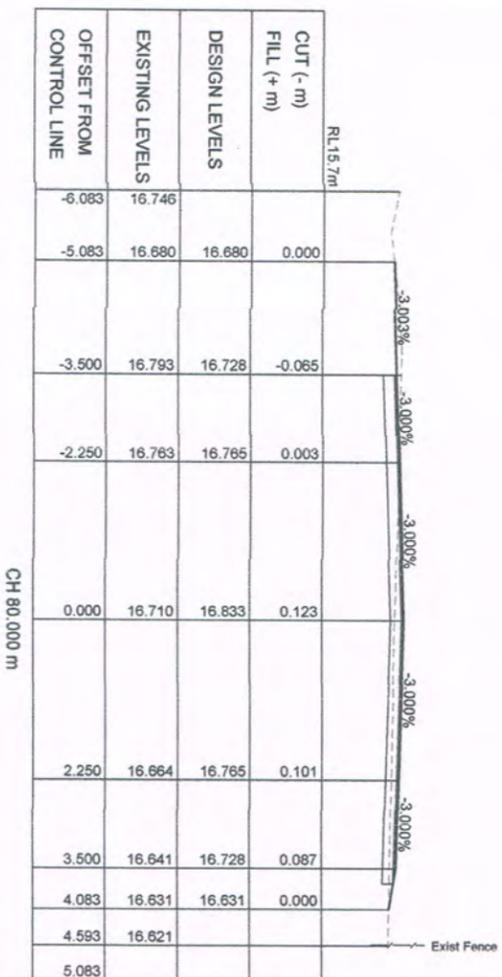
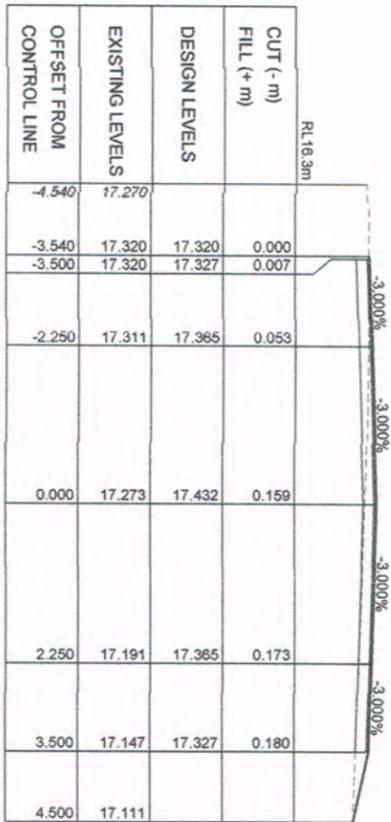
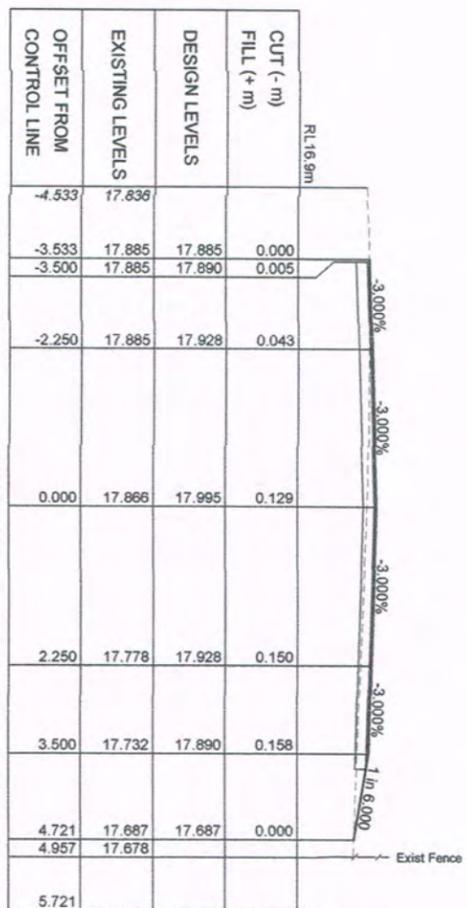
JIM PAPAS CIVIL ENGINEERING DESIGNER PTY. LTD.
CIVIL ENGINEERING DESIGN AND SURVEYING
P.O. Box 2347
Merrimack Q 4890
Mob. 0408 770 394
Email: admin@jpac.com.au

BRILEY CONSULTANTS
CONSULTING ENGINEERS
Ph. (07) 4054 3052 Mob 0400 543 052
Email: br5287@bigpond.net.au

S. and P. QUAIL
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MIALLO.

DRAWING TITLE: GROSS SECTIONS (SHEET 1 OF 9)

SCALE (AT A1 SIZE)	HR	DR	J.P.
1:50	1:50	DESIGNED	J.P.
DATE	APRIL 2019	CHECKED	J.P.
APPROVED			
DWG NUMBER	1407 - C05	AMDT	A



SCALE 1:50

amendments
A ORIGINAL ISSUE FOR OPERATIONAL WORKS
04.04.19

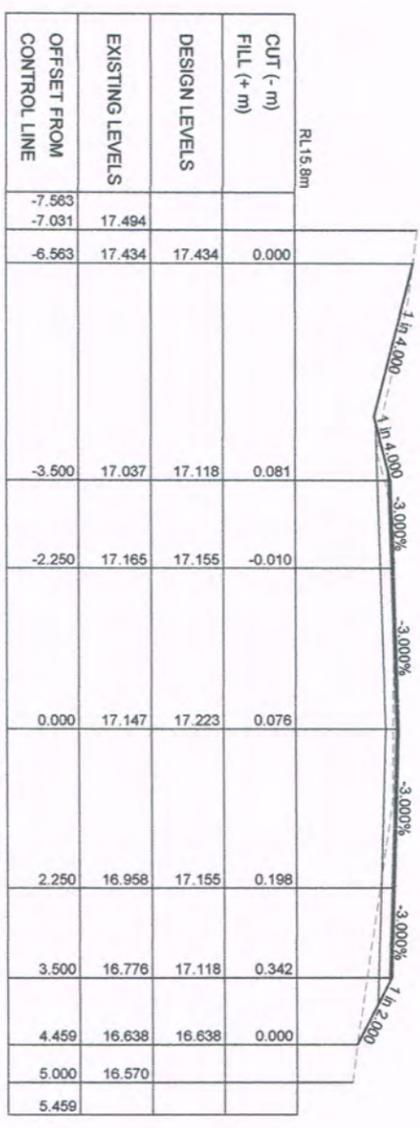
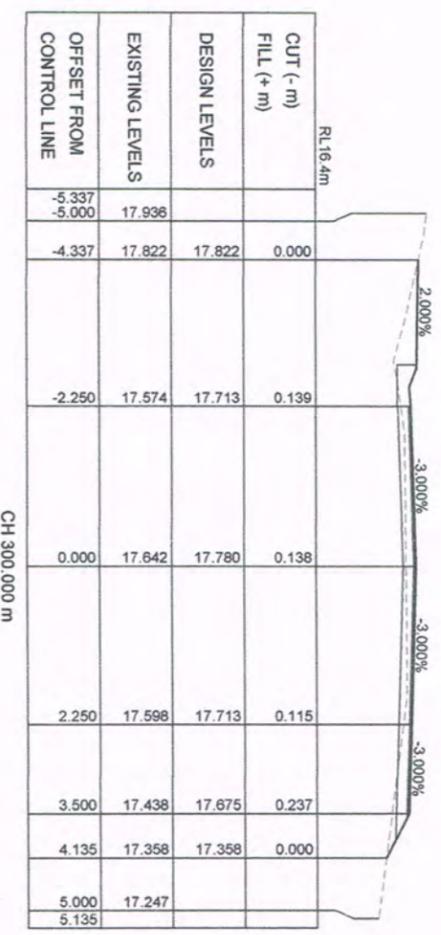
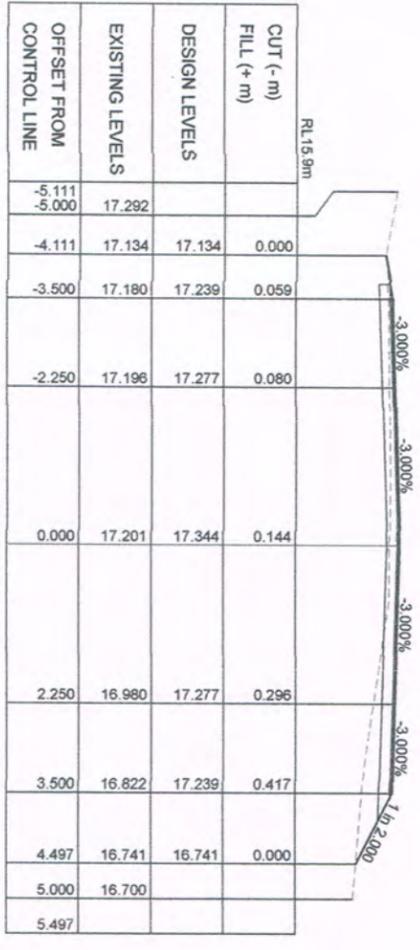
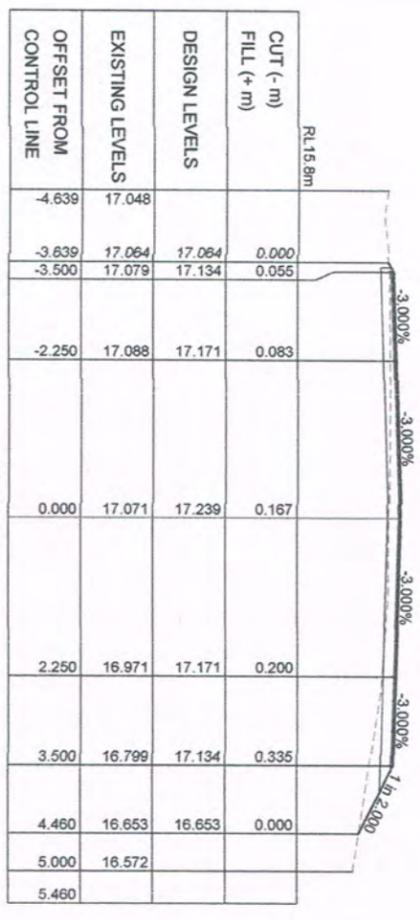
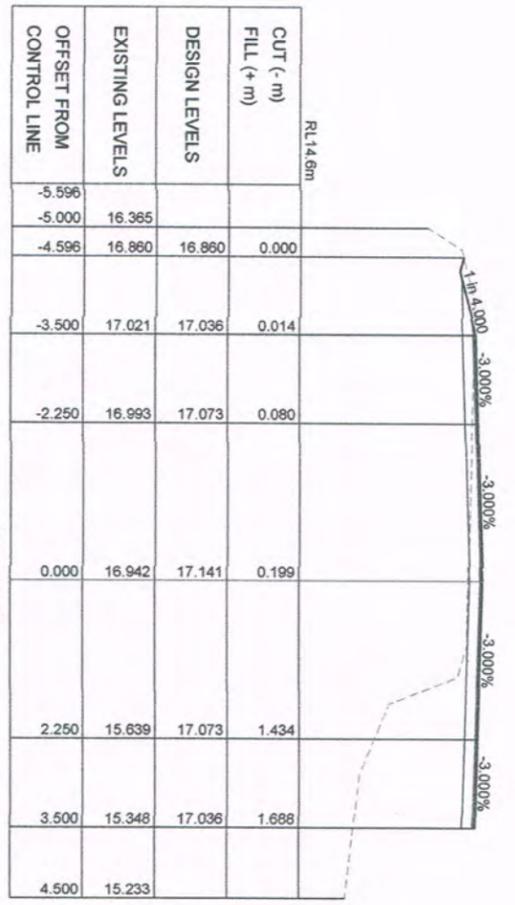
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CIVIL ENGINEERING
DESIGNER PTY. LTD.
CIVIL ENGINEERING DESIGN AND SURVEYING
P.O. Box 2347
Merreda Q 4890
Email: admin@jppcd.com.au

BRILEY
CONSULTANTS
CONSULTING ENGINEERS
Ph: (07) 4054 3052 Mob 0400 543 052
Email: br5287@brileypd.net.au

S. and P. QUAD
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MIALLO.

DWG NUMBER 1407 - C06 A/DOT A

SCALE (AT SIZE)	HOR	VERT	DATE	APPROVED	CHECKED	DATE
1:50	1:50	1:50	APR 2019	<i>[Signature]</i>	J.P.	J.P.



SCALE 1:50

JIM PAPAS CIVIL ENGINEERING DESIGNER PTY. LTD.
 CIVIL ENGINEERING DESIGN AND DRAFTING
 P. O. Box 2347
 Mervine Q 4880
 Email: admin@jpe.com.au

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 CONSULTING ENGINEERS
 Ph. (07) 4054 3052 Mob 0400 543 052
 Email: brs5287@briley.com.au

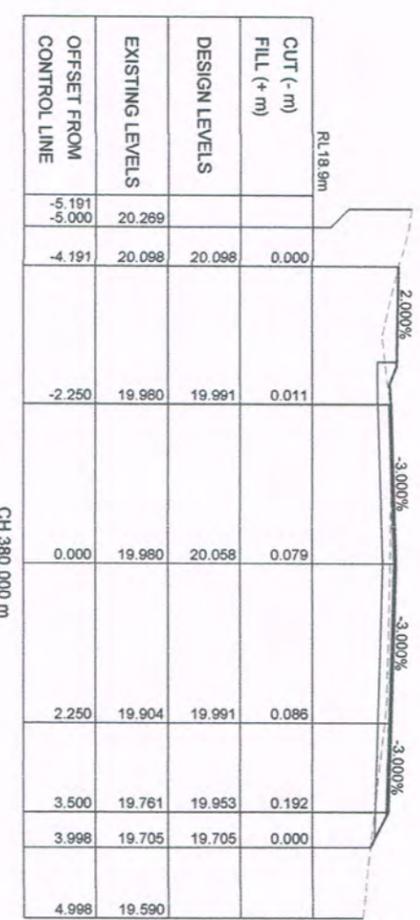
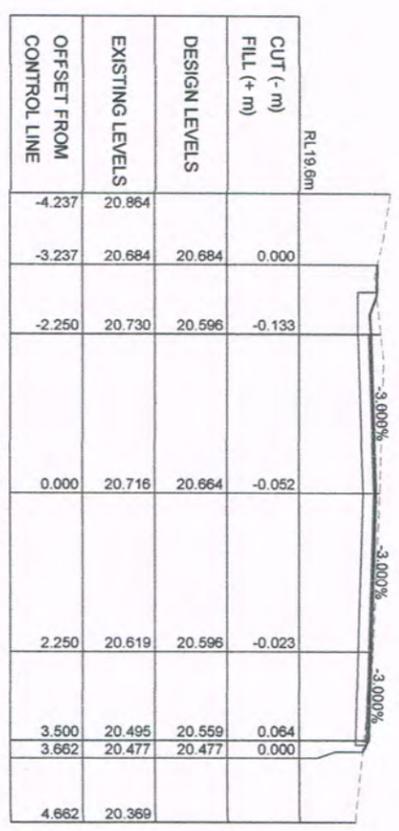
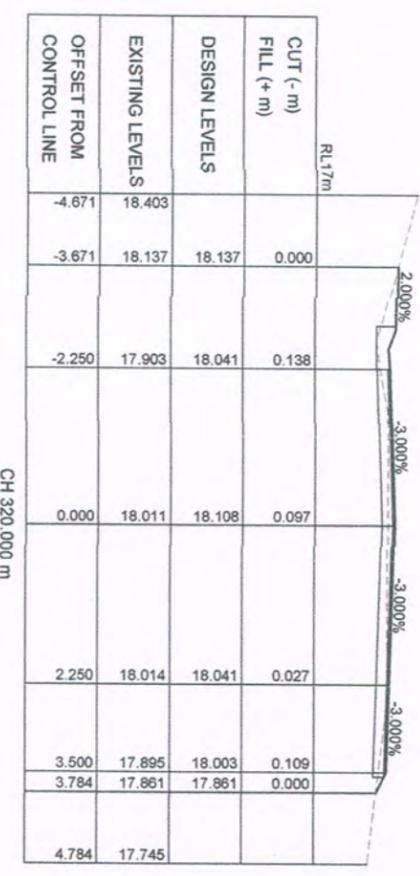
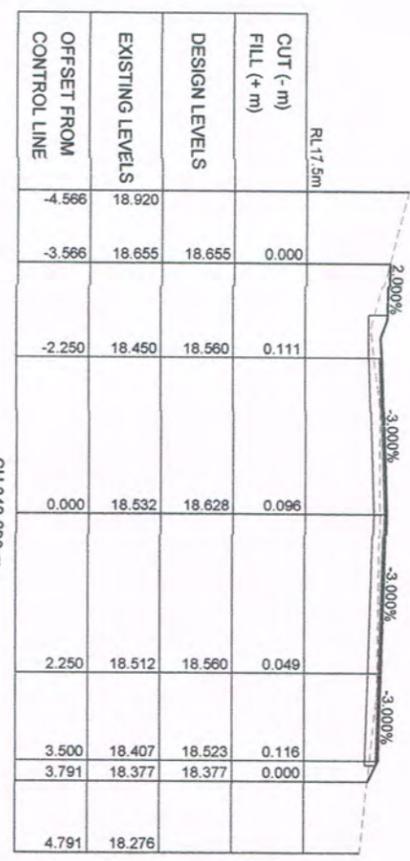
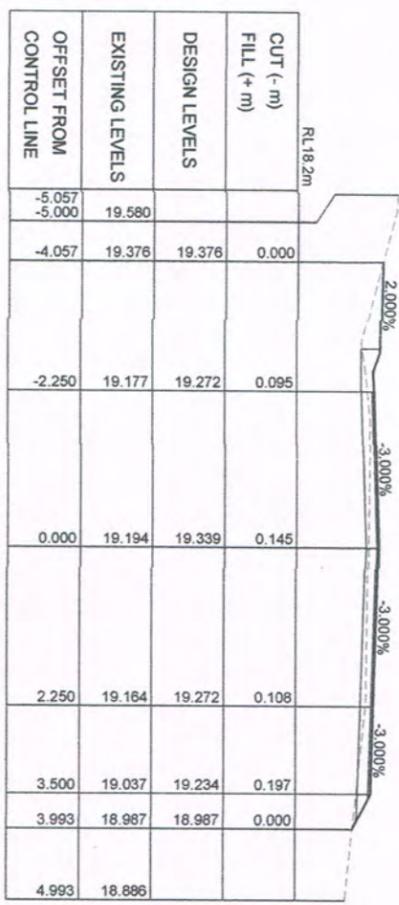
S. and P. QUAD
 PROPOSED SEALING OF AND UPGRADING TO
 TATI ROAD, MALLO.

DRAWING TITLE: GROSS SECTIONS (SHEET 3 OF 9)

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(A1 SIZE)	1:50	1:50	APR 2019	B. J. SMITH	1407 - C07

amendments
 ORIGINAL ISSUE FOR OPERATIONAL WORKS
 04.04.19

DRW: J.P.
 DESIGNED: J.P.
 CHECKED: J.P.
 AMOT: A



SCALE 1:50

amendments
ORIGINAL ISSUE FOR OPERATIONAL WORKS
04.04.19

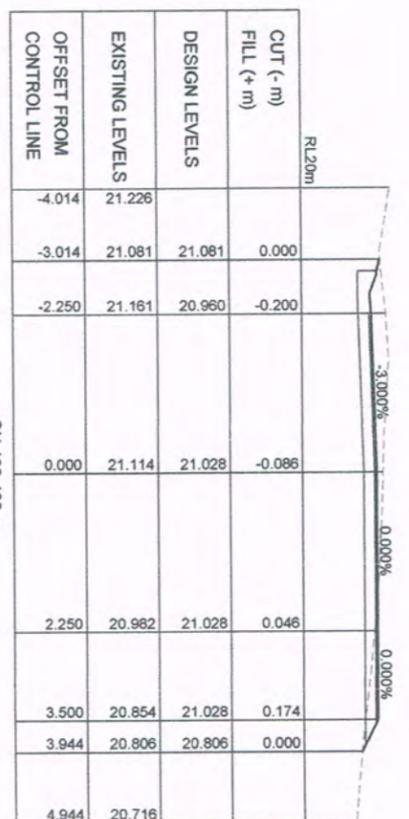
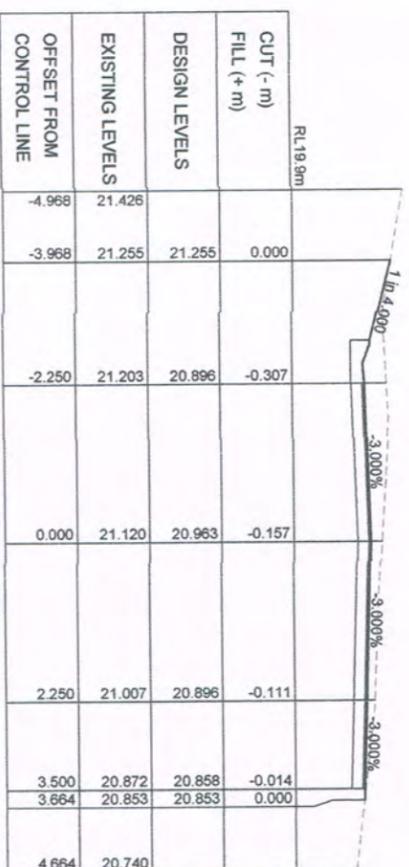
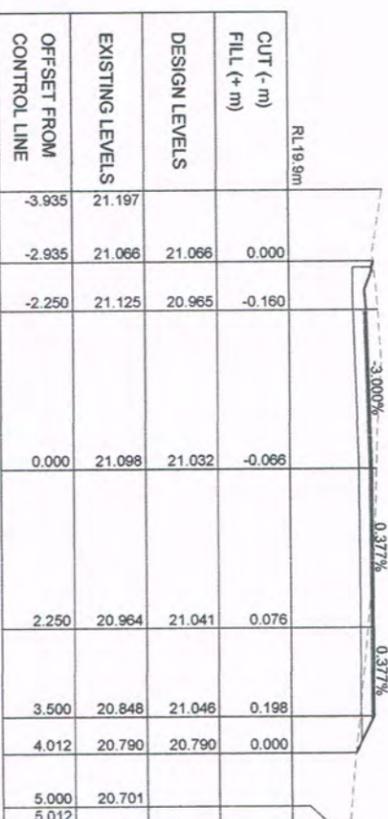
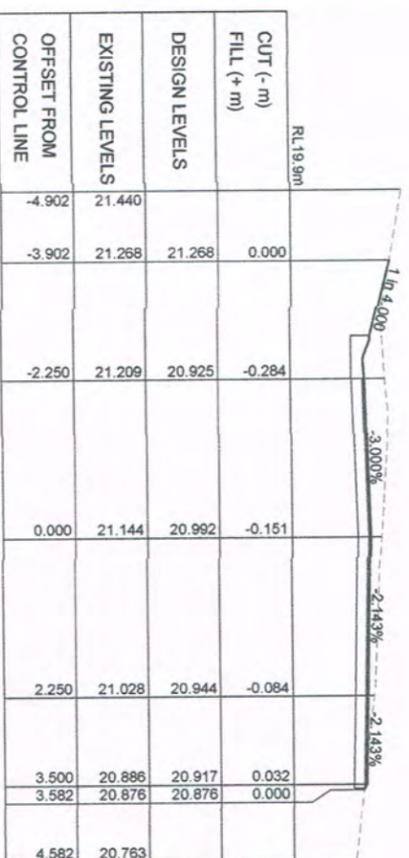
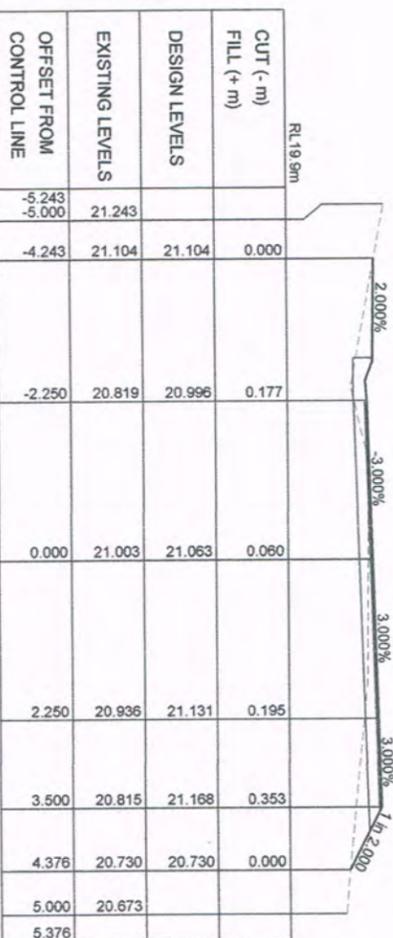
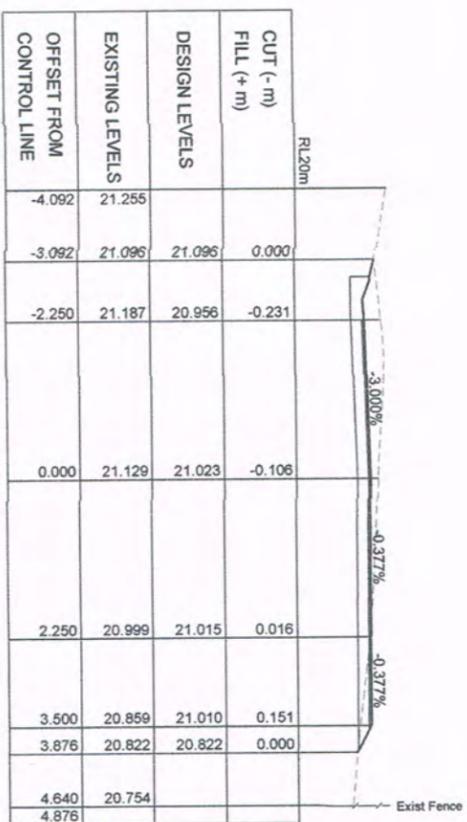
JIM PAPAS
CIVIL ENGINEERING
DESIGNER PTY. LTD.
CIVIL ENGINEERING DESIGN AND DRAFTING
P. O. Box 2347
Merreda Q 4890
Mob. 0408 770 394
Email: admin@jppd.com.au

BRILEY
CONSULTANTS
CONSULTING ENGINEERS
Ph. (07) 4054 3052 Mob 0400 543 052
Email: br5287@bipd.net.au

S. and P. QUAD
PROPOSED SEALING OF AND UPGRADING TO
TATI ROAD, MALLO.
DRAWING TITLE: GROSS SECTIONS (SHEET 4 OF 9)

SCALE	HOR	VER	DESIGNED	CHECKED	APP'D
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DATE	APR 2019				
APPROVED					
DWG NUMBER	1407 - C08				

B. J. SMITH IPDQ No. 9326



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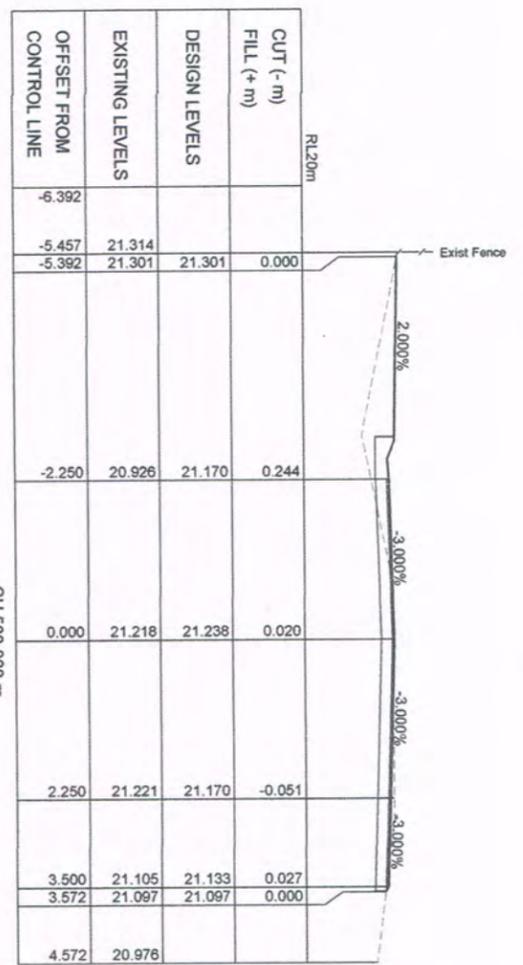
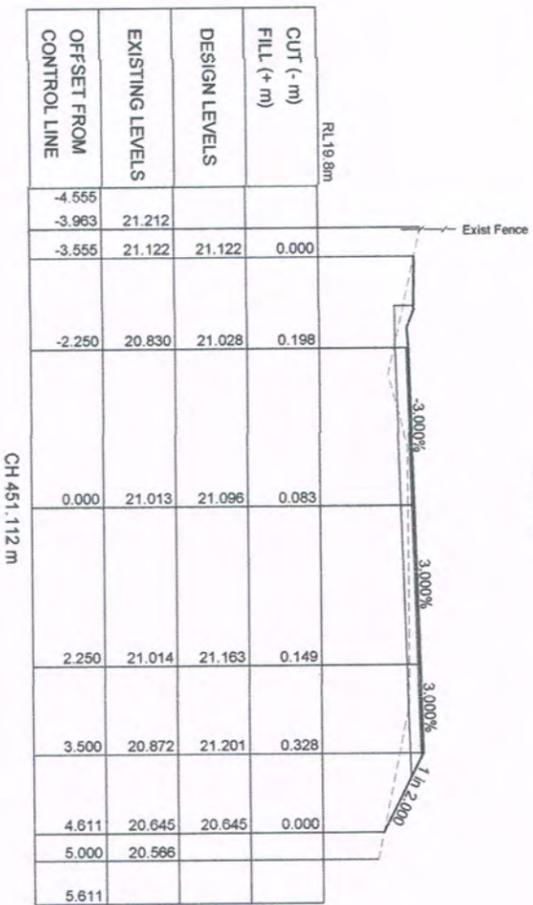
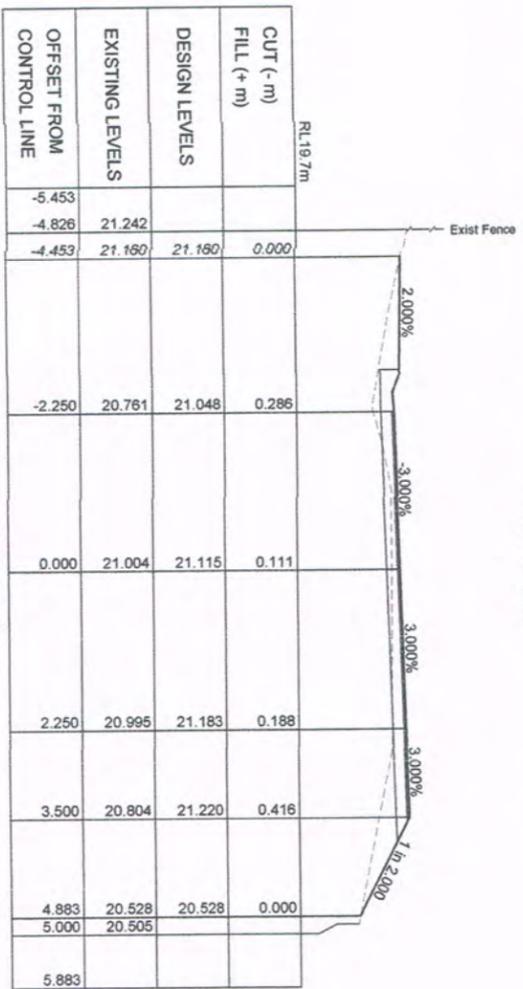
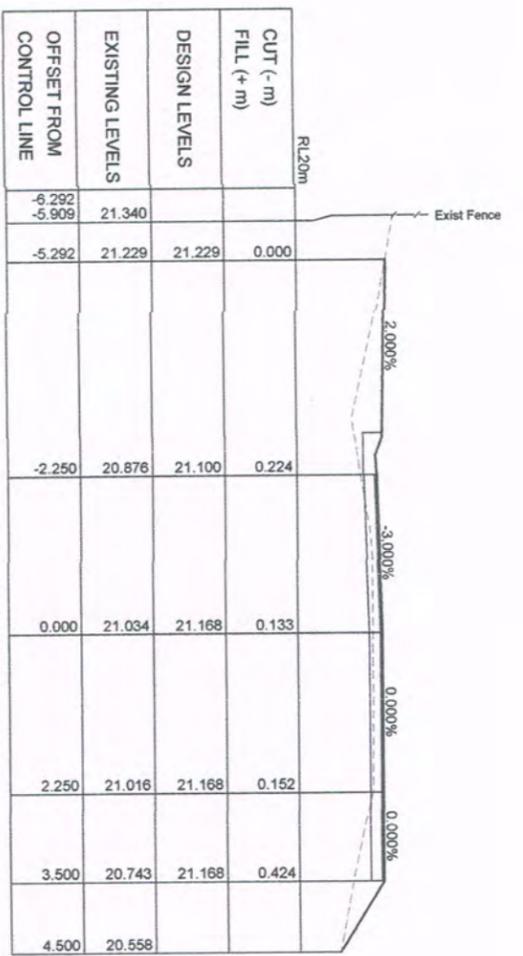
amendments	
A	ORIGINAL ISSUE FOR OPERATIONAL WORKS
	04-04-19

JIM PAPAS
CIVIL ENGINEERING
DESIGNER PTY. LTD.
 CIVIL ENGINEERING DESIGN AND DRAFTING
 P. O. Box 2347
 Mooloolah Q 4880
 Email: admin@jppcd.com.au

BRILEY
CONSULTANTS
 CONSULTING ENGINEERS
 Ph. (07) 4054 3052 Mob. 0400 543 052
 Email: brs3287@bigpond.net.au

S. and P. QUAD
 PROPOSED SEALING OF AND UPGRADING TO
 TATI ROAD, MALLO.
 DRAWING TITLE: CROSS SECTIONS (SHEET 5 OF 9)

SCALE	HR	DR	DR	DR
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DATE	19/09/2019	CHECKED	DESIGNED	APP. J.P.
APPROVED				J.P.
DWG NUMBER	1407 - C09			AMDT A



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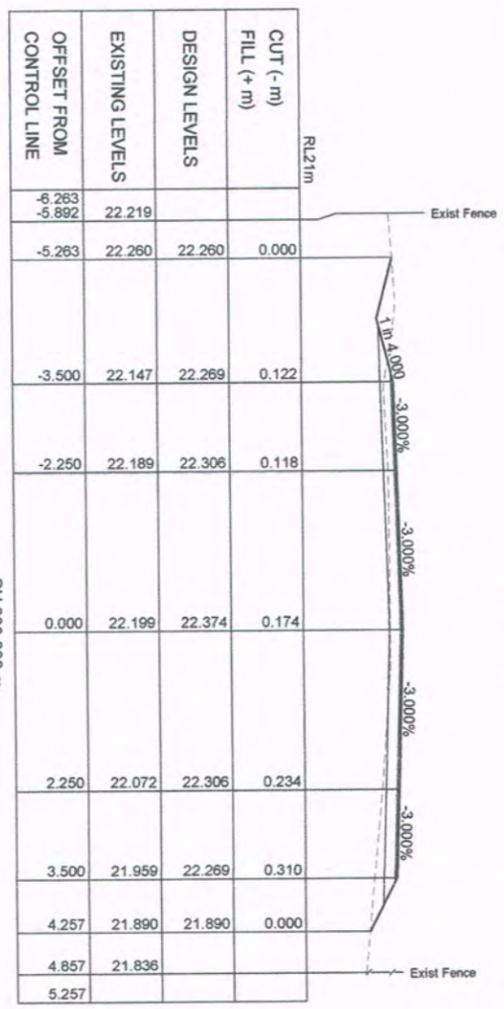
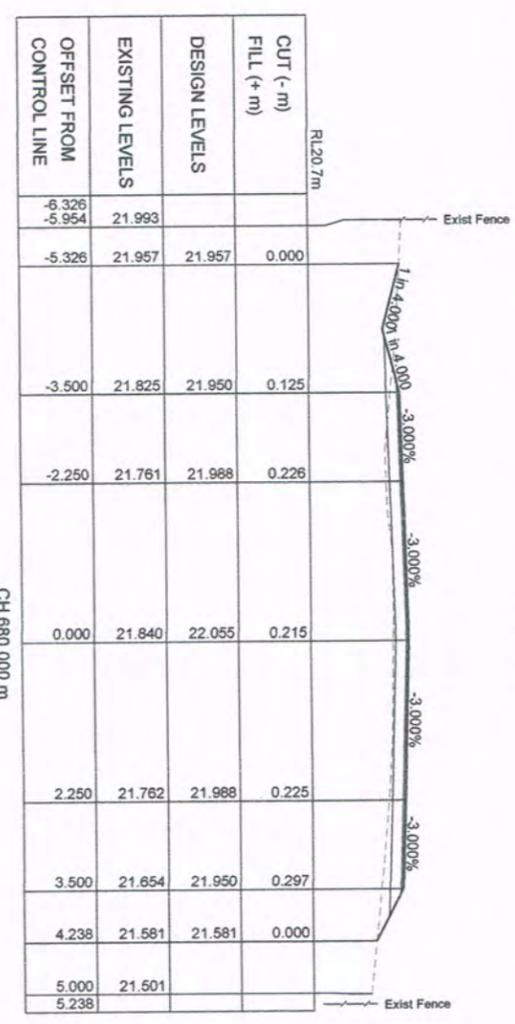
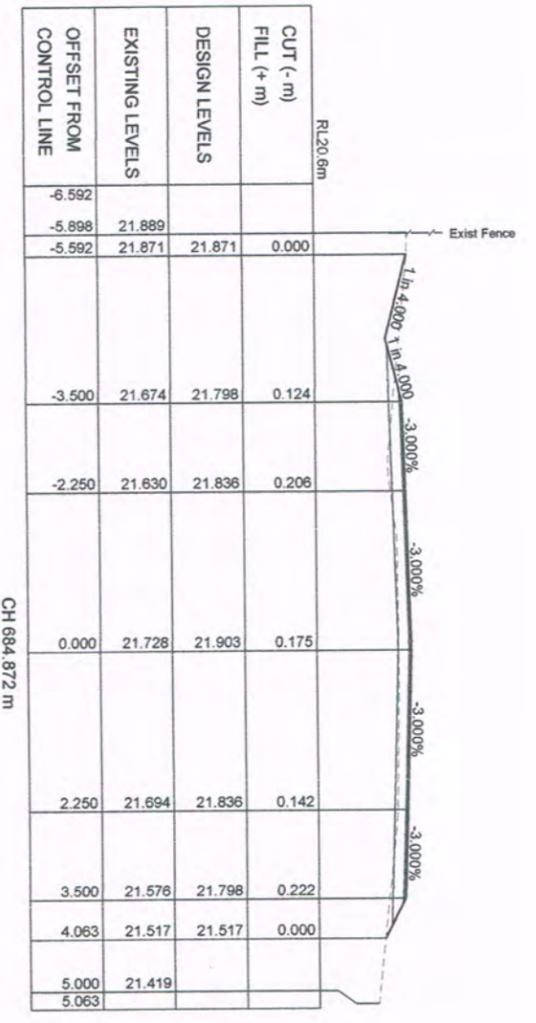
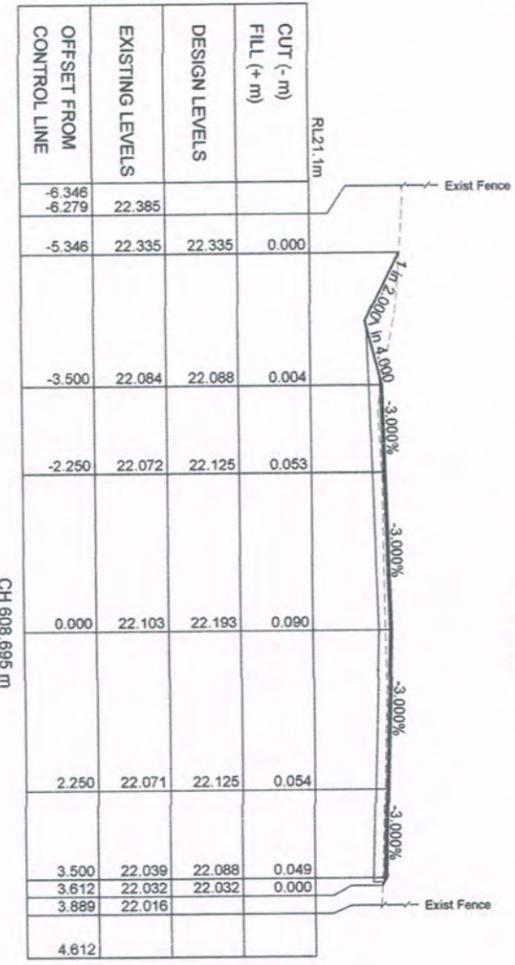
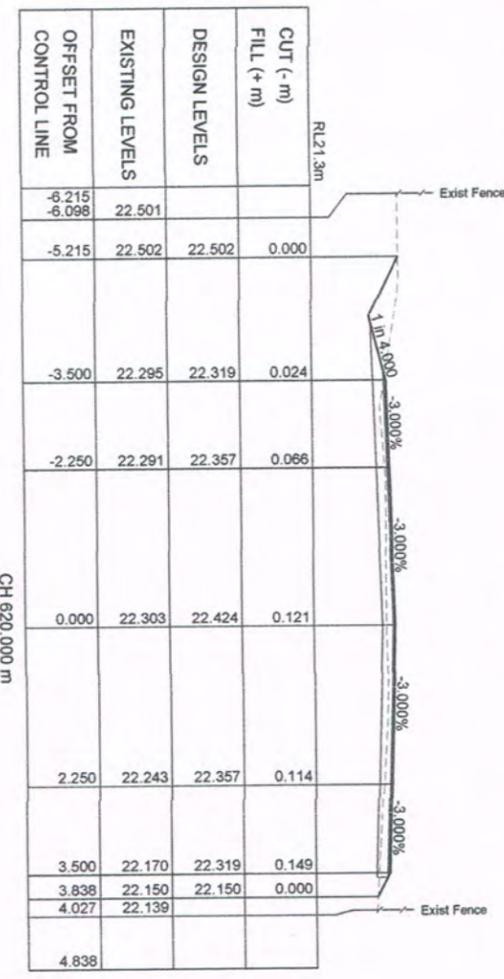
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A	ORIGINAL ISSUE FOR OPERATIONAL WORKS
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 CIVIL ENGINEERING DESIGN AND DRAFTING
 P. O. Box 2347
 Mervada Q 4880
 Email: admin@jpced.com.au

BRILEY
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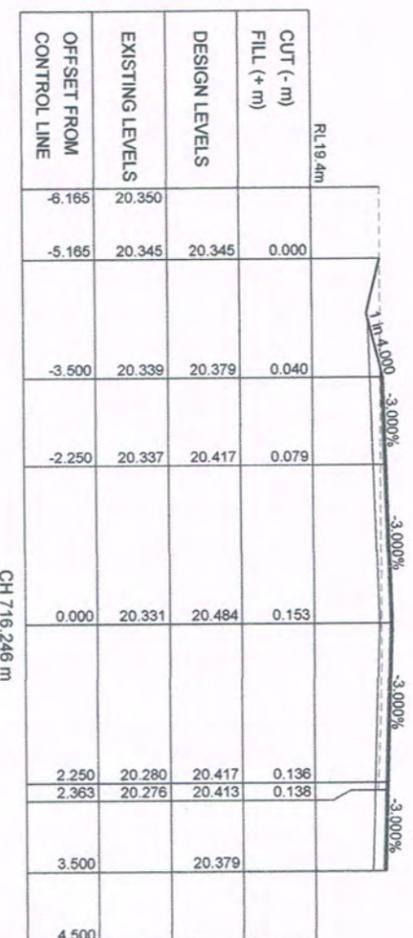
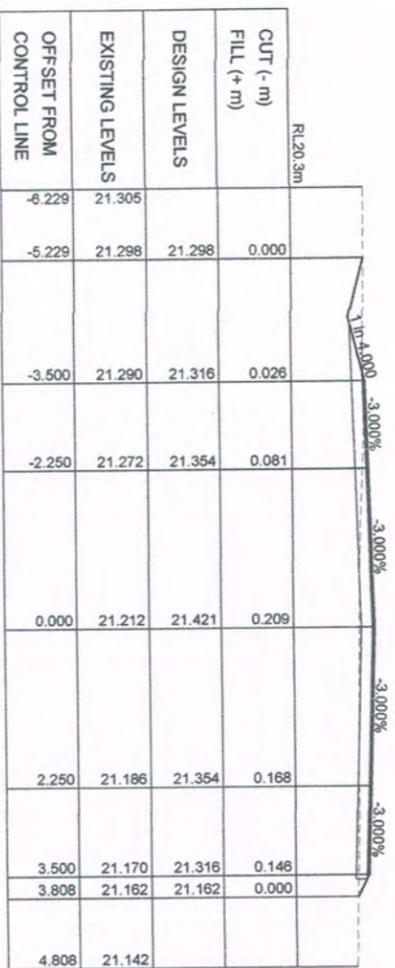
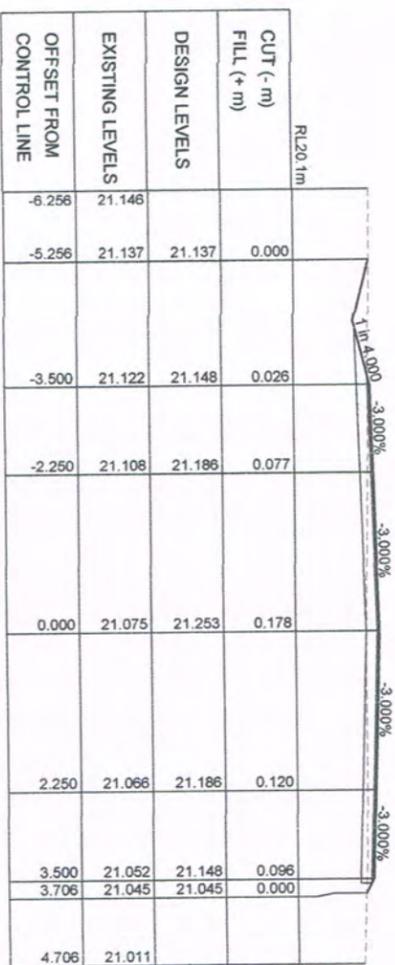
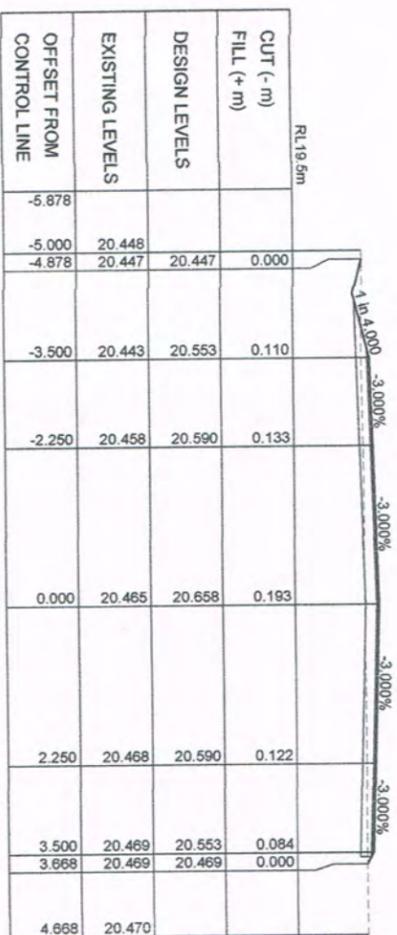
S. and P. QUAD
 PROPOSED SEALING OF AND UPGRADING TO
 TATI ROAD, MALLO.

DRAWING TITLE:	CROSS SECTIONS (SHEET 6 OF 9)
SCALE	HOR 1:50
(AT A1 SIZE)	VER 1:50
DATE	APR 2019
APPROVED	B. J. SMITH BPEQ No. 9326
DWG NUMBER	1407 - C10
	AM07 A



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amendments		DATE	
A	ORIGINAL ISSUE FOR OPERATIONAL WORKS	04/04/19	
JIM PAPAS CIVIL ENGINEERING DESIGNER PTY. LTD. CIVIL ENGINEERING DESIGN AND DRAFTING P. O. Box 2347 Merreda Q 4880 Email: admin@jpd.com.au		BRILEY CONSULTANTS CONSULTING ENGINEERS Ph. (07) 4054 3052 Mob. 0400 543 052 Email: br5287@bigpond.net.au	
S. and P. QAID PROPOSED SEALING OF AND UPGRADING TO TATI ROAD, MALLO.			
DRAWING TITLE: CROSS SECTIONS (SHEET 8 OF 9)		DWG NUMBER: 1407 - C12	
SCALE	HDR	DRWN	J.P.
(AT A1 SIZE)	1:50	DESIGNED	J.P.
DATE	APR 2019	CHECKED	J.P.
APPROVED			
DWG NUMBER	1407 - C12	AMDT	A



SCALE 1:50

amendments	
A	ORIGINAL ISSUE FOR OPERATIONAL WORKS
	04.04.19

JIM PAPAS
CIVIL ENGINEERING
 DESIGNER PTY. LTD.
 CIVIL ENGINEERING DESIGN AND DRAFTING
 P. O. Box 2347
 Merredith Q 4880
 Email: admin@jpcoc.com.au

BRILEY
CONSULTANTS
 CONSULTING ENGINEERS
 Ph. (07) 4054 3052 Mob 0400 543 052
 Email: br5287@bigpond.net.au

S. and P. QUAD
 PROPOSED SEALING OF AND UPGRADING TO
 TATI ROAD, MALLO.

DWG NUMBER	1407 - C13	AMDT	A
SCALE	(AT A1 SIZE)	HR	1:50
DATE	APR 2019	DESIGNED	J.P.
APPROVED		CHECKED	J.P.
		DWG NO.	9326

FNQROC DEVELOPMENT MANUAL

Council Douglas Shire Council
(INSERT COUNCIL NAME)

STATEMENT OF COMPLIANCE OPERATIONAL WORKS DESIGN

This form duly completed and signed by an authorised agent of the Designer shall be submitted with the Operational Works Application for Council Approval.

Name of Development Sealing of and Upgrading to Tati Road, Miallo

Location of Development Tati Road, Miallo

Applicant S. & P. Quaid

Designer Briley Consultants Pty. Ltd.

It is hereby certified that the Calculations, Drawings, Specifications and related documents submitted herewith have been prepared, checked and amended in accordance with the requirements of the FNQROC Development Manual and that the completed works comply with the requirements therein, **except** as noted below.

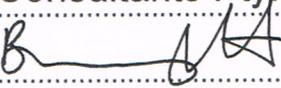
Compliance with the requirements of the Operational Works Design Guidelines	Non-Compliance refer to non-compliance report / drawing number
Plan Presentation	
Geotechnical requirements	
Geometric Road Design	
Pavements	
Structures / Bridges	
Subsurface Drainage	
Stormwater Drainage	
Site Re-grading	
Erosion Control and Stormwater Management	
Pest Plant Management	
Cycleway / Pathways	

Landscaping	
Water Source and Disinfection/Treatment Infrastructure (if applicable)	
Water Reticulation, Pump Stations and water storages	
Sewer Reticulation and Pump Stations	
Electrical Reticulation and Street Lighting	
Public Transport	
Associated Documentation/ Specification	
Priced Schedule of Quantities	
Referral Agency Conditions	
Supporting Information (AP1.08)	
Other	

Conscientiously believing the above statements to be true and correct, signed on behalf of:

Designer Brian Smyth **RPEQ No** 9326

Name in Full Briley Consultants Pty, Ltd.

Signature  **Date** 05/04/2019



Operational Works Receipting Checklist

(To be completed by Consulting engineer making the application)

Name of Council: *DOUGLAS SHIRE COUNCIL*
Development Name and Location: *PROPOSED SEALING OF AND UPGRADING TO TATI ROAD, MIALLO*

Planning Permit No/Council File No: *NA* / /

<u>DESIGN SUBMISSION</u>	<u>CHECK</u>	<u>COMMENT</u>
1. Completed 'Statement of Compliance' form. (FNQROC - AP1 – Appendix A)	✓	
2. IDAS Forms A ,E & IDAS Assessment Checklist (Available from www.ipa.qld.gov.au)	✓	<i>FORM 1.</i>
3. Payment of Engineering Application Fees (Copy of receipt to be attached)		
4. Copy of Decision Notice for Development Application Conditions, <u>inc. explanation of how each condition is to be addressed (Statement of Compliance)</u>		<i>N.A.</i>
5. Engineering Design drawings - Complete sets (1 x A1 set, 2 x A3 sets and 1 x electronic copy on compact disc in 'PDF' format)	✓	
6. One copy of Design and Standard Specifications (Unbound Copy Preferable)	✓	<i>IN ACCORDANCE WITH FNQROC DESIGN MANUAL</i>
7. Written consent from adjoining property owners authorising any works on their property	✓	<i>N.A</i>
8. Water reticulation network in electronic format (Engineer to confirm system requirements and compatibility with Cairns Water)		<i>N.A</i>
9. Landscape drawings - Complete set (1 x A1 set, 2 x A3 sets and 1 x electronic copy on compact disc in 'PDF' format). These must be accompanied by elements of the stormwater & street lgt. layout design, to avoid conflicts.		<i>N.A</i>



Operational Works Receipting Checklist

(To be completed by Consulting engineer making the application)

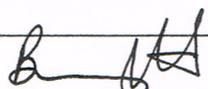
<u>DESIGN SUBMISSION</u>	<u>CHECK</u>	<u>COMMENT</u>
10. Overall network drawings (for staged development) for:		
• Water		N.A.
• Stormwater		N.A.
• Sewer		N.A.
• Pathways and roads		N.A.
• Street Lighting		N.A.
• Electrical		N.A.
• Gas		N.A.
• Public Transport		N.A.
• Park Reserves		N.A.
• Drainage Reserves		N.A.
11. Pavement design criteria	✓	
12. Geotechnical reports for proposed earthworks		N.A.
13. Structural and geotechnical certificates for retaining walls etc.		N.A.
14. Water supply/sewerage pump station design parameters		N.A.
15. Stormwater drainage calculations		N.A.
16. Erosion and Sediment Control Strategy (ESCS)		N.A.
17. Declared Pest Management Plan (if applicable)		N.A.
18. The approval of any other Authorities & concurrence agencies likely to be affected by the works.		N.A.



Operational Works Receipting Checklist

(To be completed by Consulting engineer making the application)

19. Contact details of the Consulting Engineer who is submitting the Application:

Name of Engineer	BRIAN SMYTH	
Name of Company	BRILEY CONSULTANTS PTY. LTD. 	
Telephone Number (s)	Office: (07) 4054 3052	Mobile: 0400543 052
Email address	br85287@bigpond.net.au	
RPEQ No.	9326	

20. Date of submission of application 05.10.2019

(For further information on all of the above refer to the FNQROC Development Manual Section AP1)