

14 September 2020

Neil Beck Team Leader - Planning Douglas Shire Council PO Box 273 Mossman QLD 4873

Dear Sir/Madam

Andrews Close Subdivision Change Application - Minor Change

Under instructions from, and on behalf of KS5 Pty Ltd, and pursuant to section 78 of the *Planning Act 2016*, we submit this Change Application (Minor Change) request to Change a Development Approval for a Reconfiguration of a Lot (1 lot into 15 lots) at 20-30 Langley Road – Council reference ROL 2019_3601/1.

Our ref: 12520641-18480-12

Your ref: ROL 2019_3601/1

Background

On 3rd December 2019, Douglas Shire Council (DSC) issued a Development Application Decision Notice to allow the reconfiguration of Lot 5 on RP804926 into 15 residential allotments. A copy of Council's Decision Notice is attached.

On 10th June 2020, DSC issued a Development Application Decision Notice for Operational Works associated with the 15 lot subdivision. The operational works have substantially commenced and are expected to be completed by December 2020, weather permitting.

A copy of Council's Decision Notice is attached.

Change Application

While the operational works have substantially commenced, there remains issues associated with access to the proposed Lot 9. Condition 3(b) of the Development Application Decision Notice ROL 2019 3601/1 requires the following:

Access

3. b. Vehicle access to proposed Lot 9 is limited to Langley Road. No vehicle access to and from Lot 9 is permitted to the internal cul-de-sac.

Recent advices from DSC indicate that this access condition was required for Lot 9 for a number of reasons including:

- alleged conflict with pedestrians within the cul-de-sac due to the number of proposed cross-overs within the cul-de-sac
- · traffic congestion within the cul-de-sac

The Applicant does not agree that access from the proposed Lot 9 to the cul-de-sac will cause additional traffic congestion or any additional conflicts with pedestrians. The 9 residential lots with access to the cul-de-sac would only generate about 7-8 traffic movements / hour during the morning and afternoon peaks and could hardly be defined as traffic congestion. Nine proposed lots to a cul-de-sac is not considered unusual; in fact there are a number of cul-de-sacs within the Port Douglas areas where there are significantly more accesses to a cul-de-sac.

While it is acknowledged that Langley Road is a No Through Road at this location, the new northern verge concrete footpath will provide direct access to Solander Blvd for pedestrians. Should Lot 9 be conditioned to provide a driveway, it will create a greater conflict for pedestrians that the cul-de-sac. It does not make sense to create additional traffic/pedestrian conflict on Langley Road, when access to the proposed Lot 9 can be gained from a lower order road. A driveway in the cul-de-sac is a far safer outcome for pedestrians than on Langley Road.

Change Application – section 78 of the Planning Act 2016

The Change Application (Minor Change) is require to be lodged with Douglas Shire Council in accordance with section 78 of the Act. Specifically, section 78(2) of the Act states that the Change Application must be made to the responsible entity. Section 78(3) of the Act states the **responsible entity** is –

- a. for a change application for a minor change to a development condition that the referral agency imposes the referral agency; or
- b. The P&E Court if
 - i. the change application is for a minor change; and
 - ii. the development approval was given because of an order of the court; and
 - iii. there were properly made submissions for the development application; or
- c. otherwise the assessment manager.

Further, in accordance with section 80(1) of the *Planning Act 2016*, the chief executive is not an affected entity for the Minor Change if the change satisfies the definition of a Minor Change provided in Schedule of the Act.

Schedule 2 states that a Minor Change means a change that -

- a) for a development approval
 - i. does not result in a substantially different development
 - ii. if a development application for the development, including the change, were made when the change is made would not cause
 - A. the inclusion of prohibited development in the application; or
 - B. referral to a referral agency, other than the chief executive, if there were not referral agencies for the development application;
 - C. or referral to extra referral agencies, other than the chief executive; or

- D. a referral agency to assess the application against, or have regard to, matters prescribed by regulation under section 55(2), other than matters the referral agency must have assessed the application against, or have regard to, when the application was made; or
- E. public notification if public notification was not required for the development application.

Accordingly, an assessment of how the proposed Change Application satisfies the criteria of a Minor Change, as defined in the *Planning Act 2016*, is provided below.

i. does not result in a substantially different development; and

Schedule 1 of the Development Assessment Rules provides advice on determining what is substantially different development. The relocation of the access for the proposed Lot 9 from Langley Road to the culde-sac does not constitute substantially different development.

The proposed change is not considered substantially different development for the following reasons:

- the proposed change does not involve a new use, rather the relocation of a proposed access to a lower order road for safety to reduce additional traffic conflicts.
- The change does not result in the application applying to a new parcel of land.
- The proposed change does not change the built form of the development. The approved development constitutes a reconfiguration of a lot.
- The proposed change does not alter the ability of the development to operate as intended.
- The proposed change does not remove a component of the development that is integral to the operation of the development.
- The proposed change does not impact on traffic flow. The 9 residential lots with access to the cul-desac would only generate about 7-8 traffic movements / hour during the morning and afternoon peaks.
 This does not impact on the safety or efficiency of the cul-de-sac or traffic flow within the cul-de-sac.
- The relocation of the access from Langley Road to the cul-de-sac for the proposed Lot 9 does not
 introduce new impacts. The relocation of the access reduces possible additional traffic/pedestrian
 conflicts in Langley Road and supports the Planning Scheme intent of providing access to lower
 order roads.
- There is no incentive or offset component associated with the development approval.
- The proposed change will not have any impacts on infrastructure provisions.
 - ii. if a development application for the development, including the change, were made when the change application is made would not cause
 - A. the inclusion of prohibited development; or

The proposed change does not result in the inclusion of prohibited development in the application.

- B. referral to a referral agency, other than the chief executive, if there were no referral agencies for the development application; or
- C. referral to extra referral agencies, other than the chief executive; or
- D. a referral agency to assess the application against, or have regard to, matters prescribed by regulation under section 55(2), other than matters the referral agency must have assessed the application against, or have regard to, when the application was made; or The original application required referral to the Department of Environment and Science for a wetland protection area. If the application were remade today, including the proposed change, it would still require referral to the State, with the Department of Environment and Science as a technical advice agency. The proposed change does not trigger any additional referral agencies for any other matters.
- E. public notification if public notification was not required for the development application.
 The original development application was code assessable. If the application were remade today, including the proposed change, the application would still be code assessable.

Based on the above, the Applicant considers the proposed change a Minor Change for the following reasons:

- The proposed change does not result in a substantially different development.
- The proposed change does not introduce a new use.
- The proposed change does not introduce development that would be considered prohibited development.
- The proposed change has no effect on referral agencies.
- The proposed change would still result in a code assessable application if the application were remade today.

Accordingly, the Applicant requests that Condition 3b be deleted from the Development Application Decision Notice and access to the proposed Lot 9 be allowed from the cul-de-sac.

The application fee for the Change Application (Minor Change) is \$1,174.90 based on Council's 2020/2021 Fes and Charges Schedule. The Applicant will pay this fee directly to Council following lodgement. The *Planning Act 2016* Change Application form is also attached.

We trust the representations contained in the Change Application are sufficient for Council's purposes. We look forward to receiving Council Decision Notice for the proposed Change Application at Council's earliest convenience.

Please don't hesitate to contact the undersigned should you have any further questions.

Sincerely GHD

Erin Campbell

Tin Campbell

Senior Planner +61 7 47200434

Change application form

Planning Act Form 5 (version 1.2 effective 7 February 2020) made under Section 282 of the Planning Act 2016.

This form is to be used for a change application made under section 78 of the *Planning Act 2016*. It is important when making a change application to be aware of whether the application is for a minor change that will be assessed under section 81 of the *Planning Act 2016* or for an other change that will be assessed under section 82 of the *Planning Act 2016*.

An applicant must complete all parts of this form, and provide any supporting information that the form identifies as being required to accompany the change application, unless stated otherwise. Additional pages may be attached if there is insufficient space on the form to complete any part.

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) (individual or company full name)	KS3 Pty Ltd
Contact name (only applicable for companies)	C/- GHD (Erin Campbell)
Postal address (P.O. Box or street address)	PO Box 930
Suburb	Townsville
State	QLD
Postcode	4810
Country	
Email address (non-mandatory)	Erin.Campbell@ghd.com
Mobile number (non-mandatory)	
Applicant's reference number(s) (if applicable)	

2) Owner's consent - Is written consent of the owner required for this change application? Note: Section 79(1A) of the Planning Act 2016 states the requirements in relation to owner's consent.
☐ Yes – the written consent of the owner(s) is attached to this change application☒ No

PART 2 – LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable) 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). Suburb Unit No. Street No. Street Name and Type 20-30 Langley Road Port Douglas a) Postcode Lot No. Plan Type and Number (e.g. RP, SP) Local Government Area(s) 4877 SP804926 **Douglas Shire Council** 5 Unit No. Street No. Suburb Street Name and Type b) 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.								
Coordinates of premises by longitude and latitude								
Longitude(s)	L	_atitude(s)		Datum		Local Go	overnment Area(s) (if applicable)	
				☐ WGS84				
				☐ GDA94				
				Other:				
☐ Coordinates of I	premises	s by easting	and northing					
Easting(s)	Northin	g(s)	Zone Ref.	Datum		Local Go	overnment Area(s) (if applicable)	
			☐ 54	☐ WGS84				
			<u></u> 55	☐ GDA94				
			□ 56	Other:				
3.3) Additional prer	mises							
				development a	approval and	the details	s of these premises have	
been attached in	n a sche	dule to this	application					
Not required ■								
PART 3 – RES	DONIS		NTITV DE	TAII Q				
FANT 3 - NLO	OFOING	DIDLL LI	ווווו טנ	IAILO				
4) Identify the resp	onsible e	entity that w	ill he assessi	ng this chang	e application			
Note: see section 78				ng tina chang	e application			
Douglas Shire Cou		<u> </u>						
PART 4 – CHA	NGE	DETAILS	S					
5) Provide details of	of the exi	sting develo	opment appro	oval subject to	this change	applicatio	n	
Approval type		Reference	e number	Date	issued		Assessment	
							manager/approval entity	
Development pe		ROI 201	9_3061/1	3 Dec	cember 2019		Douglas Shire Council	
☐ Preliminary app	roval	1102 201		0 200				
Development pe								
☐ Preliminary app	roval							
C) T (-1		-1						
6) Type of change	<u> </u>							
6.1) Provide a brief approval for a five						pproval (e	.g. changing a development	
Deletion of Condition	on from t	Developmer	it Application	i Decision inc	uce			
6.2) What turn of a	la a u au a la	this						
	6.2) What type of change does this application propose?							
				ose?				
☑ Minor change a☑ Other change a	pplication	n – proceed	I to Part 5	ose?				

PART 5 – MINOR CHANGE APPLICATION REQUIREMENTS

7) Are there any affected entities for	or this change application	
No – proceed to Part 7	or this change application	
Yes – list all affected entities be	slow and proceed to Part 7	
Note: section 80(1) of the Planning Act 20	16 states that the person making the change application must d entity as identified in section 80(2) of the Planning Act 2016.	
Affected entity	Pre-request response provided? (where a pre-request response notice for the application has been given, a copy of the notice must accompany this change application)	Date notice given (where no pre- request response provided)
	☐ No ☐ Yes – pre-request response is attached to this change application	
	NoYes − pre-request response is attached to this change application	
	☐ No☐ Yes – pre-request response is attached to this change application	
PART 6 – OTHER CHANG	GE APPLICATION REQUIREMENT	·s
	ry for you to complete parts of DA Form 1 – Development app	
of DA Form 2 – Building work details, as men	tioned below. These forms are available at https://planning.ds.	<u>dmip.qld.gov.au</u> .
8) Location details - Are there any original development approval?	additional premises included in this change applic	ation that were not part of the
□ No		
∐ Yes		
9) Development details		
9.1) Is there any change to the typapplication?	e of development, approval type, or level of asses	sment in this change
□ No		
	and 2 of Part 3 (Development details) of DA Ford to the new or changed aspects of development at	
9.2) Does the change application in	nvolve building work?	
	ilding work details) of DA Form 2 – Building work	details as it relates to the
change application is provided v	with this application.	
	ange application require referral for any referral re	
Note : The application must be referred to e development application including the	each referral agency triggered by the change application as if t e proposed change.	he change application was the original
No ☐ Yes – the completed Part 5 (Re	eferral details) of <i>DA Form 1 – Development appli</i> c	cation details as it relates to the
change application is provided	with this application. Where referral is required for puilding work is also completed.	
11) Information request under Part	3 of the DA Rules	
	n request if determined necessary for this change	application
☐ I do not agree to accept an info Note: By not agreeing to accept an informa	rmation request for this change application tion request I, the applicant, acknowledge:	

- that this change application will be assessed and decided based on the information provided when making this change application and the
 assessment manager and any referral agencies relevant to the change application are not obligated under the DA Rules to accept any
 additional information provided by the applicant for the change application unless agreed to by the relevant parties
- Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.

Further advice about information requests is contained in the DA Forms Guide: Forms 1 and 2.

12) Further details
☐ Part 7 of DA Form 1 – Development application details is completed as if the change application was a
development application and is provided with this application.

PART 7 – CHECKLIST AND APPLICANT DECLARATION

13) Change application checklist	
I have identified the:	
responsible entity in 4); and	
for a minor change, any affected entities; and	Yes
 for an other change all relevant referral requirement(s) in 10) Note: See the Planning Regulation 2017 for referral requirements 	
For an other change application, the relevant sections of <u>DA Form 1 – Development</u> <u>application details</u> have been completed and is attached to this application	☐ Yes ☒ Not applicable
For an other change application, where building work is associated with the change application, the relevant sections of <u>DA Form 2 – Building work details</u> have been completed and is attached to this application	☐ Yes ☑ Not applicable
Supporting information addressing any applicable assessment benchmarks is attached to this application Note: This includes any templates provided under 23.6 and 23.7 of DA Form 1 – Development application details that are relevant as a result of the change application, a planning report and any technical reports required by the relevant categorising instrument(s) (e.g. the local government planning scheme, State Planning Policy, State Development Assessment Provisions). For further information, see DA Forms Guide: Planning report template.	⊠ Yes
Relevant plans of the development are attached to this development application Note: Relevant plans are required to be submitted for all relevant aspects of this change application. For further information, see <u>DA Forms Guide: Relevant plans.</u>	⊠ Yes

14) Applicant declaration

By making this change application, I declare that all information in this change application is true and correct.

Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the responsible entity and any relevant affected entity or referral agency for the change application where written information is required or permitted pursuant to sections 11 and 12 of the *Electronic Transactions Act 2001*.

Note: It is unlawful to intentionally provide false or misleading information.

Privacy – Personal information collected in this form will be used by the responsible entity and/or chosen assessment manager, any relevant affected entity or referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the change application.

All information relating to this change 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 *Planning Act 2016*, Planning Regulation 2017 and the DA Rules except where:

- such disclosure is in accordance with the provisions about public access to documents contained in the *Planning Act 2016* and the Planning Regulation 2017, and the access rules made under the *Planning Act 2016* and Planning Regulation 2017; or
- required by other legislation (including the Right to Information Act 2009); or
- otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

PART 8 – FOR COMPLETION OF THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

Date received:	Potoronoo numb	oor(a):	
Date received.	Reference numb	Jei(5).	
QLeave notification and pay	ment		
Note: For completion by assessme	nt manager if applicable		
Description of the work			
QLeave project number			
Amount paid (\$)		Date paid (dd/mm/yy)	
Date receipted form sighted	by assessment manager		
Name of officer who sighted	the form		



PO Box 723 Mossman Qld 4873 www.douglas.qld.gov.au enquiries@douglas.qld.gov.au ABN 71 241 237 800

> Administration Office 64 - 66 Front St Mossman P 07 4099 9444 F 07 4098 2902

3 December 2019

Enquiries:

Jenny Elphinstone

Our Ref:

ROL 2019 3061/1 (Doc ID 931072)

Your Ref:

FGC: 6038/01 L-EC2114

KS3 Pty Ltd C/- Flanagan Consulting Group C/ GHD 71 Stanley Street TOWNSVILLE QLD 4810

Email: Erin.Campbell@ghd.com

Attention Ms Erin Campbell

Dear Madam

Development Application for Reconfiguring of a Lot (1 Lot into 15 Lots)
At 20-30 Langley Road Port Douglas
On land described as Lot 5 on RP804926

Please find attached the Decision Notice for the above-mentioned development application.

Please quote Council's application number: ROL 2019_3061/1 in all subsequent correspondence relating to this development application.

Should you require any clarification regarding this, please contact Jenny Elphinstone on telephone 07 4099 9482.

Yours faithfully

Paul Hoye

Manager Environment & Planning

cc. State Assessment and Referral Agency (SARA) E: CairnsSARA@dilgp.qld.gov.au

encl.

- Decision Notice
 - Approved Drawing(s) and/or Document(s)
 - o Concurrence Agency Response
 - o Reasons for Decision non-compliance with assessment benchmark.
- Advice For Making Representations and Appeals (Decision Notice)
- Adopted Infrastructure Charges Notice
- Advice For Making Representations and Appeals (Infrastructure Charges)



Decision Notice

Approval (with conditions)

Given under section 63 of the Planning Act 2016

Applicant Details

Name:

KS3 Pty Ltd

Postal Address:

C/- Flanagan Consulting Group

C/ GHD

71 Stanley Street Townsville Qld 4810

Email:

Erin.Campbell@ghd.com

Property Details

Street Address:

20-30 Langley Road, Port Douglas

Real Property Description:

Lot 5 on RP804926

Local Government Area:

Douglas Shire Council

Details of Proposed Development

Development Permit for Reconfiguring of a Lot (1 Lot into 15 Lots).

Decision

Date of Decision:

3 December 2019

Decision Details:

Development Permit Approved (subject to conditions).

Approved Drawing(s) and/or Document(s)

Copies of the following plans, specifications and/or drawings are enclosed.

The term 'approved drawing(s) and / or document(s)' or other similar expressions means generally the following plans together with any amendments as required by the Conditions of the approval:

Drawing or Document	Reference	Date
Proposal Plan	Flanagan Consulting Group Drawing 6038-SK01 F (Council Document ID 912385).	13 September 2019
Roadworks and Drainage Plan	Flanagan Consulting Group Drawing 6038- SK02 e (Council Document ID 928437).	12 November 2019.
Concept Site Grading	Flanagan Consulting Group Drawing 6038- SK05 e (Council Document ID 928437).	12 November 2019.
Sewerage Reticulation Plan	Flanagan Consulting Group Drawing 6038- SK04 D (Council Document ID 928437).	12 November 2019.
Water Reticulation Plan	Flanagan Consulting Group Drawing 6038- SK03 E dated 19 December 2019 and as annotated by Council (Council Document ID 930021)	26 November 2019.

Note – The plans referenced above will require amending in order to comply with conditions of this Decision Notice.

Assessment Manager Conditions & Advices

Assessment Manager Conditions

- 1. Carry out the approved development generally in accordance with the approved drawing(s) and/or document(s), and in accordance with:
 - a. The specifications, facts and circumstances as set out in the application submitted to Council; and
 - b. The following conditions of approval and the requirements of Council's Planning Scheme and the FNQROC Development Manual.

Except where modified by these conditions of approval.

Timing of Effect

2. The conditions of the Development Permit must be effected prior to the lodgement of the Survey Plan for signing and dating, except where specified otherwise in these conditions of approval.

Access

- 3. a. No lot is to have vehicle access to or from Solander Boulevard.
 - b. Vehicle Access to proposed Lot 9 is limited to Langley Road. No vehicle access to and from Lot 9 is permitted to the internal cul-de-sac.

Building and Structure setbacks

4. No buildings or structures are to be located within 3 m of the Solander Boulevard frontage of the site on Lots 1-4 unless otherwise approved by the Chief Executive Officer.

Street Layout and Design

- 5. The street layout and design is to be generally in accordance with Flanagan Consulting Group Proposal Plan 6038-SK02e dated 19 November 2019 and must comply with Queensland Streets and the FNQROC Development Manual, to the satisfaction of the Chief Executive Officer. In particular:
 - a. The new internal road must have a minimum road reserve width of 14.5 metres;
 - b. Langley Road must be upgraded to reflect the road form and geometry of the existing constructed Langley Road west from Andrews Close for the full frontage of the site. Unless otherwise approved, the road upgrade must include new kerb and channel, subsoil drains and road pavement to the crown of the road;
 - c. The upgrade of Langley Road must include the provision of a two (2) metre wide concrete footpath along the frontage of the site including a new kerb ramp on Andrews Close;
 - d. The upgrade of Langley Road must be designed to ensure that the intersection with Solander Boulevard is designed to suitable enable Council vehicle access and public pedestrian access onto Solander Boulevard;
 - e. Detail of proposed retaining structure along the Solander Boulevard frontage of the site that may include a single pedestrian access for each lot fronting Solander Boulevard and must be provided prior to seeking a Development Permit for Operational Work. The retaining structure is to have regard to protection from future storm tide inundation and amenity to the neighbouring Solander Boulevard. These works are to be undertaken at the time of other civil work associated with the development.
 - f. Provision of a fill on each lot whereby:
 - i. Fill areas for the lots are at a level to provide an immunity to a 1% storm tide event (having regard to a 0.8m sea level rise for the year 2100 or a lower level if nominated under a State Planning Policy at the time of lodgement of the application for Operational Work) and a 1% flood event.

The nominated fill level to provide immunity to the 1% AEP stormtide event is to be as per the Cairns BMT-WMB Cairns Region Storm Tide Inundation Study, Final Report and Mapping January 2013 (Council reference Doc ID: 462510) or another superseding report or individual study approved or found satisfactory to the satisfaction of the Chief Executive Officer.

Where the freeboard applied relevant to the BMT WMB report (Page 45 of the Study report) is less than the report recommendation, such lesser height must be qualified by the study author as suitable for the land to the satisfaction of the Chief Executive Officer. Alternatively, the qualification maybe provided by a peer coastal engineer to the satisfaction of the Chief Executive Officer;

- ii. All fill is to drain to lawful point of discharge and must not detrimentally impact on upstream, downstream or surrounding land and/or proposed lots;
- iii. Fill areas must be suitably retained with suitably revetment protection from coastal erosion and impacts of storm tide inundation;
- V. Where the minimum fill results in an increase of ground level of 1m or greater to the neighbouring northern boundary for proposed lots 4, 5, 6 and 7, section and site plans are to be provided, for each of the adjacent lots and at least at the highest point, detailing the proposed height and proposed treatment(s) including landscaping to ensure the continued amenity of the neighbouring lots. The design is to ensure no ponding occurs to neighbouring properties and all drainage received from the neighbouring land is adequately catered for. These works are to be undertaken at the time of other civil work associated with the development;

- vi. Where the minimum fill results in an increase of ground level of less than 1m, to the neighbouring northern boundary for proposed lots 4, 5, 6 and 7, the fill may be constructed to the boundary provided no ponding occurs to neighbouring properties and all drainage received from the neighbouring land is adequately catered for;
- g. All lots must provide for suitable vehicle access.

An amended plan incorporating the above requirements must be submitted prior to the issue of a Development Permit for Operational Work.

All works must be carried out in accordance with the approved plans, to the requirements and satisfaction of the Chief Executive Officer prior to the lodgement of a Survey Plan for signing and dating.

Water Supply and Sewerage Works Internal

- Undertake the following water supply and sewerage works internal to the subject land generally in accordance with Flanagan Consulting Group Sketches 6038-SK03D and 6038-SK04D:
 - a. Provide a single internal sewer connection to each lot in accordance with the FNQROC Development Manual;
 - b. If any existing sewer connections or property connection branches are proposed to be retained, further detail is to be provided to support the condition and capacity of the connection. CCTV footage is required to confirm the suitability of the existing connections for reuse. Existing sewer connections not retained must be decommissioned.
 - c. Provide a minimum 100mm (PN16, Blue Brute) diameter water main in the new culde-sac with a 63mm (HDPE, PN16 blueline) OD loop main in accordance with the FNQROC Development Manual requirements;
 - d. Provide a minimum 125mm HDPE SDR11 PN 16 road crossing connecting to the 100mm main on the southern side of Langley Road connected with Hot Tap (tapping under pressure) and under DSC water supervision. The 100mm road crossing must be on the eastern side of the new cul-de-sac;
 - e. Services to be installed and tapped during the main laying, bring service into property boundary 500mm and 300mm deep, If driveways/cross overs have not been allocated then service is to be installed in the middle of block, this avoids the chance of the service being under a driveway,
 - f. Provide all fittings and valving in accordance with the FNQROC Development Manual requirements; and
 - g. Decommission and remove the existing AC water main along the Langley Road frontage of the site and any existing water meters or water supply connections into the site.

All the above works must be designed and constructed in accordance with the FNQROC Development Manual and generally as the annotated water reticulation plan.

Engineering design plans incorporating the above requirements must be submitted prior to the issue of a Development Permit for Operational Work.

All works must be carried out in accordance with the approved plans, to the requirements and satisfaction of the Chief Executive Officer prior to the lodgement of the Survey Plan for signing and dating.

Damage to Infrastructure

7. In the event that any part of Council's existing sewer / water infrastructure is damaged as a result of construction activities occurring on the site, including but not limited to, mobilisation of heavy earthmoving equipment, stripping and grubbing, the applicant / owner must notify Council immediately of the affected infrastructure and have it repaired or replaced by Council, at the developer's cost, prior to the lodgement of the Survey Plan for signing and dating.

Acid Sulfate Soil Management Plan

- 8. a. Undertake an Acid Sulfate Soil sampling, investigation and analysis in the area to be affected by this development in accordance with:
 - i. the Queensland Acid Sulfate Soil Technical Manual Soil Management Guidelines version 4.0 (2014);
 - ii. the Acid Sulfate Soils Laboratory Methods Guidelines (version. 2.1, June 2004; and
 - iii. the State Planning Policy 2017.
 - b. Provide a statement to Council that
 - present Acid Sulfate Soils and/or Possible Acid Sulfate Soils are not present, or
 - ii. that management of present Acid Sulfate Soils and/or Possible Acid Sulfate Soils has been incorporated into an Acid Sulfate Soils Environmental Management Plan prepared in accordance with the abovementioned documents.

Identification of soils with a pyrite content in excess of the action levels will trigger a Acid Sulfate Soil Environmental Management Plan which must be prepared to the satisfaction of the Chief Executive Officer.

Where earthworks are undertaken without a Development Permit for Operational Work, the results of this investigation must be submitted to Council for approval, ten (10) business days prior to any earthworks or clearing being commenced on the site.

Where earthworks are undertaken in association with a Development Permit for Operational Work, the results must accompany such application lodged to Council.

Drainage Study of Site and drainage Design Plan

- 9. Undertake a local drainage study of the site to determine the drainage impacts on upstream and downstream properties and the mitigation measures required to minimise such impacts. In particular, the study must address the following:
 - The contributing catchment boundaries, including specifically the drainage from northern properties entering the site and discharging via surface drainage and pipe systems through proposed lot 4 and within Solander Boulevard to the east of proposed lot 4;
 - The extent of the 100 year ARI flood event in relation to the site both pre- and postdevelopment;
 - d. Primary and secondary flow paths for the 5 and 100 year ARI flood events, including external flows currently discharging through the site;
 - e. Identify any requirement for drainage easements;
 - f. Identify the need and tenure for flood detention areas to ensure a no-worsening impact on downstream properties for the entire development;

- g. In the absence of flood detention, the drainage study provides a concept design to limit the primary piped drainage flows entering the existing drainage system that drains to the west to no more that the pre-development flows and ensure that all overland flows are able to be conveyed to Langley Road east to Solander Boulevard to the existing drainage swale outlet near the northern property boundary on Solander Boulevard. Depth and width of flows in Langley Road east from the culde-sac in the minor event are to be provided in the supporting calculations for the operational works submission;
- h. Information on the proposed works and any impacts proposed at the drainage outlet from the proposed development; and
- i. Lawful point of discharge.

A plan of proposed drainage works must then be prepared to show the study outcomes and include the following considerations:

- i. Drainage infrastructure in accordance with FNQROC Development Manual except as modified under (g) above.
- ii.. All new allotments shall have immunity from flooding associated with the ARI 100 year rainfall event and the 100 year storm tide event;
- iii. Where practical, all new allotments must be drained to the road frontages, drainage easements or drainage reserves and discharged to the existing drainage system via stormwater quality device(s);
- iv. Existing surface drainage along the northern property boundary must be addressed in the plan of drainage works unless otherwise approved by Council following review of the outcomes of the drainage study; and
- v. The underground drainage network to the west is to be limited to the predevelopment flows and any additional runoff is to be conveyed overland in Langley Road east to Solander Boulevard

The study and the proposed drainage works plan must be endorsed by the Chief Executive Officer prior to the issue of a Development Permit for Operational Work.

Access Construction

10. Construct a concrete driveway or other approved surface to the nominated building area located in Lot 4.

All works must be carried out in accordance with the approved plans and must be to the requirements and satisfaction of the Chief Executive Officer prior to the lodgement of the Survey Plan for signing and dating.

Demolish Structures

11. All structures not associated with the approved development (including disused services and utilities) must be demolished and/or removed from the subject land prior to the lodgement of the Survey Plan for signing and dating.

Stockpiling and Transportation of Fill Material

12. Soil used for filling or spoil from the excavation is not to be stockpiled in locations that can be viewed from adjoining premises or a road frontage for any longer than one (1) month from the commencement of works.

Transportation of fill or spoil to and from the site must not occur within:

- a. peak traffic times; or
- b. before 7:00 am or after 6:00 pm Monday to Friday; or
- before 7:00 am or after 1:00 pm Saturdays; or

- d. on Sundays or Public Holidays.
- 13. Dust emissions or other air pollutants must not extend beyond the boundary of the site and cause a nuisance to surrounding properties.

Storage of Machinery and Plant

14. The storage of any machinery, material and vehicles must not cause a nuisance to surrounding properties, to the satisfaction of the Chief Executive Officer.

Construction Access

15. Vehicular access to the site for construction and demolition purposes must be provided from Langley Road only, unless authorised by the Chief Executive Officer.

Sediment and Erosion Control

16. A sediment and erosion control plan must be submitted prior the issue of a Development Permit for Operational Works. Such plans must be installed / implemented prior to discharge of water from the site, such that no external stormwater flow from the site adversely affects surrounding or downstream properties (in accordance with the requirements of the Environmental Protection Act 1994, and the FNQROC Development Manual).

Existing Services

- 17. Written confirmation of the location of existing services for the land must be provided. In any instance where existing services are contained within another lot, the following applies, either:
 - a. Relocate the services to comply with this requirement; or
 - b. Arrange registration of necessary easements over services located within another lot prior to, or in conjunction with, the lodgement of a Survey Plan for signing and dating to create a lot.

Electricity Supply

18. Written evidence from Ergon Energy advising if distribution substation/s are required within the development must be provided. If required, details regarding the location of these facilities must be submitted to the Chief Executive Officer accompanied by written confirmation from Ergon Energy. Details regarding electricity supply must be provided prior to the issue of a Development Permit for Operational Work.

Electricity and Telecommunications

19. Written evidence of negotiations with Ergon Energy and the telecommunication authority must be submitted to Council stating that both an underground electricity supply and telecommunications service will be provided to the development prior to the lodgement of a Survey Plan for signing and dating.

Street Lighting

- 20. The following arrangements for the installation of street lighting within the proposed subdivision must be prior to the lodgement of a Survey Plan for signing and dating:
 - a. Prior to the issue of a Development Permit for Operational Work a Rate 2 lighting scheme is to be prepared by an Ergon Energy approved consultant and submitted to the Chief Executive Officer for approval. The Rate 2 lighting scheme is to be designed in accordance with the relevant Road Lighting Standard AS/NZS 1158 and the FNQROC Development Manual. The applicable lighting category is to be determined from the Road Hierarchy Table D1.1 and the corresponding applicable Lighting Categories Table D8.1 as identified in the FNQROC Development Manual.

The lighting scheme must show light pole locations that align with property boundaries that represent the permitted design spacing and demonstrates no conflicts with stormwater, kerb inlet pits and other services.

The design must provide the applicable illumination level specified in the Road Lighting Standard AS/NZS 1158 at the following road elements:

- i. Intersections
- ii. Pedestrian Refuges
- iii. Cul-de-sacs
- iv. LATM Devices

LATM Devices are to be shown on the civil layout design, the electrical services and street lighting design must be submitted in accordance with Ergon Energy's latest Distribution Design Drafting Standard.

- b. Prior to the issue of a Compliance Certificate for the Plan of Survey written confirmation that the relevant capital contribution required by Ergon Energy has been paid must be submitted, to ensure that the street lighting will be constructed.
- c. Where a new intersection is formed on an existing roadway for the purpose of accessing a new subdivision development, the intersection and existing road approaches must be provided with street lighting for a distance equivalent to at least two (2) spans either side of the intersection to the relevant Lighting Category.
- d. Where an existing intersection is required to be upgraded as part of a development approval, the intersection and existing road approaches must be provided with street lighting for a distance equivalent to at least two (2) spans either side of the intersection to the relevant Lighting Category.

Damage to Council Infrastructure

21. In the event that any part of Council's existing infrastructure is damaged as a result of construction activities occurring on the site, including but not limited to; mobilisation of heavy construction equipment, stripping and grubbing, the applicant/owner must notify Council immediately of the affected infrastructure and have it repaired or replaced at the developer's/owners/builders cost, prior to the lodgement of the Survey Plan for signing and dating.

Landscape Plan

22. Undertake landscaping of the street frontages of new roads, Langley Road and Andrews Close in accordance with FNQROC Development Manual and in accordance with a landscape plan.

Where Solander Boulevard is disturbed for drainage purposes, the area is to be grassed and in a mowable condition with a maximum profile of 1:4.

The landscape plan must be to the satisfaction of the Chief Executive Officer prior to the issue of a Development Permit for Operational Work. In particular, the plan must show:

- a. Planting of the footpath with trees, using appropriate species with regard to any overhead powerline constraints;
- b. The revegetation of cut and fill batters;
- c. Species to have regard to the Planning Scheme Landscaping Policy;
- d. Remediation and revegetation works to be undertaken within the both the major drainage line and the drainage reserve, including any works in Solander Boulevard;
- e. Inclusion of all requirements as detailed in other relevant conditions included in this Approval, with a copy of this Development Approval to be given to the applicant's Landscape Architect / Designer.

The landscape plan must be endorsed by the Chief Executive Officer prior to the issue of a Development Permit for Operational Work. Areas to be landscaped must be established prior to lodgement of the survey Plan for signing and dating. Landscaping must be maintained for the duration of the on-maintenance period to the satisfaction of the Chief Executive Officer.

Construction Signage

- 23. Prior to the commencement of any construction works associated with the development, a sign detailing the project team must be placed on the road frontage of the site and must be located in a prominent position. The sign must detail the relevant project coordinator for the works being undertaken on the site, and must list the following parties (where relevant) including telephone contacts:
 - a. Developer;
 - b Project Coordinator;
 - c. Civil Engineer; and
 - d. Civil Contractor.

Advice

- 1. This approval, granted under the provisions of the *Planning Act 2016*, shall lapse four (4) years from the day the approval takes effect in accordance with sections 85(1)(b) and 71 of the *Planning Act 2016*.
- 2. This approval does not negate the requirement for compliance with all relevant Local Laws and statutory requirements.
- 3. For information relating to the *Planning Act 2016* log on to www.dsdmip.qld.gov.au. To access the *FNQROC Development Manual*, Local Laws and other applicable Policies, log on to www.douglas.qld.gov.au.
- 4. The Commonwealth Environment Protection and Biodiversity Conservation Act 1999 applies to action that has, will have or is likely to have a significant impact on matters of national environmental significance.

Further information on the *EPBC Act* can be obtained from the Department of the Environment, Water, Heritage and the Arts website www.environment.gov.au/epbc EPBC Act Policy Statement 1.1 Significant Impact Guidelines Matters of National Environmental Significance (Oct. 2009).

Infrastructure Charges Notice

5. A charge levied for the supply of trunk infrastructure is payable to Council towards the provision of trunk infrastructure in accordance with the Infrastructure Charges Notice, a copy of which is attached for reference purposes only. The original Infrastructure Charges Notice will be provided under cover of a separate letter.

The amount in the Infrastructure Charges Notice has been calculated according to Council's Infrastructure Charges Resolution.

Please note that this Decision Notice and the Infrastructure Charges Notice are standalone documents. The *Planning Act 2016* confers rights to make representations and appeal in relation to a Decision Notice and an Infrastructure Charges Notice separately.

The amount in the Infrastructure Charges Notice is subject to index adjustments and may be different at the time of payment. Please contact the Development Assessment Team at council for review of the charge amount prior to payment.

The time when payment is due is contained in the Infrastructure Charges Notice.

Further Development Permits

Please be advised that the following development permits are required to be obtained before the development can be carried out:

All Operational Work

All Plumbing and Drainage Work must only be carried in compliance with the Queensland *Plumbing and Drainage Act 2018*.

Concurrence Agency Response

Concurrence Agency	Concurrence Agency Reference	Date	Council Electronic Reference
State Department Manufacturing, Infrastructure and Planning	1904-10894 SRA	30 May 2019	904465

Note – Concurrence Agency Response is attached. This Concurrence Agency Response maybe amended by agreement with the respective agency.

Currency Period for the Approval

This approval, granted under the provisions of the *Planning Act 2016*, shall lapse four (4) years from the day the approval takes effect in accordance with the provisions of Section 85 of the *Planning Act 2016*.

Rights to make Representations & Rights of Appeal

The rights of applicants to make representations and rights to appeal to a Tribunal or the Planning and Environment Court against decisions about a development application are set out in Chapter 6, Part 1 of the *Planning Act 2016*.

A copy of the relevant appeal provisions are attached.

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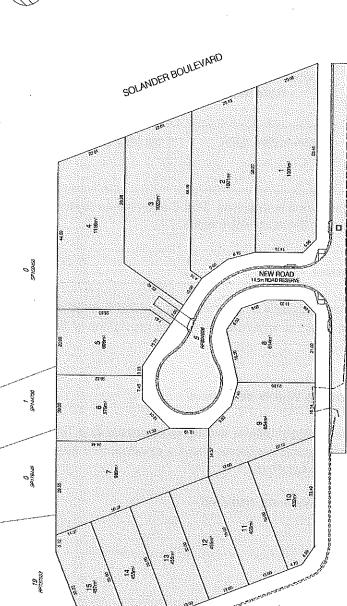
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ROL 2019_3061/1

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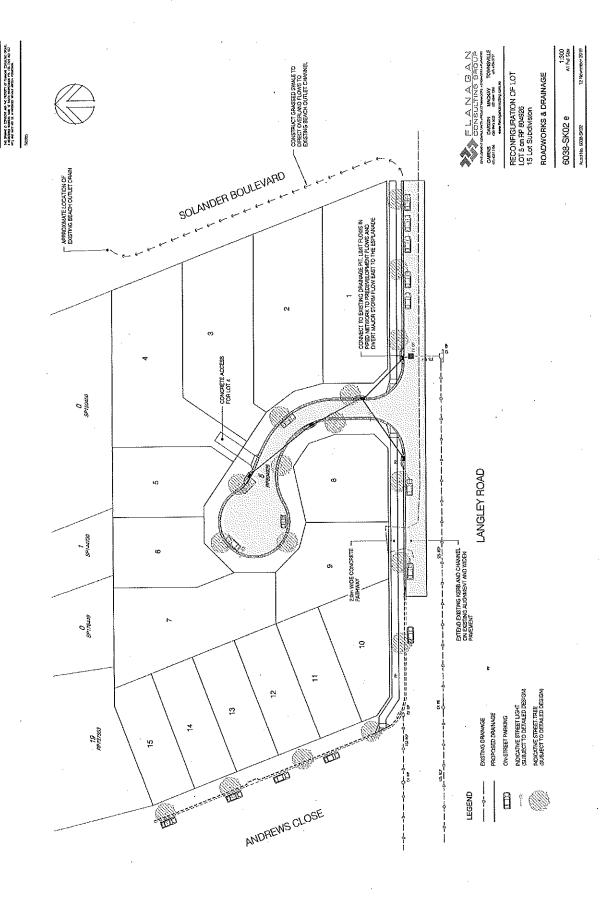
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Approved Drawing(s) and/or Document(s)



RECONFIGURATION OF LOT LOT 5 on RP 804926 15 Lot Subdivision

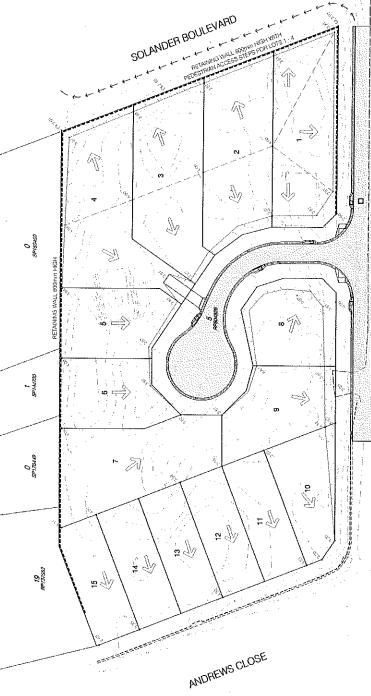
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LANGLEY ROAD

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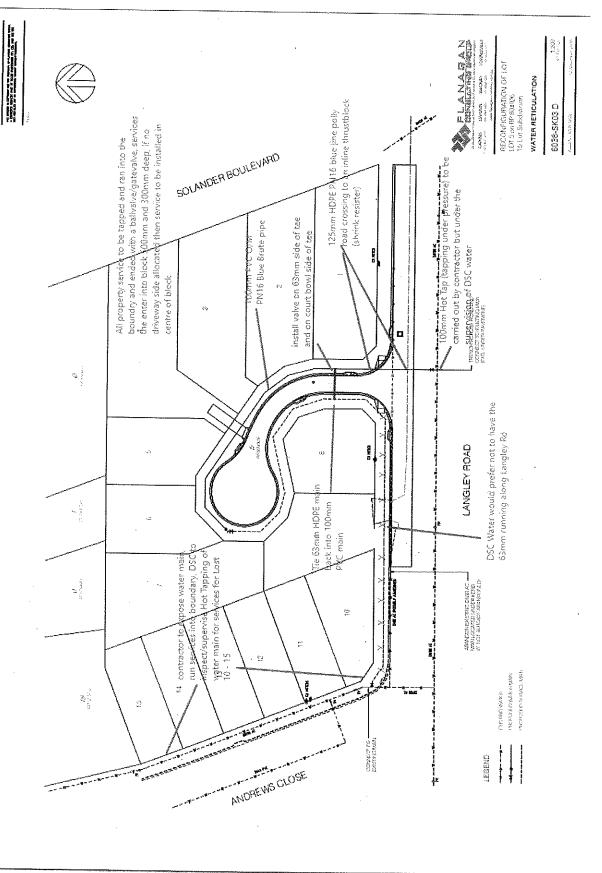


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	DEVELOPERS NAME				ESTATE	NAME	STAGE
	20-30 Langley Road		Port Douglas		L5 RP86	04926	1628
	STREET No. & NAME		SUBURB		LOT & R	P No.s	PARCEL No.
	ROL 16 lots				ROL 201	9_3061	4
	DEVELOPMENT TYPE				COUNCIL I	FILE NO.	VALIDITY PERIOD (year)
,	Doc ID: 921611		1		Payment prior t	o lodgmentof surve	y plan for endorsement
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dopted Charges as re nd from 2 July 2018)	esolved by Council at the Ordina	ary Meeting held o	on 5 June 20	18, Local G	overnment Infrastructur	e Plan, Planning Sch	eme Amendment (effect on
		Charge per Use	rate	Floor area/No.	Amount	Amount Paid	Receipt Code & GL Coo
ocality							
Port Douglas		and the contract of the contra				***	
roposed Demand		WWW.manaaaa					
esidential Lots	Separate house	Per House lot	19,491.00	15	292,365.00		
	Total Demand				292,365.00		
xisting Credit							
esidential Lot	Vacant Lot	Per House lot	19,491.00	1	19,491.00		Code 896
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·	Required Payment or Credit	<u> </u>	TOTAL		\$272,874.00		
repared by	J Elphi	nstone			26-Sep-19	Amount Paid	
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Note: The Infrastructure Ch	narges in this Notice are payal esolution from the Ordinary M	ble in accordance	e with Sect	ions 119 a	nd 120 of the <i>Plannin</i>	g Act 2016	

Charges are payable to: Douglas Shire Council, You can make payment at any of Council's Business Offices or by mail with your cheque or money order to Douglas Shire Council, PO Box 723, Mossman QLD 4873. Cheques must be made payable to Douglas Shire Council and marked 'Not Negotiable.'

Acceptance of a cheque is subject to collection of the proceeds. Post dated cheques will not be accepted

Any enquiries regarding Infrastructure Charges can be directed to the Development & Environment, Douglas Shire Council on 07 4099 9444 or by email on enquiries@douglas.qld.gov.au

Concurrence Agency Conditions

RA6-N



State Development. Manufacturing, Infrastructure and Planning

SARA reference: Council reference: Applicant reference:

1904-10894 SRA ROL 3061/2019 6038/01-L-EC2114

30 May 2019

Chief Executive Officer Douglas Shire Council PO Box 723 Mossman Old 4873 enquiries@douglas.qld.gov.au

Attention:

Jenny Elphinstone

Dear Sir/Madam

SARA response—20-30 Langley Road, Port Douglas

(Referral agency response given under section 56 of the Planning Act 2016)

The development application described below was confirmed as properly referred by the Department of State Development, Manufacturing, Infrastructure and Planning on 30 April 2019.

Response

Outcome:

Referral agency response - with conditions.

Date of response:

30 May 2019

Conditions:

The conditions in Attachment 1 must be attached to any development approval.

Advice:

Advice to the applicant is in Attachment 2.

Reasons:

The reasons for the referral agency response are in Attachment 3.

Development details

Description:

Development permit

Reconfiguring a lot (1 lot into 13 lots)

SARA role:

Referral Agency

SARA trigger:

Schedule 10, Part 20, Division 4, Table 2, Table 1 (Planning Regulation 2017)

Wetland protection area

SARA reference:

1904-10894 SRA

Assessment Manager:

Douglas Shire Council

Far North Queenshard regional office Ground Floor, Our Grafton and Hartley Street, Cairns PO Box 2358, Cairns QLD 4870

Page 1 of 6

Street address:

20-30 Langley Road, Port Douglas

Real property description:

Lot 5 on RP804926

Applicant name:

KS3 Pty Ltd

Applicant contact details:

PO Box 891

TOWNSVILLE OLD 4810 erin@flanaganconsulting.com.au

Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules)

Copies of the relevant provisions are in Attachment 4.

A copy of this response has been sent to the applicant for their information.

For further information please contact Joanne Manson, Principal Pfanning Officer, SARA Far North OLD on 40373228 or via email CaimsSARA@dsdmip.qld.gov.au who will be pleased to assist.

Yours sincerely

Brett Nancarrow Manager (Planning)

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KS3 Pty Ltd, c/- Flanegan Consulting, erin@flaneganconsulting.com.au co

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Attachment 1 - Referral agency conditions Attachment 2 - Advice to the applicant Attachment 3 - Reasons for referral agency response Attachment 4 - Change representation provisions

Department of State Development, Manufacturing, Infrastructure and Planning

Page 2 of 6

Attachment 1—Referral agency conditions
(Under section 56(1)(b)(i) of the *Planxing Act 2016* the following conditions must be attached to any development approval relating to this application)

No.	Conditions	Condition timing				
	Reconfiguring a lot					
admir Envir devek	dule 10, Part 20, Division 4, Table 2, Table 1 - Wetland protection are distering the Planning Act 2016 nominates the Director-General of the Di- comment and Science to be the enforcement authority for the developm opment approval relates for the administration and enforcement of any many conditions:	epartment of ent to which this				
1.	Erosion and sediment control measures which are in accordance with the Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association), are to be installed and maintained to prevent the release of sediment to the HES wetland as shown on the map of referable wetlands as defined in the Environmental Protection Regulation 2008. Note: HES referable wetlands are wetlands shown on the map of referable wetlands as defined in the Environmental Protection Regulation 2008.	For the duration of the works				
2.	Stormwater discharge must be treated in accordance with the Queensland Best Practice Environmental Management Guidelines before stormwater flow enters the HES wetland as shown on the map of referable wetlands as defined in the Environmental Protection Regulation 2008.	At all times				
·	Note: HES referable wetlands are wetlands shown on the <u>map of referrable wetlands</u> as defined in the Environmental Protection Regulation 2008.					
3.	(a) A Fauna Spotter Catcher (an authorised person who holds a rehabilitation permit with a spotter catcher endorsement under the Nature Conservation Act 1992), must be present on site to monitor earthworks and to respond to any situations that may arise from the discovery of native wildlife.	(a) Prior to works commencing				
	(b) If any native wildlife are identified onsite, work must cease. The Fauna Spotter Catcher must supervise the relocation of any identified wildlife prior to clearing and earthwork operations recommencing and relocate any found wildlife species at an appropriate location in close proximity of the subject site.	(b) While clearing/earthworks are occurring				

Attachment 2—Advice to the applicant

General advice

 Terms and phrases used in this document are defined in the Planning Act 2016 its regulation or the State Development Assessment Provisions (SDAP) [v2.4]. If a word remains undefined it has its ordinary meaning.

Tampering with an Animal Breeding Place of a Protected Species

 Under the Nature Conservation (Wildlife Management) Regulation 2006, in order to tamper with the breeding place of a protected species (identified in the Nature Conservation Act 1992) appropriate authorisation is required.

For further guidance on this please see the Species Management Program information on the Department of Environment and Science's <u>website</u>.

Protected plants

A clearing permit under the Nature Conservation Act 1992 will be required to remove any
protected plants from the premises.

More information on the clearing of protected plants can be found on the Department of Environment and Science's <u>website</u>.

It is recommended you meet with the Department of Environment and Science prior to applying for a permit under the Nature Conservation Act 1992.

The completed pre-design conference application form should submit to palm@des.gld.gov.au.

The Department of Environment and Science can be contacted via email at palm@des.qld.gov.au or by contacting 1300 130 372 (option 4) for information regarding clearing requirements under the Nature Conservation Act 1992.

Attachment 3—Reasons for referral agency response (Given under section 56(7) of the Planning Act 2016)

- The reasons for the department's decision are:

 The department carried out an assessment of the development application against the relevant state codes and complies with the relevant performance outcomes.
- The proposed development is not located in a high ecological significance wetland.
- The proposed development avoids adverse impacts on the adjacent high ecological significance wetland.
- With conditions the proposed development does not impact on matters of state environmental significance.

Material used in the assessment of the application:

- The development application material and submitted plans
- Planning Act 2016
- Planning Regulation 2017
- The State Development Assessment Provisions (version 2.4), as published by the department
- The Development Assessment Rules
- SARA DA Mapping system
- State Planning Policy mapping system

Department of State Development, Manufacturing, Infrastructure and Planning

Page 5 of 6

Attachment 4—Change representation provisions

(page left intentionally blank – attached separately)

Department of State Development, Manufacturing, Infrastructure and Planning

Page 6 of 6

Reasons for Decision

The reasons for this decision are:

- 1. Sections 60, 62 and 63 of the Planning Act 2016:
 - to ensure the development satisfies the benchmarks of the 2018 Douglas Shire
 Planning Scheme Version 1.0; and
 - b. to ensure compliance with the Planning Act 2016.
- 2. Findings on material questions of fact:
 - the development application was properly lodged to the Douglas Shire Council on the
 26 March 2019 under section 51 of the *Planning Act 2016* and Part 1 of the
 Development Assessment Rules; and
 - the development application contained information from the applicant which Council reviewed together with Council's own assessment against the 2017 State Planning Policy and the 2018 Douglas Shire Planning Scheme Version 1.0 in making its assessment manager decision; and
- 3. Evidence or other material on which findings were based:
 - a. the development triggered assessable development under the Assessment Table associated with the Tourist Accommodation Zone Code;
 - b. Council undertook an assessment in accordance with the provisions of sections 60, 62 and 63 of the *Planning Act 2016*; and
 - c. the applicant's reasons have been considered and the following findings are made:
 - i. Subject to conditions, the development satisfactorily meets the Planning Scheme benchmarks.

Alternative Measure/Comment Benchmark Reference Some of the proposed lots do not meet the Code: Tourist Accommodation Zone Performance Outcomes. The development meets PO10-PO12: the Code Purpose (3)(a) providing for "a range of New lots contain a minimum area of accommodation activities, with an emphasis on 1.000m2. short-term accommodation is established at a scale and density to service tourist needs." The New lots have a minimum road layout provides a range of lot sizes that can frontage of 20 metres. provide for a range of accommodation activities New lots contain a 25m x 20m including self-assessable dwelling houses and rectangle. code assessable short-term accommodation, both activities that meet the Code Purpose. The development complies with the code. Local Plan Code: AO2.1 Development provides for the The development is unable to retain mature vegetation that currently exists on the land due to retention and enhancement of the need to fill to achieve suitable ground heights existing mature trees and character respective to coastal processes (storm tide vegetation that contribute to the lush inundation). The vegetation was reviewed and tropical character of the town. found to not be of state significance. The land is PO2 Development retains and enhances not at a gateway. The vegetation on the nearby key landscape elements including road and Reserve provides a physical and character trees and areas of aesthetic buffer to the coastline. The development significant vegetation contributing to meets the Performance Outcome. the character and quality of the local plan area and significant views and vistas and other landmarks important in the context of the Port Douglas/ Craiglie Township Plan map contained in Schedule 2). Despite the non achievement of the lot Reconfiguring of a Lot Code development configuration outcomes, the lot PO1 Lots comply with the achieves many of the ROL Code Purposes, reconfiguration outcomes of the namely applicable Zone Code. (a) development results in a well-designed pattern of streets supporting walkable communities; (b) lots have sufficient areas, dimensions and shapes to be suitable for their intend use taking into account environmental features and site constraints: (c) road networks provide connectivity that is integrated with adjoining existing or planned development while also catering for the safe and efficient access for pedestrians, cyclists and for public transport;

Ben	chmark Reference	Alternative Measure/Comment
	en e	 (d) lots are arranged to front all streets and parkland such that development enhances personal safety, traffic safety, property safety and security; and contributes to streetscape and open space quality;
		(f) people and property are not placed at risk from natural hazards;
		The development complies with the Code.
Vege	etation Management Code	The development is supported despite the conflict
AO1	An acceptable outcome provides for vegetation damage where the removal facilitates an approved development.	with the vegetation management code. The development meets the State Planning Policy (SPP) regarding Natural Hazards of Storm Tide Inundation. Under section 1.5 of the Planning Scheme, the Overlay Code and the State
P01	(includes) Vegetation is protected to ensure that:	Planning Policy prevail over the Vegetation Management Code.
(a)	the character and amenity of the local area is maintained;	
(b)	vegetation damage does not result in fragmentation of habitats;	·
(c)	vegetation damage is undertaken in a sustainable manner;	
(d)	the Shire's biodiversity and ecological values are maintained and protected;	
Code	Purpose includes:	
(a)	vegetation is protected from inappropriate damage; (b) where vegetation damage does occur it is undertaken in a sustainable manner; c) significant trees are maintained and protected;	
(d)	biodiversity and ecological values are protected and maintained;	
(e)	habitats for rare, threatened and endemic species of flora and fauna are protected and maintained;	
(f)	landscape character and scenic amenity is protected and maintained;	



PO Box 723 Mossman Qid 4873 www.douglas.qid.gov.au enquiries@douglas.qid.gov.au ABN 71 241 237 800

> Administration Office 64 - 66 Front St Mossman P 07 4099 9444 F 07 4098 2902

3 December 2019

Enquiries:

Jenny Elphinstone

Our Ref:

ROL 2019_3061 (Doc ID)

Your Ref:

6038/01 L-EC2114

KS3 Pty Ltd C/- Flanagan Consulting Group C/ GHD 71 Stanley Street TOWNSVILLE QLD 4810

Email: Erin, Campbell@ghd.com

Attention Ms Erin Campbell

Dear Madam

Adopted Infrastructure Charge Notice
For Development Application for Reconfiguring of a Lot (1 Lot into 15 Lots)
At 20-30 Langley Road Port Douglas
On land described as Lot 5 on RP804926

Please find attached the Adopted Infrastructure Charges Notice issued in accordance with section 119 of the *Planning Act 2016.*

The amount in the Adopted Infrastructure Charges Notice has been calculated according to Council's Adopted Infrastructure Charges Resolution.

Please also find attached extracts from the Act regarding the following:

- your right to make representations to Council about the Adopted Infrastructure Charges Notice; and
- your Appeal rights with respect to the Adopted Infrastructure Charges Notice.

Please quote Council's application number: ROL 2019_3061 in all subsequent correspondence relating to this matter.

Should you require any clarification regarding this, please contact Jenny Elphinstone on telephone 07 4099 9444.

Yours faithfully

Paul Hoye

Manager Environment & Planning

encl.

- Adopted Infrastructure Charges Notice
- Rights to Make Representations and Appeals Regarding Infrastructure Charges

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	DEVELOPERS NAME				ESTATE		STAGE
	20-30 Langley Road		Port Douglas		L5 RP8	04926	1528
	STREET No. & NAME		SUBURB		LOT & RP No.s		PARCEL No.
	ROL 15 lots				ROL 201	9_3061	4
· · · · · · · · · · · · · · · · · · ·	DEVELOPMENT TYPE		<u></u>]		COUNCIL	FILE NO.	VALIDITY PERIOD (year)
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Adopted Charges as re and from 2 July 2018)	esolved by Council at the Ordina	ry Meeting held	on 5 June 20	18, Local (Government Infrastructui	re Plan, Planning Sche	eme Amendment (effect on
		Charge per Use	rate	Floor area/No.	Amount	Amount Paid	Receipt Code & GL Cod
Locality		030					
Port Douglas							
Proposed Demand							
Residential Lots	Separate house	Per House lot	19,491.00	15	292,365.00		
	Total Demand				292,365.00	,	
Existing Credit	:						
Residential Lot	Vacant Lot	Per House lot	19,491.00	1	19,491.00		Code 895
	Total Credit				19,491.00	*****	GL 07500.0135.0825
	*						
						·	
	Required Payment or Credit		TOTAL		\$272,874.00	_	e e
Prepared by	J Elphi	nstone		1	26-Sep-19	Amount Pald	
, topaica sy						·	
Checked by	D Lar	nond			30-Sep-19	Date Paid	
Date Payable						Receipt No.	
Amendments	Prior to endorsement of survey plan				Date	Noceipt No.	
, =,,=,,,,,,,						····	
						Cashier	
Note:						-	
The Infrastructure Ch	narges in this Notice are payal esolution from the Ordinary M	ole in accordan eeting held on	ice with Sect 5 June 2018	ions 119 : 8.	and 120 of the <i>Plannin</i>	og Act 2016	
Charge rates under Any Infrastructure Aç	the current Policy are not curre greement for trunk works must	ently subject to be determined	indexing. I and agreed	to prior to	issue of Developmen	t Permit for Operation	nat Work.
Douglas Shire Cour	e to: Douglas Shire Council. \ ncil, PO Box 723, Mossman Q eque is subject to collection of	LD 4873. Chec	aues must be	e made pa	yable lo Douglas Shire	or by mail with your o e Council and marked	heque or money order to d 'Not Negotiable.'
	ding Infrastructure Charges ca qid.gov.au					Shire Council on 07 4	1099 9444 or by email on



PO Box 723 Mossman Qld 4873 www.douglas.qld.gov.au enquiries@douglas.qld.gov.au ABN 71 241 237 800

> Administration Office 64 - 66 Front St Mossman P 07 4099 9444 F 07 4098 2902

10 June 2020

Enquiries: Neil Beck

Our Ref: OP 2020_3493/1 (956644)

Your Ref: 12520641

KS5 Pty Ltd C/- Greg Applin - GHD PO Box 819 CAIRNS QLD 4870

Dear Sir

Development Application for Operational Works At 20-30 Langley Road Port Douglas On Land Described as LOT: 5 RP: 804926

Please find attached the Decision Notice for the above-mentioned development application.

Please quote Council's application number: OP3493/2020 in all subsequent correspondence relating to this development application.

Also find attached a 'Pre-Start' meeting template, which identifies the information that must be provided for Council approval, prior to the commencement of works.

The template also provides the Consulting Engineer with a format for conducting the meeting. An invitation to attend the meeting must be sent to Council's representative Neil Beck on telephone number 07 4099 9451, giving at least five (5) working days notification if possible.

In addition to the Decision Notice, Council provides the following 'Advice Statement' which relates to issues that are relevant to the proposed works:

1. The Consulting Engineer is to present all contractors with a copy of this Decision Notice and the Council approved plans, prior to the commencement of works.

Should you require any clarification regarding this, please contact Neil Beck on telephone 07 4099 9451.

Yours faithfully

For Paul Hove

Manager Environment & Planning

encl.

Decision Notice

Doc ID: 956644 OP 2020 3493/1 Page 1 of 53

- o Approved Drawing(s) and/or Document(s)
- o Concurrence Agency Response
- Advice For Making Representations and Appeals



Decision Notice

Approval (with conditions)

Given under section 63 of the Planning Act 2016

Applicant Details

Name: KS5 Pty Ltd

Postal Address: C/- Greg Applin - GHD

PO Box 819

CAIRNS QLD 4870

Property Details

Street Address: 20-30 Langley Road PORT DOUGLAS

Real Property Description: LOT: 5 RP: 804926

Local Government Area: Douglas Shire Council

Details of Proposed Development

Development Permit for Operational Works

Decision

Date of Decision: 8 June 2020

Decision Details: Approved (subject to conditions)

Approved Drawing(s) and/or Document(s)

Copies of the following plans, specifications and/or drawings are enclosed.

Drawing No.	<u>Description</u>
42-12520641-C001	COVER SHEET & SITE PLAN
42-12520641-C002	STANDARD NOTES
42-12520641-C003	GENERAL ARRANGEMENT PLAN
42-12520641-C004	DEMOLITION / CLEARING PLAN
42-12520641-C005	CONTROL LINE SETOUT

42-12520641-C006	TYPE CROSS SECTIONS & DETAILS
42-12520641-C007	MISCELLANEOUS DETAILS
42-12520641-C008	LONGTITUDINAL SECTIONS - ROAD 01 & DRAIN 01
42-12520641-C009	LANGLEY ROAD CROSS SECTIONS SHEET 1 OF 2
42-12520641-C010	LANGLEY ROAD CROSS SECTIONS SHEET 2 OF 2
42-12520641-C011	ROAD 01 CROSS SECTIONS
42-12520641-C012	DRAIN 01 CROSS SECTIONS
42-12520641-C013	LANGLEY ROAD ROADWORKS PLAN
42-12520641-C014	LANGLEY ROAD SETOUT PLAN
42-12520641-C015	LANGLEY ROAD / ROAD 01 INTERSECTION PLAN
42-12520641-C016	TRENCH GRATE DETAILS
42-12520641-C017	ROAD 01 CUL-DE-SAC SETOUT PLAN
42-12520641-C018	SOLANDER BOULEVARD ACCESS - PLAN &
	DETAILS
42-12520641-C019	EARTHWORKS PLAN
42-12520641-C020	RETAINING WALLS AND FENCING PLAN
42-12520641-C021	RETAINING WALL DETAILS
42-12520641-C022	BEACH ACCESS STAIRS
42-12520641-C023	SEWER RETICULATION PLAN
42-12520641-C024	SEWER LONG SECTIONS
42-12520641-C025	WATER RETICULATION PLAN
42-12520641-C026	EROSION AND SEDIMENT CONTROL STRATEGY -
	PLAN
42-12520641-C027	EROSION AND SEDIMENT CONTROL STRATEGY -
	DETAILS SHEET 1 OF 2
42-12520641-C028	EROSION AND SEDIMENT CONTROL STRATEGY -
	DETAILS SHEET 2 OF 2

Landscape Plans

Drawing No.	Description
198-L00 Rev D	COVER PAGE
198-L101 Rev D	LANDSCAPE PLAN & PLANTING SCHEDULE
198-L102 Rev D	ENTRY WALL DETAILS
198-L103 Rev D	TYP. DETAILS
198-L200 Rev C	COVER PAGE
198-L201 Rev C	LANDSCAPE PLAN 01
198-L202 Rev C	LANDSCAPE PLAN 02 & DETAIL PLANS
198-L203 Rev C	TYP. DETAILS & PLANTING SCHEDULE
198-L204 Rev C	ENTRY WALL, RET WALL AND STAIR DETAILS

Note – The plans referenced above will require amending in order to comply with conditions of this Decision Notice.

Assessment Manager Conditions & Advices

1. General

a. Drawings must be submitted "for construction" and must be certified as approved by a registered professional engineer of Queensland (RPEQ).

2. Earthworks

a. The applicant is to ensure that any earthworks undertaken as part of the works maintains a free draining surface with no ponding of standing water resulting. Any amendments proposed to the existing finished surface profiles are to be identified and reported to Council prior to being undertaken on site. Resultant amendments shall be recorded on as constructed drawings to be submitted at the completion of the project.

b. Earthworks on Stage 2 lots (Lot 7 and 9) are to be completed for a minimum of 1.5m east from the Stage 1 boundary to ensure no interfacing issues in the future stage.

3. Roads and Paths

- a. Pavement design details are to be confirmed prior to pavement construction. Details provided to Council shall include subgrade CBR results for each pavement section, confirmation of traffic loadings adopted (as per FNQROC requirements) and final pavement design.
- b. The integrity of the pavement at the proposed new intersection between Road 01 and Langley Road must be investigated by a suitably qualified and experienced person (RPEQ) and must be certified as suitable for the additional traffic loading and movements at the intersection. Council requires justification on why the pavement between Ch 40m and 70m is not being reconstructed consistent with the section up to Ch40m.
- c. Amended drawings are to be provided to include the 50mm AC overlay for the new intersection being created where the new cul-de-sac intersects with Langley Road. The applicant is to confirm the underlying pavement condition and may need to replace the pavement between Ch 40 and 70 subject to the outcomes of the pavement review.
- d. The applicant is to demonstrate that vehicles can turn around at Solander Boulevard without relying on the concrete pathway to complete the turn around manoeuvre. Turning templates for the B99 vehicle are to be provided to demonstrate that sufficient footprint exists. The turnaround area is to be imperviously sealed and must have a minimum 200mm gravel pavement for the full extent of the turning area as defined from the turn templates.
- e. The pathway in Solander Boulevard is to be constructed for the full frontage of the site as a concrete pathway in accordance with the FNQROC Development Manual;
- f. Tactile indicators are to be included on access ramps on footpaths and at other locations where required for compliance;
- g. An additional Bollard is to be placed on the Langley Raod side of the drain and culvert to prevent vehicles using the pathway to turn around.

4. Stormwater

- a. The proposed development must not create ponding nuisances and/or a concentration of stormwater flows to adjoining properties.
- b. All stormwater from the property must be directed to a lawful point of discharge such that it does not adversely affect surrounding properties or properties downstream, in accordance with the Queensland Urban Drainage Manual, Fourth Edition (2016).

c. Unless an alternative surface treatment is approved, otherwise approved, the full extent of the batters on the open drain on Langley Road and Solander Boulevard are to be turfed.

5. Sewer

a. Unless otherwise agreed with Council, the property connection branches for Lot 7 and 9 are to be completed with Stage 1 and finished 1m below the surface with appropriate marker, (minimum requirement is locator tape and surface picket to denote location).

6. Water

- a. The water reticulation layout is to be amended as follows:
 - i. All road crossings are to be minimum 100mm DICL, road crossing between lot 1 and Lot 8 to be amended:
 - ii. The section of water main nominated as DN125 main is to be replaced with DN150mm,
 - iii. All hose connection tappings are to be completed by the developer and the individual water service connections extended into the property by 0.5m. The property connections are to be located in the mid-point of the lot frontages unless otherwise approved by Council.
- b. Include on the water reticulation plan the location of light pole footings and confirm the clearance between the footing and the water main. The revised drawing is to be endorsed by Council prior to commencement of water reticulation works.
- c. The minimum clearance between light pole footings and water mains are to be in accordance with WSA and verified and recorded by the consulting engineer during construction.

7. Erosion and Sediment Control

a. A copy of the Contractor's Erosion and Sediment Control (ESC) Plan is to be submitted to Council and endorsed by the Consulting Engineer, prior to commencement of any works. In particular, the ESC Plan must address the Institution of Engineers Australia Guidelines for Soil Erosion and Sediment Control and the Environment Protection (Water) Policy and Clauses CP1.05, CP1.13 and D5.10 of Council's FNQROC Development Manual.

8. Landscape Plan

- a. Street trees are to be planted a minimum of 2000mm from back of kerb. Amended drawings are to nominate the location of trees and include this minimum offset.
- b. Replace Terminalia Muelleri with a non deciduous tree species such as Malaleuca Viridiflora or other suitable tree species in order to avoid blockages in drains and grates due to leaf drop and improve overall aesthetics.

c. All entry works and wall features are to be contained within the allotments and not located on road reserve. All landscape plantings other than street trees will be the Applicant or future owner's responsibility to maintain. Future owners are to be advised in writing of this requirement at the time of purchasing the land.

9. Miscellaneous

- a. The applicant is to provide a street lighting plan and show the locations of the street lights on the relevant civil plans prior to the pre-start meeting to confirm any conflicts between light pole locations and other services.
- b. Prior to the pre-start meeting, the applicant must provide written evidence from Ergon and Telstra confirming arrangements have been made for the provision of services to the stage.
- c. The applicant is to provide an acid sulphate report prior to the Prestart meeting and ensure that the Contractor is aware of the management measures and testing requirements where applicable.
- d. CCTV inspections are to be reviewed by the supervising engineer and the Engineering Report and Certification by an RPEQ provided to Council prior to Works Acceptance as required under FNQROC Development Manual CP1.25 Project Documentation.
- e. The applicant is to confirm that the fence is design has considered wind loading noting its total height and more exposed location on the top of the retaining walls.

Further Development Permits

Not applicable

Concurrence Agency Response

None Applicable

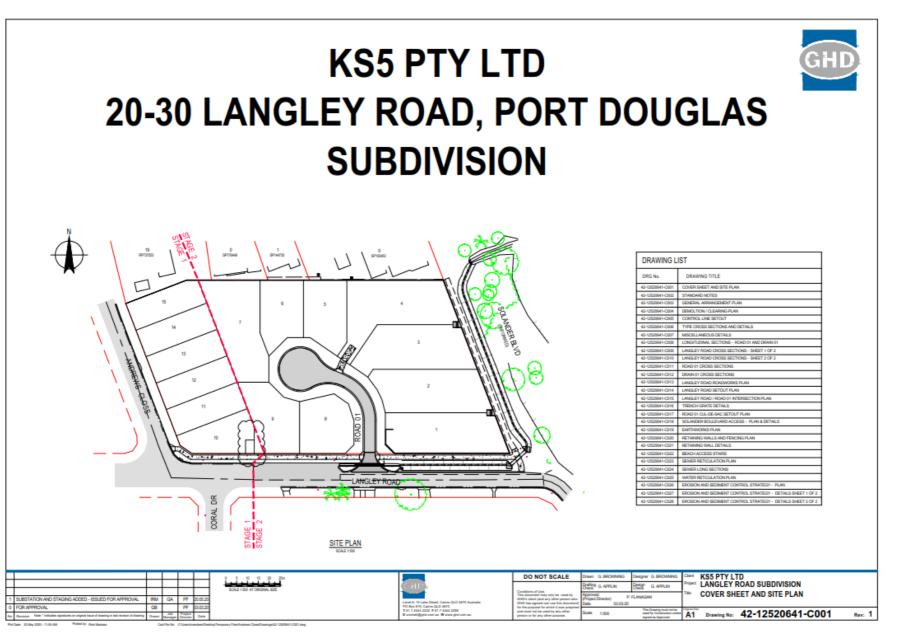
Currency Period for the Approval

This approval, granted under the provisions of the *Planning Act 2016*, shall lapse two (2) years from the day the approval takes effect in accordance with the provisions of Section 85 of the *Planning Act 2016*.

Rights to make Representations & Rights of Appeal

The rights of applicants to make representations and rights to appeal to a Tribunal or the Planning and Environment Court against decisions about a development application are set out in Chapter 6, Part 1 of the *Planning Act 2016*.

A copy of the relevant appeal provisions are attached.



SURVEY CONTROL NOTES

1. SURVEY CONDUCTED BY GARY POZZI - CADASTRAL SURVEYOR, PA 67 4657 7177

MGAZONE SS

GENERAL NOTES

- ALL WORKS MUST BE CARRED OUT IN ACCORDANCE WITH THE RELEMANT PROPOSICIONISCOPIENT MANUAL SPECIFICATIONS, WHERE DIFFERENCES EXIST BETWEEN THE PLANS AND THE DEVISION MANUAL, THESE PLANS SHALL THIS PRECEDENCE.
- THE CONTRACTOR IS TO ENGLISE A COPY OF THE OPERATIONAL WORKS APPROVAL IS AVAILABLE ON SITE. THE SITE POREMANDS TO ENGLISE ALL WORKS ARE UNDESTABLEN IN COORDINACE WITH THE APPROVAL.
- MIST CONTACT RELEVANT AUTHORITIES FOR POSSIBLE LOCATION OF FURTHER SERVICES AND DETAILED LOCATIONS OF ALL SERVICES.
- 4. EXISTING SERVICES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, WHERE NECESSARY THE CONTRACTOR SHALL COMPART THE EXPTH TO DISTING SERVICES BY POTHCHING SEPORE COMMERCING WORKS. THE SUPERVITABILITY SHALL BE CONSULTED WARRE THE CONTRACTOR COMSIGERS SPECIFIC PROTECTION WORKS RECESSION TO PROTECT THE SERVICE.
- 5. ALL DIMENSIONS AND RADII ARE EXPRESSED IN METRES UNLESS NOTED OTHERWISE.
- 6. WHERE REFERENCE IS MADE TO THE STANDARD DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT THE LATEST VERSION SQUED BY THE RELEVANT AUTHORITY AT THE TIME OF CONSTRUCTION IS USED.

EROSION AND SEDIMENT CONTROL NOTES

- PRIOR TO CONSTRUCTION COMMERCING. THE CONTRACTOR MUST PREPARE AN EROSION & SEDMENT CONTROL. PLAN (ESCR) TO MANAGE THE SITE DURING CONSTRUCTION AND THE DEFECT UNBILITY PERIOD.
- AN ESCY THAT DEFENS TO THE APPROVED ESCS MUST BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVIAL PRICE TO SUBMITTING TO COUNCIL.
- NO GARTHWORKS SHALL COMMENCE ON ANY PART OF THE SITE PROR TO APPROPRIATE GROSION AND SEDMEN CONTROL MEASURES SEING INSTALLED DOWNSTREAM OF THE SITE AND IN ACCORDANCE WITH THE APPROVED.
- AT ALL TIMES THE CONTRACTOR SHALL MONTOR THE PREVAILING WEATHER CONDITIONS AND TIME ALL NECESSIARY PREVAINIONS TO CONTROL ERCOSON AND DOWNSTREAM SEDMENTATION DURING ALL STAGES OF CONSTRUCTION.
- 4. THE IMPACT ON THE DAVIRONMENT SHALL BE MINIMISED BY DESERVING THE FOLLOWING CONSTRUCTION.
 - PRACTICES:

 AREAS DISTURBED BY CONSTRUCTION TRAFFIC AND PROCEDURES SHALL BE MINIMSED.
 - MINIMISE TRAFFIC MOVEMENTS AND SPEEDS ON EXPOSED SURFACES. REVEGETATION OF DISTURBED AREAS SHALL BE CHRISED OUT SOON AFTER THE COMPLETION OF TOPSOL.
 - RLOW DIVERSION SHALL BE CHRISED OUT BY EARLY INSTALLATION OF DRAINS ALONG TOPS OF BATTERS
 - WITH APPROPRIATE SILTATION CONTROL DEVICES.
 - SEDMENT INTERCEPTION BY THE PLACEMENT OF SUTHBLE RETENTION SYSTEMS ACROSS GRAINAGE.
 LINES AND AT INTERCEPTION POINTS FOR BOTH THE CONSTRUCTION AND STOOPILE AREAS.
- ALL ACCESS TO AND FROM THE SITE SHALL BE WAINTED FROM Y CONSTRUCTION ENTRYIENT. THE CONTRACTOR SHALL MOMENTE A PROPOSED ACCESS LOCATION ON THE ESC PLAN FOR APPROVAL BY THE SUPERINTENDENT.
- STOOPPLES SHALL ONLY BE LOCKTED IN AREAS NOMINATED ON THE PROJECT DRAWINGS OR APPROVED BY THE SUPERINTENDENT ALL STOOPPLES MUST HAVE APPROPRIATE ESC MEASURES INSTALLED TO PROJECT SEDMENT
- TRANSPORT. THE MAXIMUM HEIGHT OF ALL STOCKPILES MUST BE LIMITED TO 2 for
- ALL PERSONENT AND TEMPORRRY UNLINED SWALES AND DRANG MLST HAVE APPROPRIATE TEMPORARY EROSION PROTECTION.
- 7. ALL PARTIALLY CONSTRUCTED DRAMAGE STRUCTURES MUST BE PROTECTED AGAINST SEDMENT INFLITRATION
- 8. ALL COMPLETED DRAMAGE STRUCTURES MUST BE PROTECTED AGAINST SEDMENT INFLITRATION UNTIL GRASSING
- THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF DUST EMANATING FROM THE SITE AT ALL TIMES FOR THE

 FOR MAIN CONNECTION DETAILS, REFER PROPOSITIO DRAWING SIZES.
- ALL EROSION AND SEDMENT CONTROL MEASURES MUST DE CHECKED FOR DAMAGE, CLEMED OUT AND FULLY RENGTATED AFTER ENCHRANFALL EVENT RESULTING IN RUNOFF.
- IMPORESED CROAMFANCES, CORRECTING ACTION IS TO BE LINESKYARDN IMMEDIATELY MINOH MAY INCLUDE ANEMENENTS VEDICING TO THE CRIGINAL APPROVED EROSION CONTROL PLANS.
- 12. THE INSTALLATION, REMOVAL, RELOCATION OF INCORPORATION TO SPECIAL HIS SEDIMENT CONTROL DEVICES MAY BE INDERLY DOUGLAS SHIPE COUNCIL IF DETAILED NECESSARY AND RELEMANT.
- EROSION AND SEDMENT CONTROL DEVICES SHALL REMAIN INFLACE LATE. THE TREATMENT AREA IS SUITABLY STABLISED/ADSENTED.
- 14. THE CONTRICTOR SWALL INSERTINE A FORMAL COMPLIANCE ALDIT OF THE ISSC AT SIX MEETS INTERVALS USING THE CORRECTION FERROD OF THE PROJECT. RECORDED THE ALDIT SWALL BE RETINATED ON SITE. MARKE DEMTHED AS PRICE OF THE ALDIT THE ISSOP SWALL BE UPDATED AND PROVIDED TO THE SUPERINTENDENT.

- ALL EARTHHORNS MUST BE CARRIED OUT IN ACCORDANCE WITH ASSTRA 'QUIDELINES ON EARTHMORNS FOR COMMERCIA, AND RESIDENTIAL DEVELOPMENTS: GEOTECHNICAL TESTING SERVICES SHALL BE AS CETTERINES BY LEVEL 1 IN ACCORDANCE WITH HIS STREAL CENTRICATION AND TEST RESILLTS ARE TO BE COMPLIED AND PROVIDED TO THE SUPERINEEDING PRIOR TO WORKS ACCEPTANCE.
- NO VEGETATION SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE SUPERINTENDENT UNLESS NOTED ON THE PRICECT DRAWNING.
- DRY ODMITTY RATIO AS REFERRED TO IN THESE NOTES IS THE RATIO DETERMINED IN ACCORDANCE WITH ANDREAS 4 1 OF COMPACTED DRY DINGSTY IN ACCORDANCE WITH ASSISTS 11 OF REFINE 8.4 1 TO THE STANDARD INVAINABLY COMMITTY DETERMINED IN ACCORDANCE WITH ASSISTS 11 (STANDARD DETERMINED COMPACTION).
- 5. ALL VEGETAL MATTER TOPSOL AND OTHER LANS ITABLE MATERIAL SHALL BE STREETENED FROM AREAS TO SE EXCAMATED OR FILLED ALL VEGETAL MATTER AND UNGLITABLE MATERIAL SHALL SE DISPOSE OF OFF-SITE UNLESS ADMISED OTHERWISE BY THE SUPERINTENDENT TOPSOIL SHALL SE STOOMPLED ON SITE FOR RELISE. SURPLUS TOPSOL SHALL BE DISPOSED OF OFF-SITE.
- SHOULD MAY SOFT OR LABOUTABLE MATERIAL BE CONTRED THE CONTRACTOR SHALL INFORM THE SUPERINTENDERS' MINEDATELY AND SEEK THE ADVICE OF THE SUPERINTENDERS' OR GITA.
- COMPACT FILL TO 98% DRY DENSITY RATIO IN LAYERS OF THIOMESS APPROPRIATE TO THE COMPACTION PLANT EMPLOYED BUT NOT EXCEEDING 300mm.

ROADS & PATHWAYS NOTES

- NEW ROADS PATHS AND KERBING SHALL JOIN SMOOTHLY TO EXISTING WORKS, WHERE NECESSARY, EXISTING WORKS SHALL BE OUT BACK TO FORBIA NEXT JOIN.
- ALL PATHWAYS SHALL BE 2 IN WIDE (LINLESS NOTED OTHERWISE) IN ACCORDANCE WITH PROPRIOR STD GRAWNIES SHIES PATHWAY CROSSFALL MUST NOT EXCEED 2 9%.
- 1 ALL KERB PROFILES TO BE AS PER PROPICE STD DRAWING SYDE UNLESS NOTED OTHERWISE.
- ALL KERB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PROPOCISTO DRG SHOP, WIDTH OF RIMP SHALL
 MICRO DATAMAY WIDTH.
- 5. ALL STREET SIGNS AND TRAFFIC SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH PROPRIOR STD GRAHINGS SHOU
- PAVEMENT DESIGN STATED HEREIN IS FOR A RANGE OF SUBGRAGE CBR VALUES. THE CONTRACTOR IS TO CONFIRM THE SUBGRADE CBR SY TESTING IN ACCORDANCE WITH THE SPECIFICATION RESULTS ARE TO BE PROVIDE TO THE.

DRAINAGE NOTES

- EXCAVATION, SECONG AND BACKFILL FOR PRECAST BOX CILLVERTS SHALL BE CARRIED OUT IN ACCORDANCE WITH PAGROC STD ORWING SHAS.
- REINFORCED CONCRETE BASES FOR CILLIERTS SHALL SE CONSTRUCTED IN ACCORDANCE WITH DEPARTMENT OF MAN ROADS STD DRAWING 1316.
- SUBSOL DRAINGE SHALL BE PROVIDED WHERE SHOWN ON THE PROJECT DRAWINGS, DRAINS SHALL ACHEVE A MINIMAN OS, GROCE FLUSHING POINTS AND OUTLETS TO BE PROVIDED IN ACCORDINGE WITH PIXEROC STD DRAWING \$1985.

WATER RETICULATION NOTES

- ALL PVC AND PE PPES SHALL SE CLASS PAYS, PVC PPES SHALL SE RUSSER RING JONTED AND DUCTUE IRON COMPATIS A.
- 2. DICL PIPES SHALL BE CLASS PIUS "TYTOW TYPE RUBBER RING JONTED.
- ALL WATER MANS SHALL BE INSTALLED ON A STANDARD 2 IIII OFFSET FROM THE PROPERTY BOUNDARY UNLESS NOTED OTHERWISE ON PLAYS.
- DOUGLAS SHIPE COUNCIL MUST BE CONTACTED TO PERFORM ANY DIRECT CONNECTION OR ALTERATION TO LIVE WATER MAINS. THE CONTACTOR SHALL LODGE WITH COUNCIL THE APPROPRIATE APPLICATION FORMS AND RESS FOR THESE WORKS TO BE COMPLETED. IT MAY BE POSSIBLE FOR SOME WORKS TO BE PERFORMED BY THE COMPRACTOR LIMBER SPECIAL ORCUMENTANCES MAD SUBJECT TO APPROPRIATE CONDITIONS AGREED TO WITH
- ALL HYDRAYTS AND VILVES TO BE LOCATED OPPOSITE PROPERTY SOUNDARY TRUNCATIONS AND CORNERS UNLESS NOTED OTHERWISE ON PLANS. FOR VILVES & HYDRAYT BOXES INSTALLATION DETAILS REFER PROPRIOR OTHER PROPRIESTO DEVANGES \$2000 & \$2000.
- 8. HYDRANTS OR VALVES CONSTRUCTED IN CONCRETE ARE TO HAVE A COMPRESSIBLE LAYER (ABLERLEN) INSTALLED
- 9 IEFRIMARIER R.ATES SHALL BE PROVIDED TO DEMITY THE POSITION OF ALL VALVES AND HYDRANTS IN ACCORDANCE WITH PACIFIC STD DRIVING SIZEN VERSION 4-2008 IN ADDITION TO HERB IMPAIRIR PLATE HYDRAYTS SHALL ALSO HAVE TEARCROP MARKERS AND BLUE RETRO-REPLIETIVE MARKERS PROVIDED ON THE ROAD PAYABLENT IN ACCORDANCE WITH PACROC STD DRAWING 25th VERSION 4-2008.

SEWER RETICULATION NOTES

- ALL NEW SENER MANS SHALL BE LINPLASTICISED PVC (PVC-U) CLASS SHE SUTTRILE FOR RUBBER RING JOINTS, UNLESS NOTED OTHERWISE.
- ALL NEW SENSE MANS AND MANAGLES TO BE CONSTRUCTED IN ACCORDANCE WITH PROPOCISTO DRAWNSOME AND SORY.
- ALL SENSER MANAGLE COVERS SHALL BE CIRCULAR UNLESS NOTED OTHERWISE ON SENSER LONG SECTIONS. COVERS SHALL BE TYPE BINISES PROPERTIES AND TYPE CELSENHERE.
- 4. ALL SENER MANAGLE COVER LENELS TO BE SITTED ABOVE PANSHED SURFACE LENEL LINLESS NOTED OTHERWISE
- 5. THE CONTRACTOR SHALL ENGLISE THAT A FLAT AREA OF 15th RADILS FROM THE CONTRE OF THE MANHOLE IS
- ALL HOUSE CONNECTION BRANCHES TO NEW SEHIER MANS TO SE CONSTRUCTED IN ACCORDANCE WITH PROPRIOR STD GRAWING STORS BRANCHES SHALL SE CLEARLY HARRIST IN ACCORDANCE WITH THE SPECIFICATION.
- DOUGLAS SHIRE COUNCIL MUST BE CONTACTED TO PERFORM ANY DIRECT CONNECTION TO LIVE SEWER MAINS. THE CONTRACTOR SHALL LODGE WITH COLACIL THE APPROPRIATE APPLICATION FORMS AND FEES FOR THESE MORES TO BE COMPLETED. IT MAY BE POSSIBLE FOR SOME MORES TO BE PERFORMED BY THE CONTRACTOR UNDER SPECIAL CIPCUMSTANCES AND SUBJECT TO APPROPRIATE CONDITIONS AGREED TO MITH COUNCIL.
- DEVELOPMENT AND PROVIDE THE POOTAGE TO THE SUPERINTENDENT FOR ASSESSMENT. ANY SECTIONS OF SENER CONSIDERED SUB-STANDARD SHALL BE RECTIFIED TO THE SATISFACTION OF COUNCIL.

SITE SPECIFIC NOTES

NO CLEARING OR IGGETATION REMOVAL IS TO TAKE PLACE UNTIL CERTIFICATION IS PROVIDED FOR ANT PLANT RELOCATION. (INTELIAT RELOCATION BY OTHERS)

1	SUBSTATION AND STAGING ADDED - ISSUED FOR APPROVAL	IRM	GA	PF	20 05 20
Û	FOR APPROVAL	CB		PF	030320
Min	Revision Note * industris signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Dale

O Box 819, Calms QLD 6870 81 7 4064 2020 F 61 7 4064 2088 snamel@phi.com.au Www.ahii

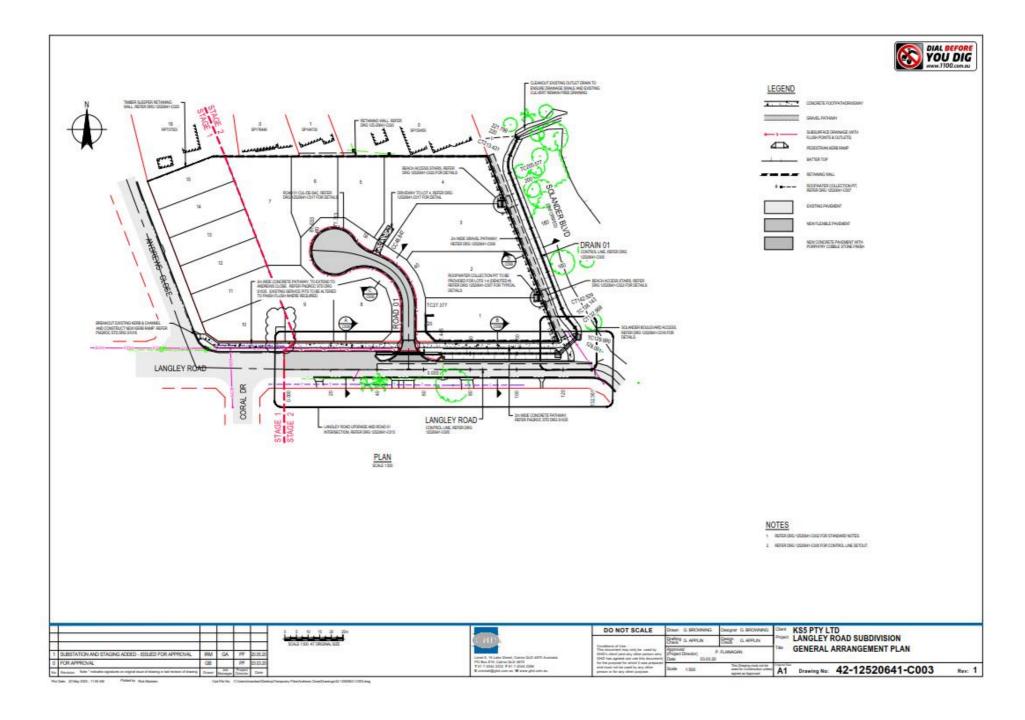
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	CHC has agreed can use this document) for the purpose for which it was prepared	Date 03.03.20		L
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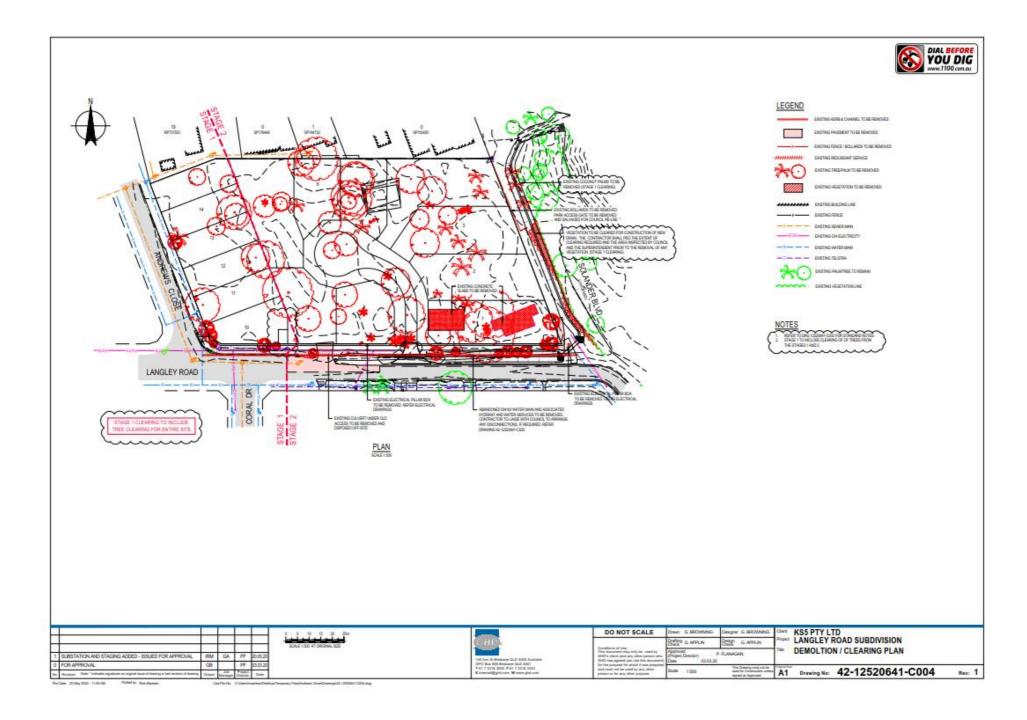
Client KS5 PTY LTD Project LANGLEY ROAD SUBDIVISION ™ STANDARD NOTES

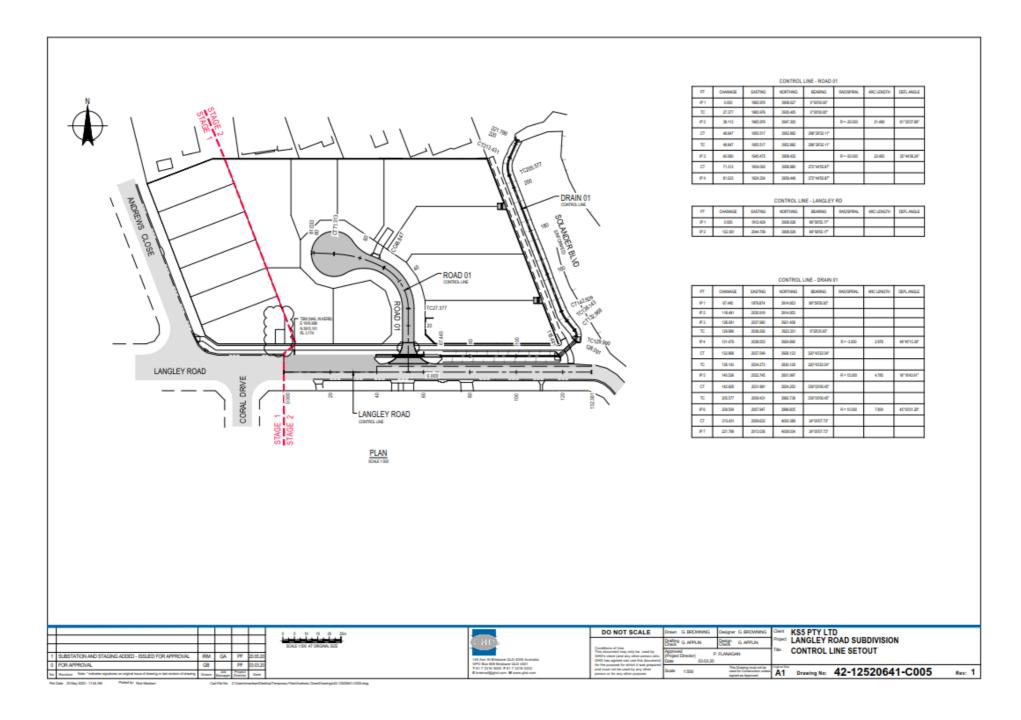
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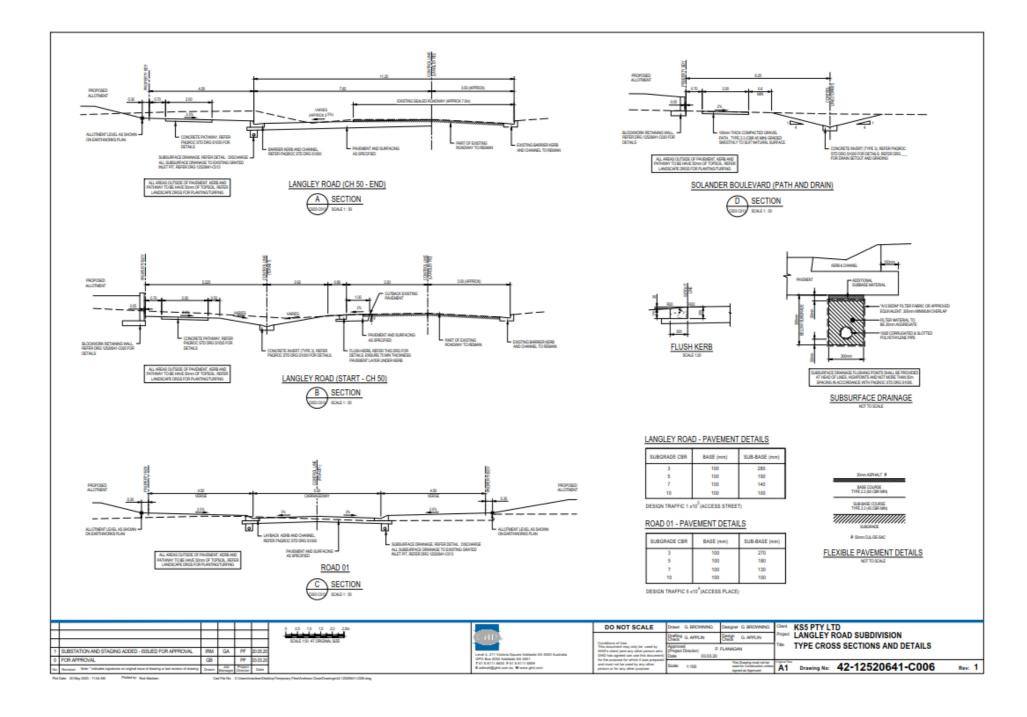
Plot Date: 20 May 2020 - 11 St AM Plotted by Plot Machiner

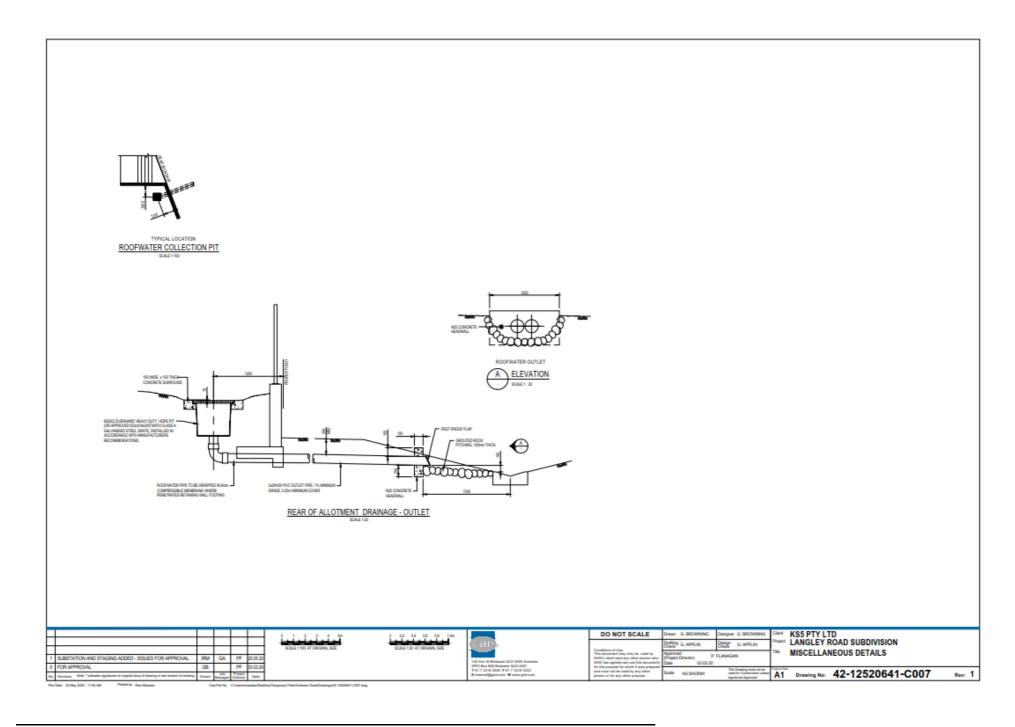
Doc ID: 956644 OP 2020 3493/1 Page 9 of 53

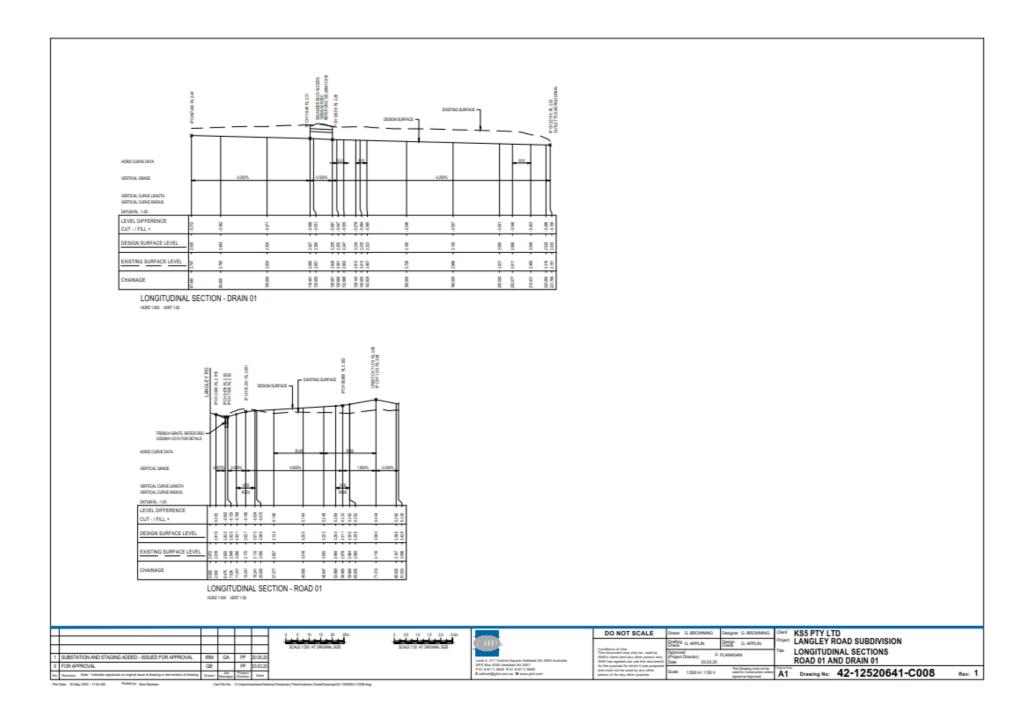


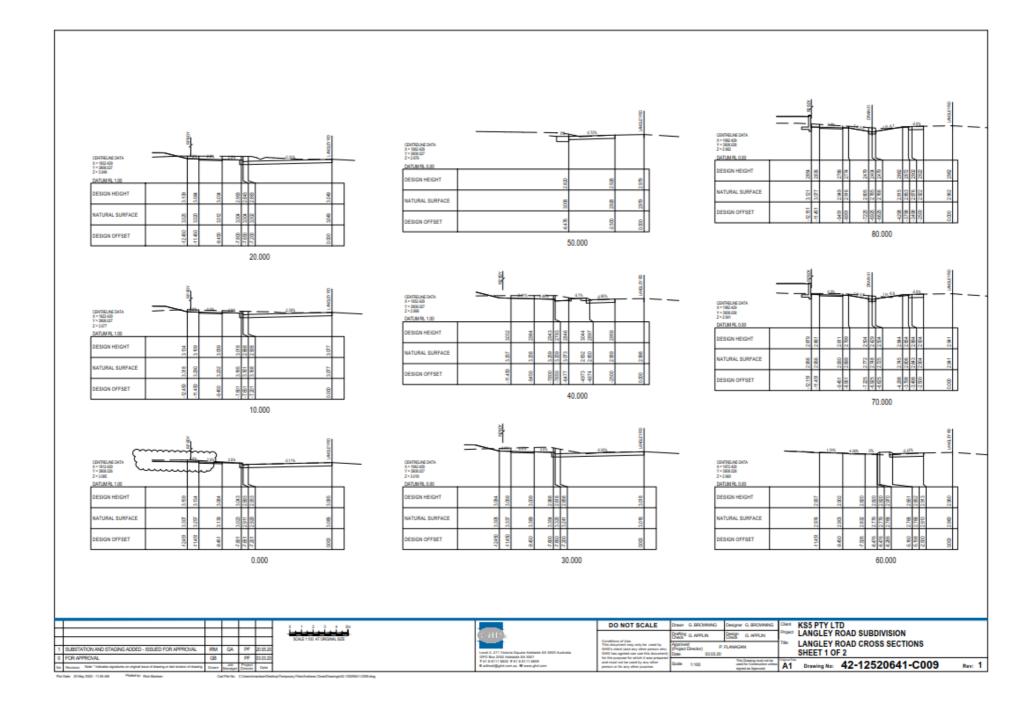


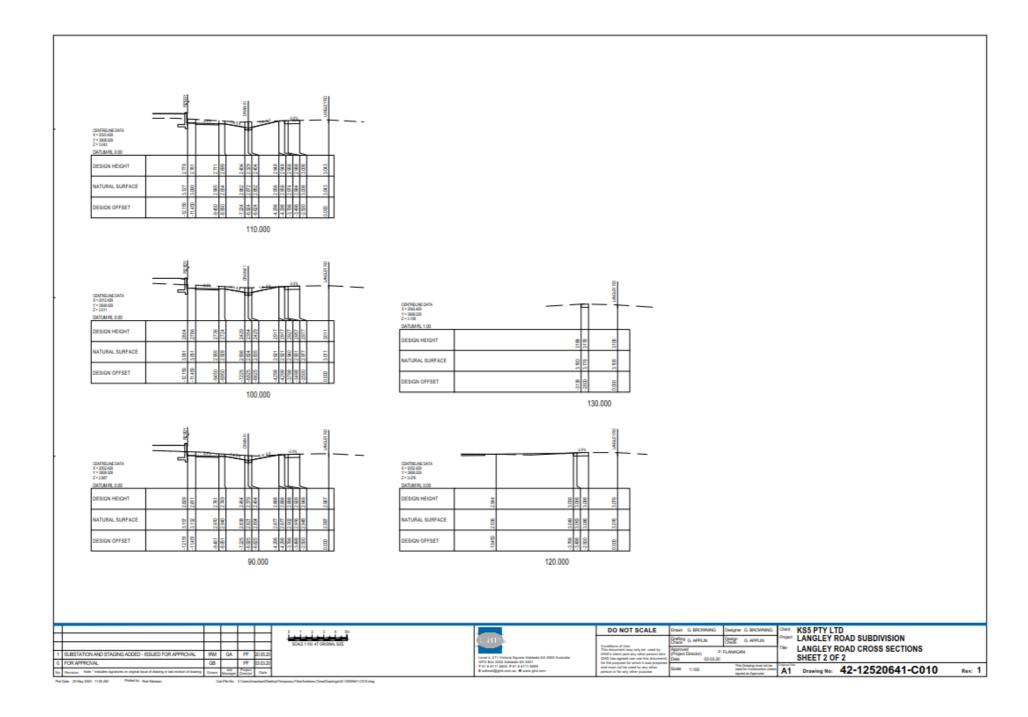


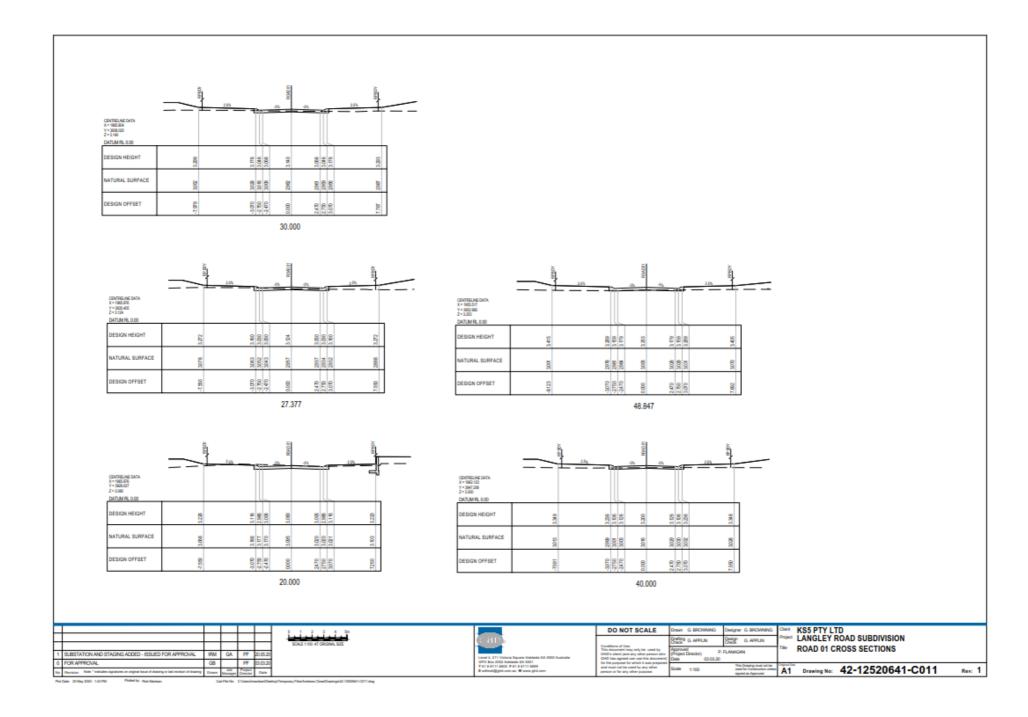


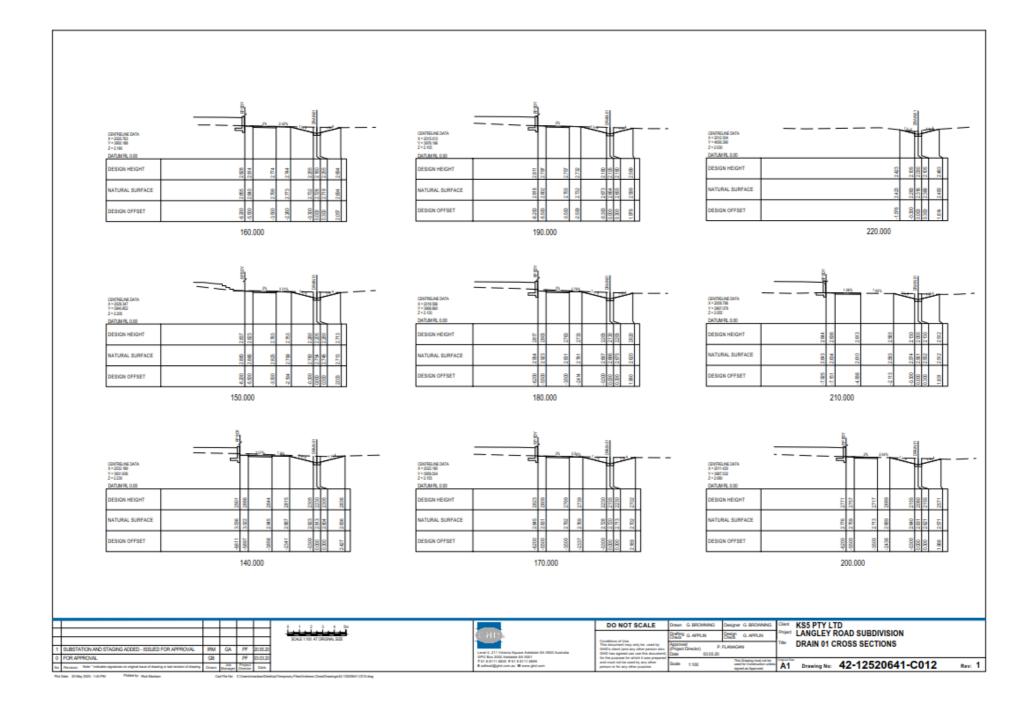


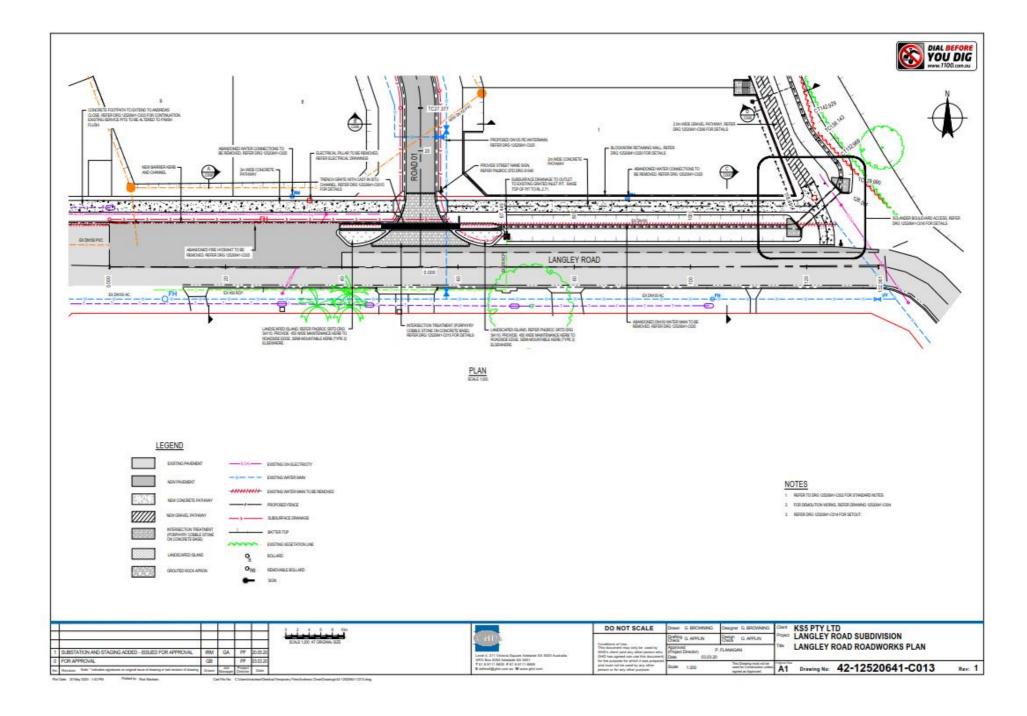


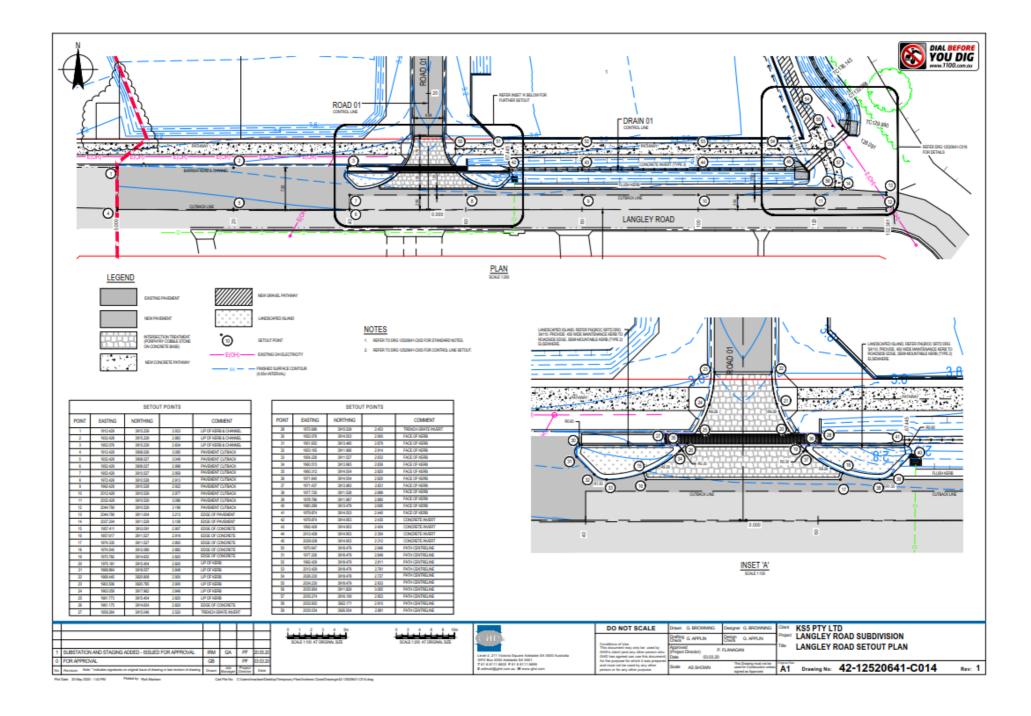


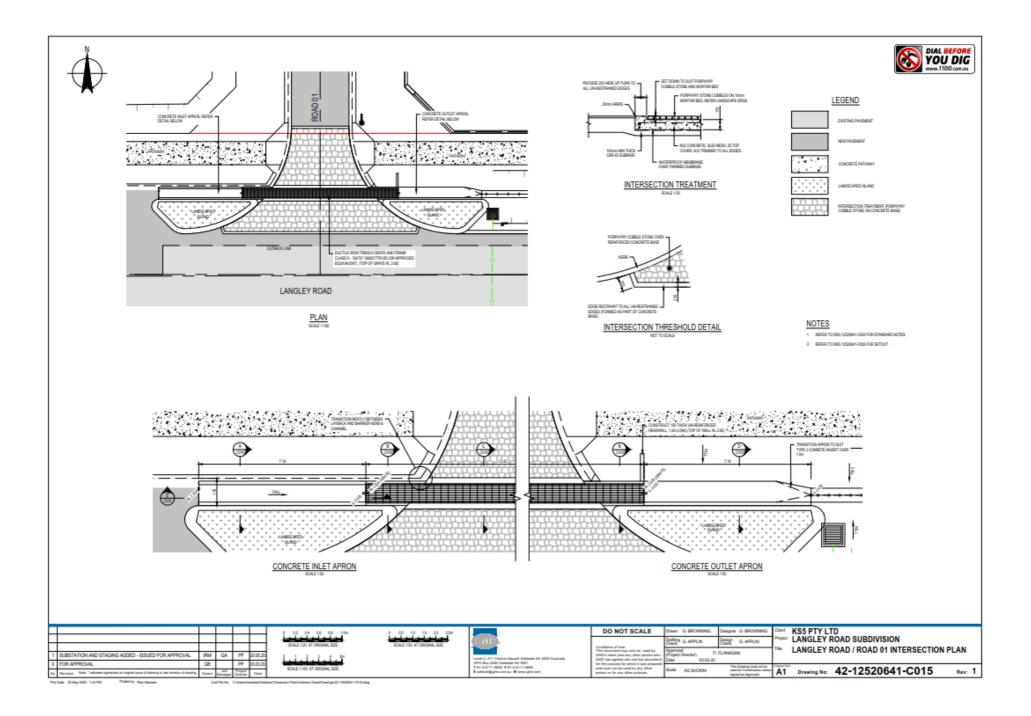


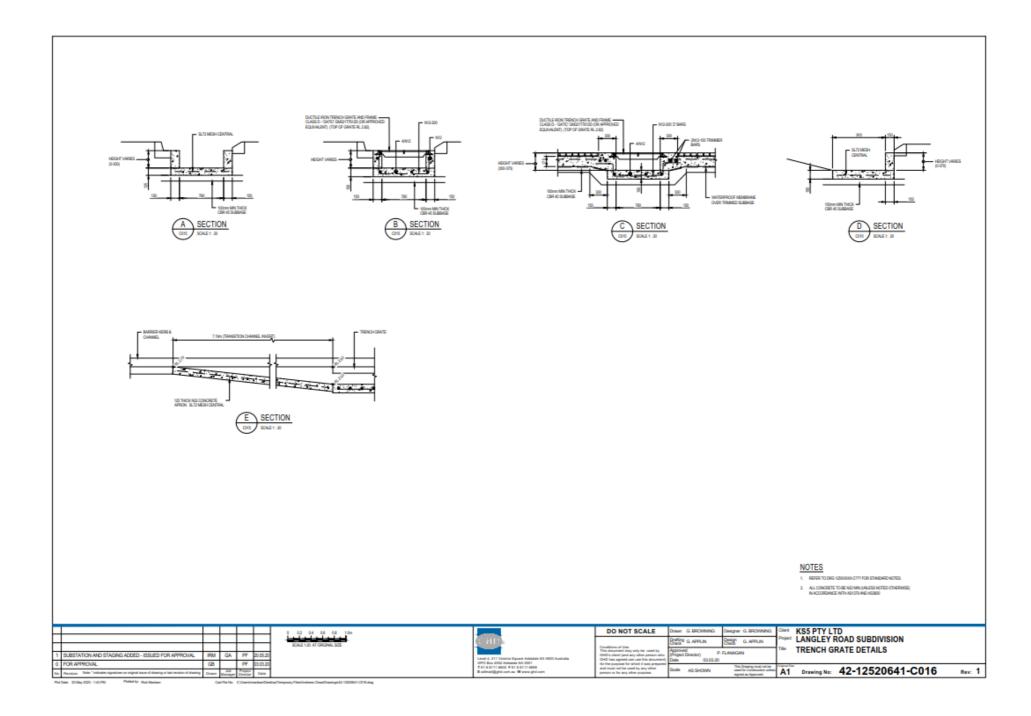




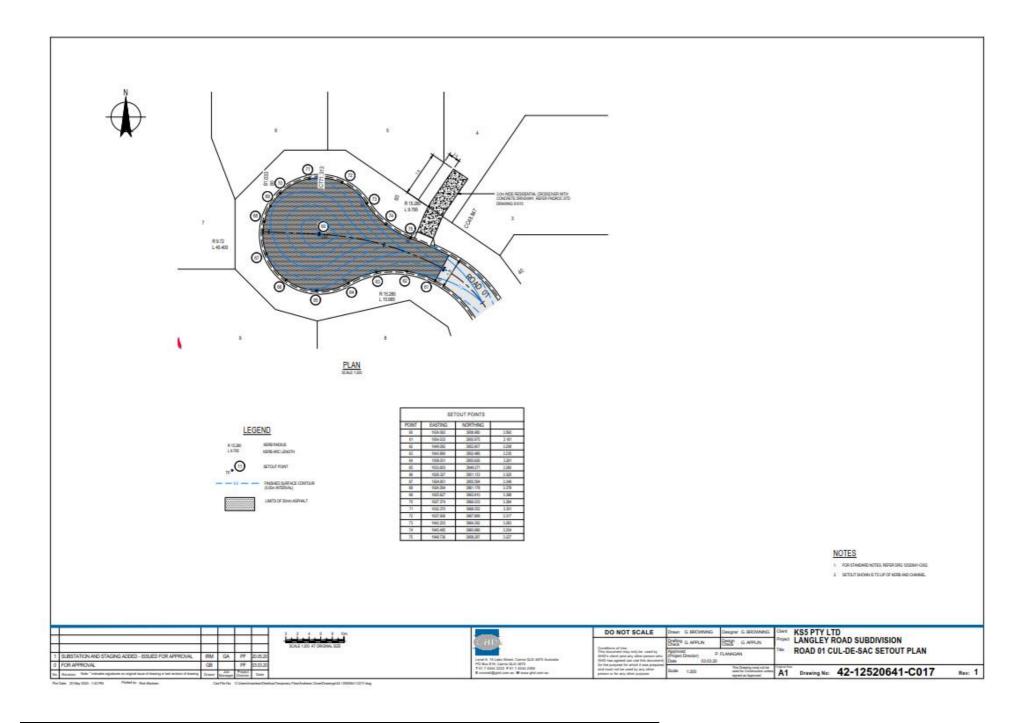


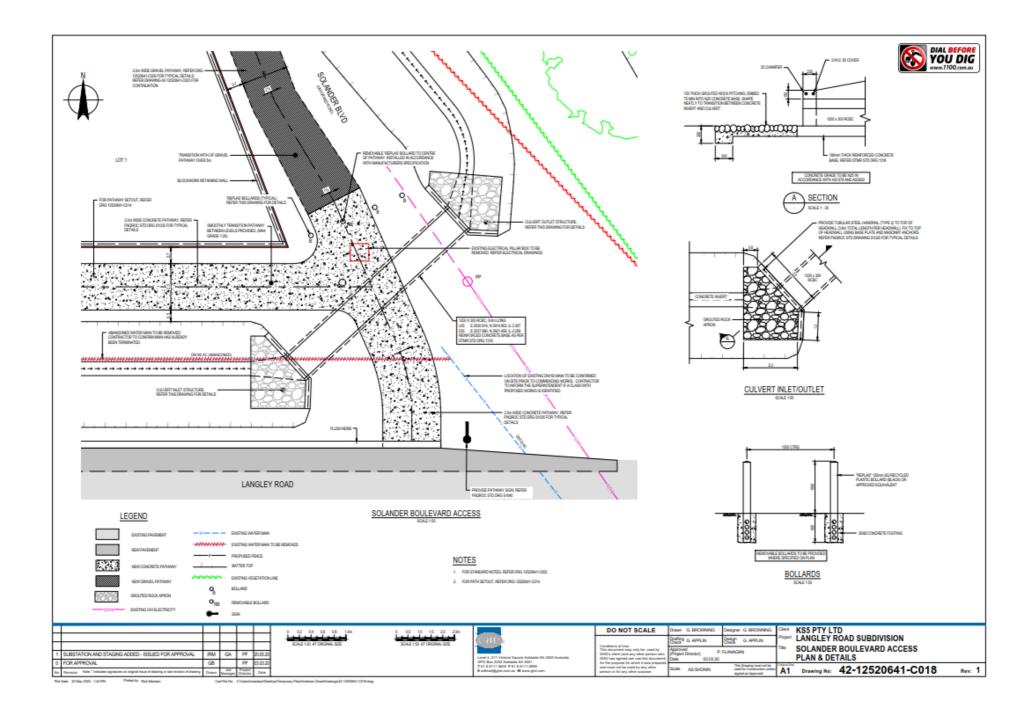


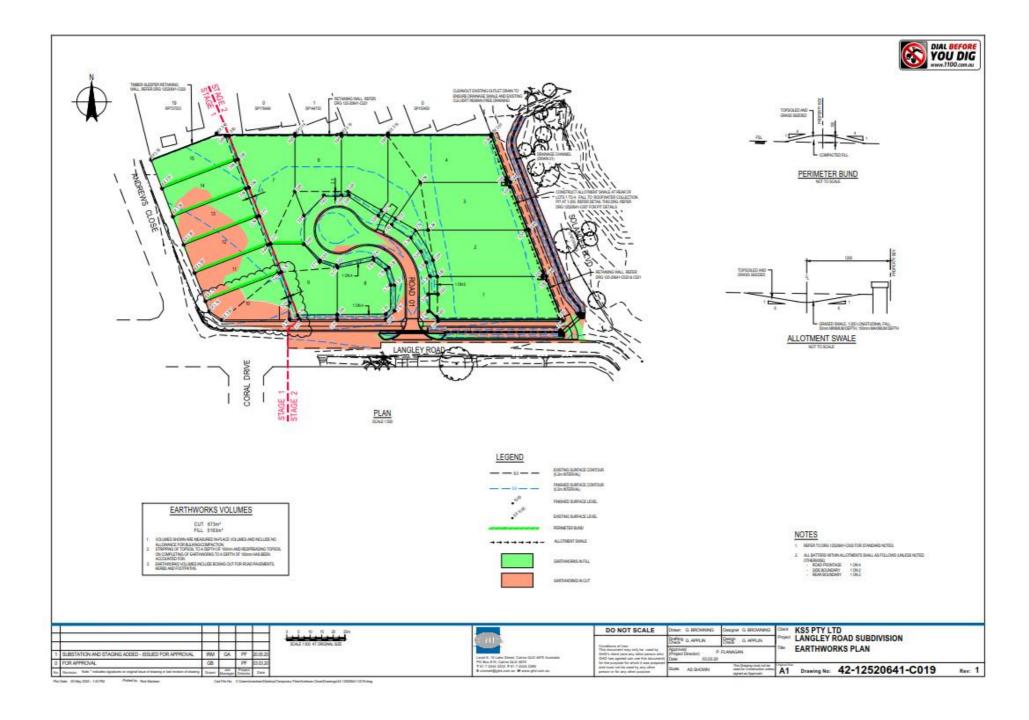


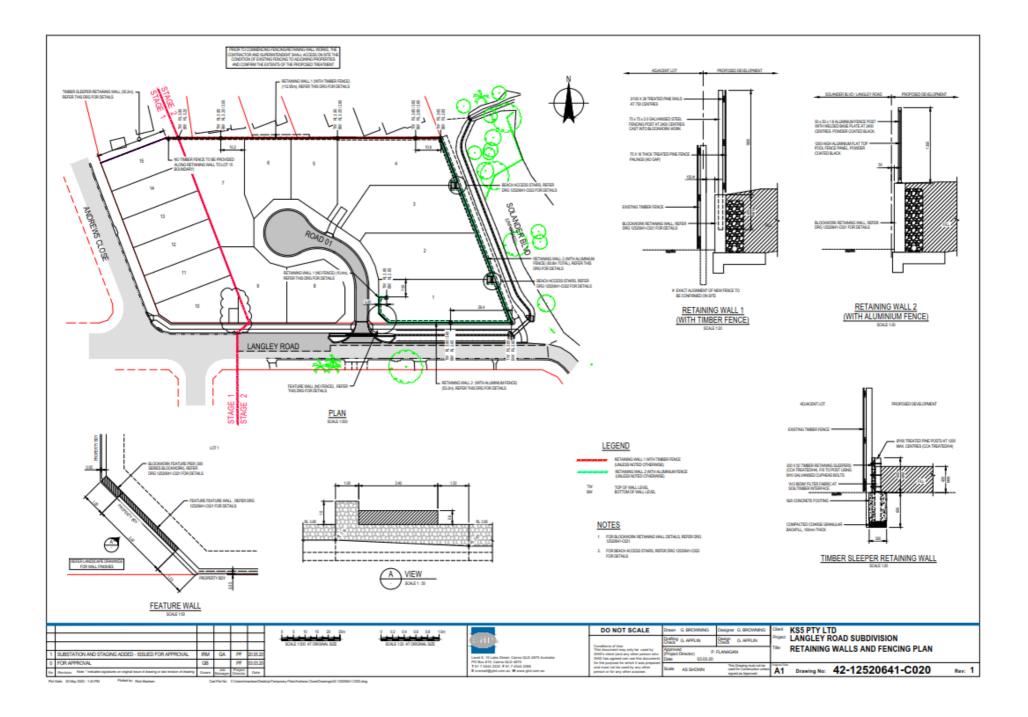


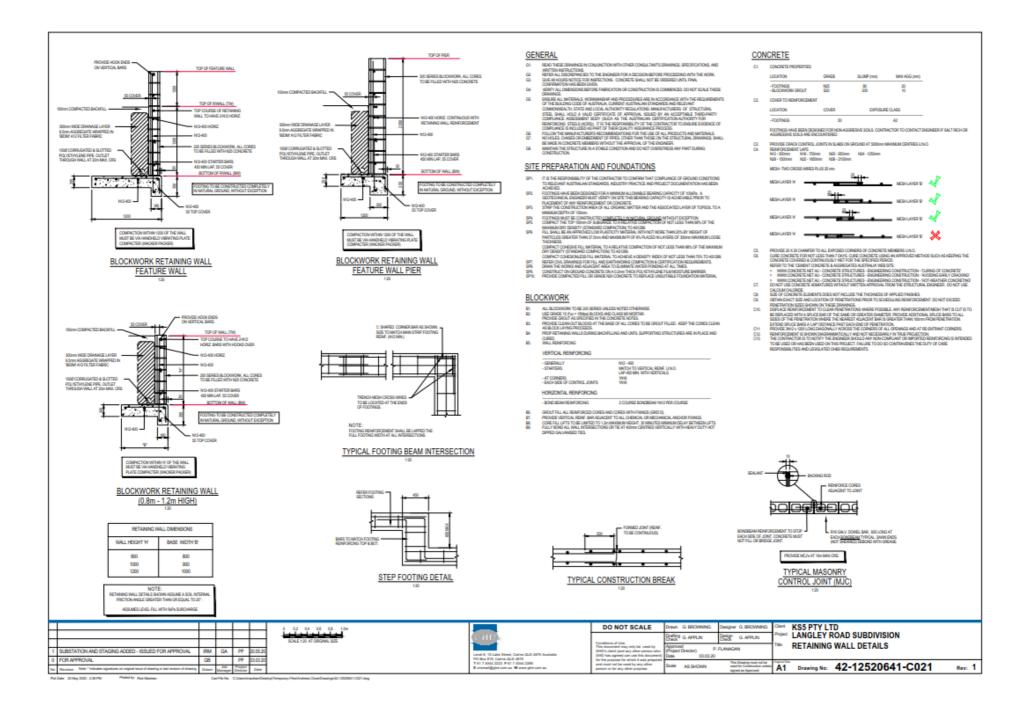
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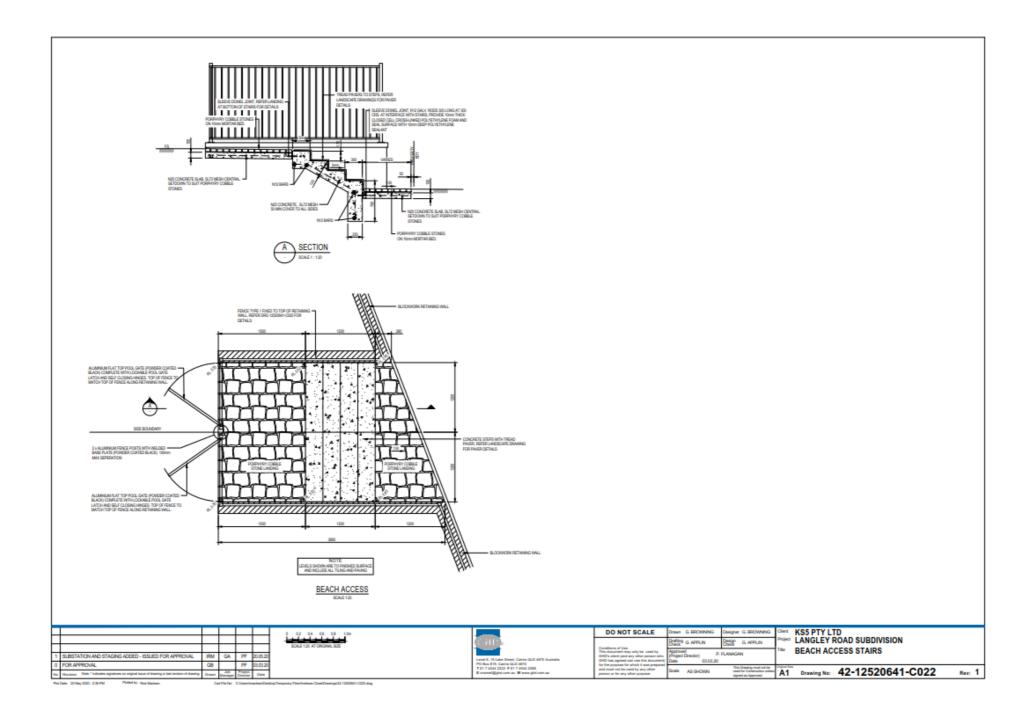


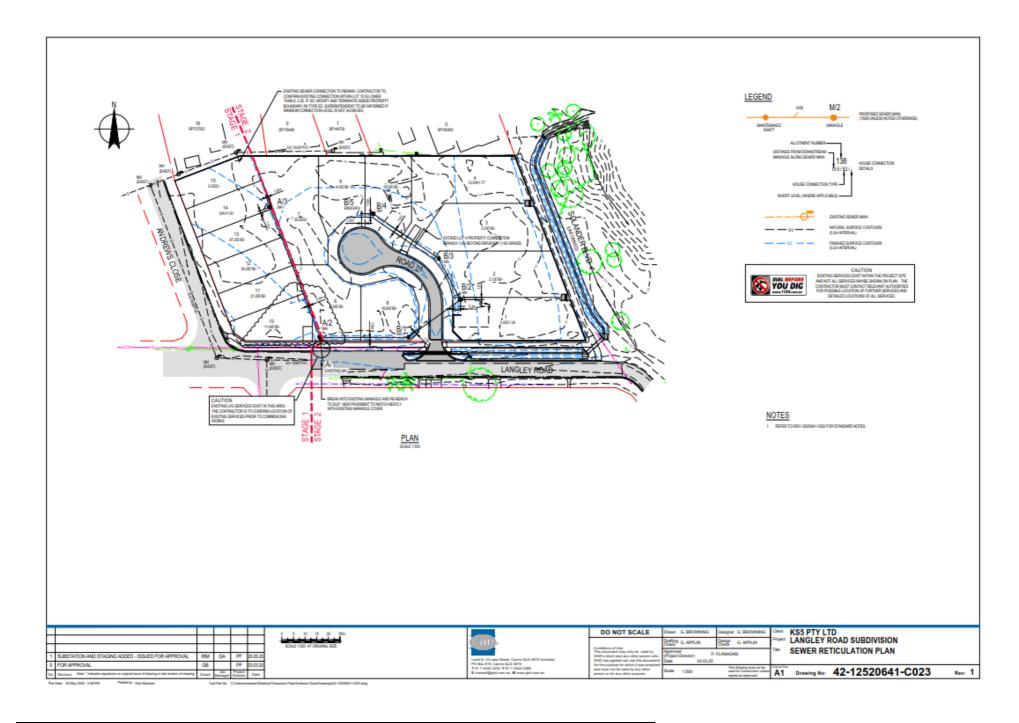


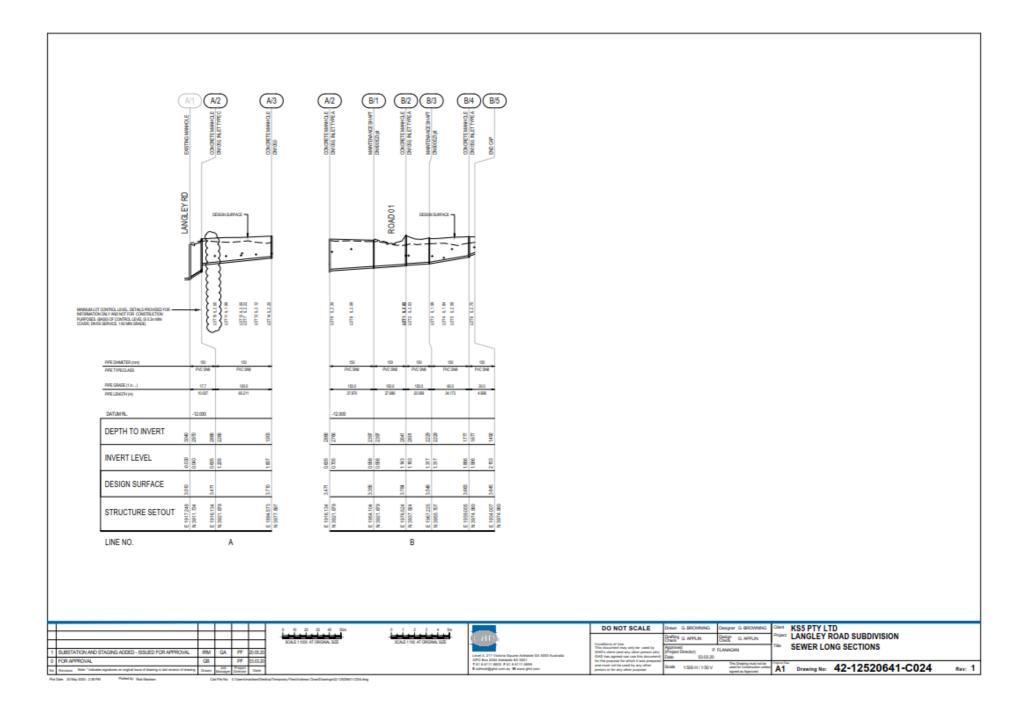


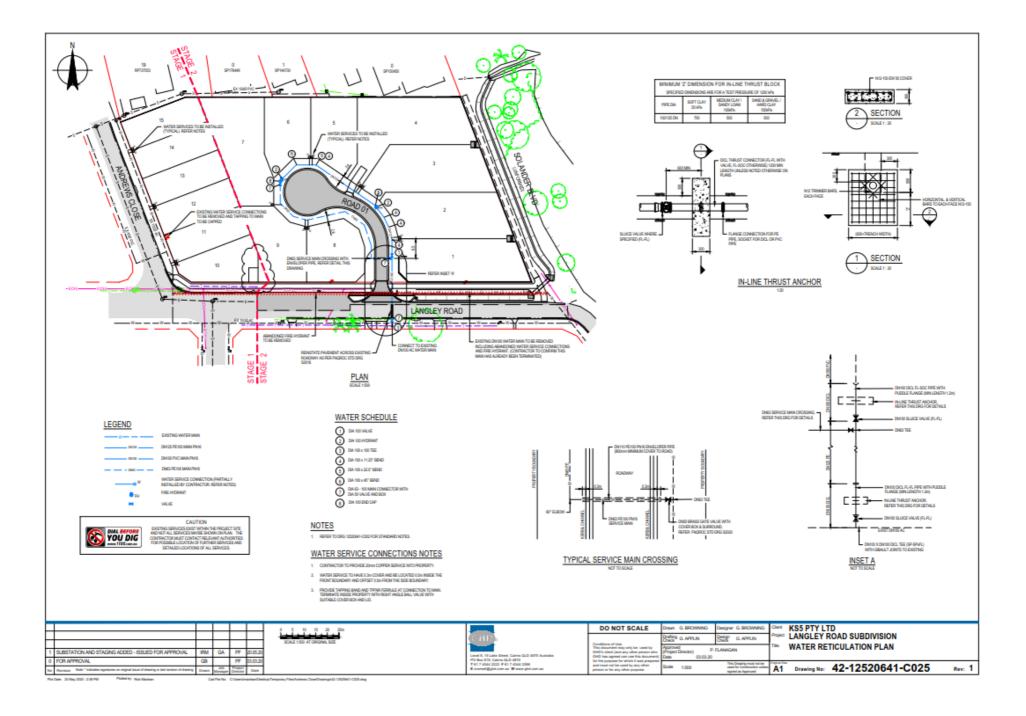


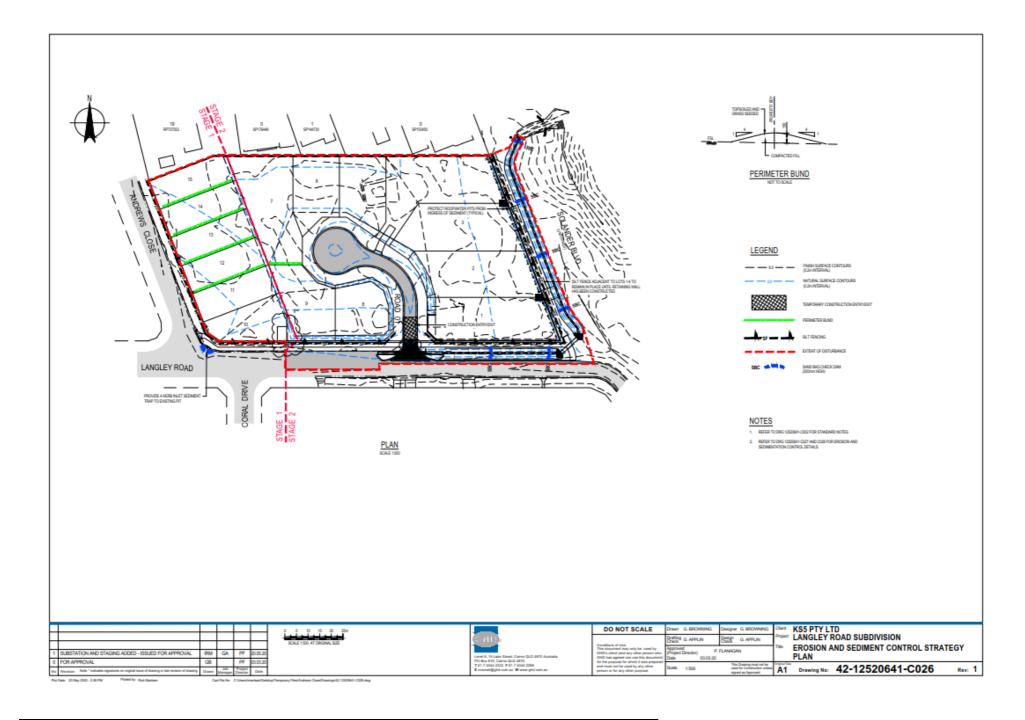












SEDIMENT FENCE

MATERIAL

THE PROPERTY PLEASE, POLYMICE, INLONE POLYESTER, OR POLYETHYLDIE WOMEN OR NON-HIGHER FRANC, AT LEAST TOWN IN WOTH AND A MARKAN UNIT WIGHER OF HIGHER ALL PARKS TO CONTROLL TRANSCET INVESTORS AND STABLISERS TO PROVIDE A MARKAN OF WONTING OF USERBLE CONSTRUCTION LEFS (ALTRANSCET STABLITY

ENGINE PERMETARATION OF 200mm.
WHE OR STEEL MESH MINIMUM 14-GALIGE WITH A MAXIMUM MESH SPACING OF 200mm.

SUPPORT POSTSSTAVES: 1500mm (MN) HARDWOOD, 2500mm (MN) SOFTWOOD, OR 1 Sigm (MN) STEEL STAR PICKETS SUITABLE FOR

INSTALLATION

- REFER TO APPROVED PLANS FOR LOCATION, EXTENT AND REQUIRED TYPE OF FASRIC (IF SPECIFIED), IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, EXTENT, FABRIC TYPE, OR METHIOD OF INSTALLATION
- CONTACT HE ENGINEER OR RESPONSIBLE ON SITE OFFICER FOR RESETANCE.

 TO THE INVOLUNDEDSEE PRICTION, AND WHERE THE RAMS ALLON, DISCRET THE FRACE GLOCATED.

 TOTALLY WITHIN THE PROPERTY ROUNDWISES.

 ALLONG A LINE OF CONSTANT ELEVATION WHISPEVER PRACTICAL;
- AT LEAST 211 FROM THE TOE OF ANY FILLING OPERATIONS THAT MAY RESULT IN SHIFTING SOLIFILE
- EXTENDING AT LEAST 15 YUP THE SLOPE.

- DITIONING AT LIGHT SHIP PIRE LOVE.

 A DRUKE THE DEPTINE DRUGHT OF REPORT ART TURNOU IP THE SLOPE AT LIGHT 1 SHIP, OR AS SECOSIANY, TO INMIRED WORTH SHIP CARRIES AND THE FEBRUAR AND ADDRESS THE SHIP AND ADDRESS THE CONCENTRATION OF FLOW ADDRESS AND ADDRESS THE SHIP AND ADDRESS THE CONCENTRATION OF FLOW ADDRESS AND ADD
- PARRO TO THE TREES.

 1. UNLESS DIRECTED BY THE SITE SUPERVISOR OR THE APPROVED PLANS, EXCANATE A 200mm HIDE BY 200mm GET PERSON ALONG THE PROPOSED FRANCE LINE, PLACING THE DISCHARTED INVITERAL ON THE UP-SLOPE SIDE.
- OF THE TREMON.

 A ALONG THE LOVERSIDE OF THE TREMON, APPROPRIATELY SECURE THE STAVES INTO THE GROUND SPACED NO GREATER THAN IT IN SUPPORTED BY A TOP SUPPORT WIRE OR WER MESHISACHING, OTHERWISE NO GREATER THAN IT.

 THAN IT.
- THINDS:

 8 FERCINED SECURELY ATTACH THE EXPRORT WISE ON BUT THE UP-BUT DISC OF THE STREET WITH THE MEDITAL SECURE ATTACH THE EXPRORT WISE ON BUT DISC OF THE OF THE STREET WITH THE MEDITAL SECURITY SECU
- ATTACHEACH END TO TWO OVERLAPPING STAYES WITH THE FABRIC FOLDING AROUND THE ASSOCIATED.
- STAME ONE TURN AND WITH THE TIME STAMES THE TO CONTINUE WITH HISSE; OR

 1. OWER, APT THE FERBER OF THE REAL PROPERTY FORE.

 11. SECURISELY ATTACH THE FERBER, TO THE SUPPORT POSTS USING 25 X 125mm STAPLES, OR TIE WHE AT MANUALIM

 TOWN STAMES.
- Storm SPACHAG.

 SECRETLY ATTACH THE FRIEND TO THE SUPPORT WEERASH (F ANY AT A MANISAM SPACHAGO'S IN.

 DISCUSSIVE YATTACH THE FRIEND TO THE SUPPORT WEERASH (F ANY AT A MANISAM SPACHAGO'S IN.

 DISCUSSIVE THE COMPART THE SUBMENT FORCE OF AT SITE OF THE SITE OF THE WINDOW THE TOWN TOWN AND AS CONTROL OFFI.

 BENEFIT THE SPACHAGO THE SITE OF THE

ADDITIONAL REQUIREMENTS FOR THE INSTALLATION OF SPILL-THROUGH WEIR

- EXPLICITOR OF THE FINCE.

 1. EMBLES THE COSET OF THE SPILL THEOLOGY WERE SLAT LEAST 2001000 THE GROUND LEDWATION.

 11. SECLERLY THE AHORSZONTAL CROSS MEMBER (WERE) TO THE SUPPORT POSTSSTAMES SHOW SIZE OF THE WERE.

 CUT THE FAMILIC DOWN THE SIZE OF SACH POST AND FILED THE FAMILIC CONST THE CROSS MEMBER AND
 APPROPRIATE SIZE SIZE THE FAMILIC.
- APPROPRIATELY SECURE THE FARRIC.

 18. INSTALL A SULTRILE SPLAIR PRO AND/OR CHUTE MINEDIXTELY DOWN-SLOPE OF THE SPELL-THROUGH WER TO CONTROL SOLE DESIGN AND APPROPRIATELY DISCHARGE THE CONCENTRATED RUDN PRESING OVER THE WER.

MAINTENANCE 19. REPICT THE SEGMENT FONCE AT LEAST WEDLEY AND AFTER MY SIGNIFICANT RAIN, MAKE NECESSARY

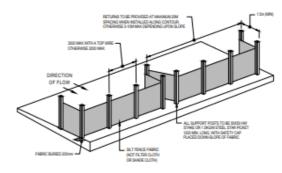
- REPARS INMEDIATELY.
 20. REPAR ANY TORN SECTIONS WITH A CONTINUOUS PIECE OF FASRIC FROM POST TO POST.
- Wern Making Repairs: ALWAYS RESTORE THE SYSTEM TO ITS ORIGINAL CONFIGURATION LINESS AN AMENDED LAYOUT IS REQUIRED OR SPECIFIED.
- F THE FORM IS SECURED UP SHELFFELL INTO A DOTTIONAL SUPPORT POSTS.

 REMOVE ACCUMULATED SECREMENT IS THE SECURENT DEPOSIT DICESOS A DEPTH OF 10 THE HEIGHT OF THE PERMIT HEIGHT OF THE SECURENT IS THE SECURENT DEPOSIT DICESOS A DEPTH OF 10 THE HEIGHT OF THE
- DISPOSE OF SEGMENT IN A SUITABLE IMMARY THAT HILL NOT CAUSE AN EROSION OF POLIUTION HAZARD.
 REPLACE THE PARRIC IS THE SERVICE LIFE OF THE EXISTING PARRIC DICEOSE MONTHS.

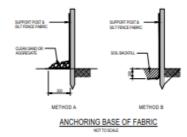
- REMOVAL

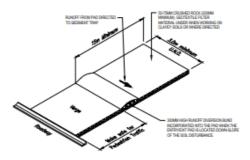
 WHEN DISTURBED AREAS LEFELOPS OF THE SEDMENT FENCE ARE SUFFICIENTLY STABLISED TO RESTRAIN
 ERODION, THE FENCE MIST BE DESIGNED.

 PRINCIP MATERIALS AND COLLECTED SEDMENT AND DISPOSE OF THIS SUTFREE INVANET THAT WILL NOT CAUSE
 AND ERODION OF POLITICIAN WARD.
- 28. REHABILITATE REVEGETATE THE DISTURBED GROUND AS NECESSARY TO MINIMSE THE EROSION HAZARD.



SEDIMENT FENCE





TEMPORARY CONSTRUCTION ENTRY / EXIT

TEMPORARY CONSTRUCTION ENTRY / EXIT

MATERIAL

BOOK THE CAMED HAD ANGLAR PROSON RESISTANT ROOK NOMINAL DIAMETER OF 50 TO TO-10 MISSISTAN TO GET AN OF THE TO STORM ANGLAR DISTURBANCES), ALL RESISTANCES OF 100 TO STORM LARGE DISTURBANCES), ALL RESISTANCE MEASURES MUST BE TAKEN TO CETAN ROOK OF THE PROHOSOM SIZE.

POOTPATH STABLUSING AGGREGATE. 25 TO SOME GRAVEL OF AGGREGATE.

GEOTESTILE FARRIC. HEAVY-DUTY, NEETCE-PLINCHES, NON-HOVEN FLITER CLOTH (BIOM ACH OR EQUIVALENT).

INSTALLATION

- MARKET FOR PROCESSION AND STREET STREET, BETWEEN THE STREET STREET, BETWEEN THE STREET STREET, BETWEEN THE STREET STREET, BETWEEN THE STREET, BETWEEN THE
- HIGH COLEGATION OF THE THE FUNCTION OF THE THE COLEGATION OF THE DOT, ON NOT CLEAR AUGUST PRESENCE OF LARGE VEHICLES, BUT CLEAR CHA! THAT MICRESARY FOR THE DOT, ON NOT CLEAR AUGUST AREA UNIT. THE REQUIRED SPORCH HIGH SEMBOR! CONTROL EDVICES HER IN PLACE. I. IF THE DOTGED SOL IS SOT, PLASTIC OR LANFO, PLACE A BUB-HIGH OF CHARGED PROOF OR LANFOR OF

- ROCK PAD TO DIVERT SUCH RUNCHT TO A SUTTIGUE SEDMENT TRAP.

 6. THE LENGTH OF THE ROCK PAD SHOULD GE AT LEAST 15M WHERE PRACTICABLE, AND AS WISE AS THE FULL. WOTH OF THE ENTRY OR BUT AND AT LEAST 3m. THE ROOK PRO SHOULD COMMENCE AT THE EDGE OF THE
- OF FORT SEALED ROUGH DEPARTMENT.

 FAME TO BE DOOF THE ROUGH OWER IT MEETS THE PAREMENT SO THAT THE WHEELS OF TURNING VIGILOUS DOWN! TRAVEL OVER LIMPORTICITED SOIL.

 IF THE ROUGH HIS GROWN TO RECEITED WE MORNING! THE COVER THE COARSE ROOK WITH FAIL AGGREGATE.
- OR GRAVEL OR OTHERWISE TAKE WHATEVER MEASURES ARE NEEDED TO MAKE THE AREA SAFE.

- MAINTENANCE 8. INSPECT ALL SITE ENTRY AND ENT POINTS PRIOR TO PORECAST RAIN, DALY DURING EXTENDED PERIODS OF
- RAMFALL AFTER RUNNOFF-PRODUCING RAMFALL, OR OTHERWISE AT FORTINGHILLY INTERNALS.

 10. IF SAME SOLL SEDMENT OR MICE STRANGED OR WASHED ONTO THE ASJACISHT SEALED ROADWAY, THEN SUCH MATERIAL MUST BE PHYSICALLY REMOVED, FIRST USING A SQUARE-EDGED SHOVEL, AND THEN A STIFF-BRISTLED
- INSTITUTE, MIGHT BE PHISCHALLY PRODUCED, FIRST LIBRAR A DOUBLE-COOKER SHOULD, AND THEN A STITT-HEIGHT LIB BECOM AND THE SHOP A RECOVERAGE WHICH IT FRAM HEIGHT AND A STITL CHIEF BETWEEN CLIENT FRAM HEIGHT HEIGHT FRAM HEIGHT HEIGHT FRAM HEIGHT HEIGHT HEIGHT FRAM HEIGHT HEIGHT
- BIGLIER AND ASSOCIATED DRAWING CONTROL MEGILIES IN SECURIORIST.
 BIGLIER AND ASSOCIATED DRAWING CONTROL MEGILIES IN SECURIORISTICS.
 BIGLIER AND ASSOCIATED DRAWING CONTROL MEGILIES IN SECURIORISTICS.
 BIGLIER AND ASSOCIATED DRAWING CONTROL DRAWING THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.
 DEPOSO OF SEDIMBNIT AND GEBRIES IN A MANNET THAT WILL NOT CREATE AN EROSION OR POLLUTION HAZARD.

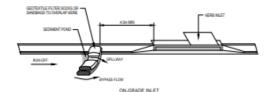
- REMOVAL

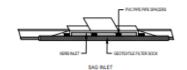
 1. THE ROYAL SHOULD BE PRIORED ONLY AFTER IT IS NO LONGER NEEDED AS A SEDMENT THAP.

 REMOVE INSTEADLE AND COLLECTED SEDMENT AND DISPOSE OF IN A SELFMALE MANNET THAT MILL NOT OLISE
 AN ERCORN OF POLLECTED SEDMENT AND DISPOSE OF IN A SELFMALE MANNET THAT MILL NOT OLISE
 AN ERCORN OF POLLECTED SEDMENT AND DISPOSE OF IN A SELFMALE THAT THE PROSON HADARD.

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KERB INLET SEDIMENT TRAP

KERB INLET SEDIMENT TRAP

SOUR BANKAN 2000-DAMETER SHITHETC OR BIODEGRADABLE TUBES MANUFACTURED FROM NON-WOVEN OR COMPOSITE FARRIC SUITABLE FOR THE FILTRATION OF COARSE SEGMENT.

ELL MATERIA: STRAWOME BLLON, COMPOSITE MATERIAL (ASAMSA), COURSE SAND OR CLEAN AGGREGATE.

- REFER TO APPROVED PLANS FOR THE LOCATION AND INSTALLATION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSIONS OR METHOD OF INSTALLATION CONTACT THE DIGNEES OR

- REGISTER FOR THE CLOSING DIRECTION DIRECTION OF THE ALTHON CONTICCT THE DEFINISHED OF REPORT OF CHARGE OF THE COLOR OF THE CHARGE O

- F STANDS ARE REQUIRED TO ANOIGN THE SCOOKS THERE SPACING DOES NOT EXCEED 1.2m OR SIX TIMES THE
 SOOK DAMETER (NHO EXIES THE LESSER), A NAXIMUM STAYE SPACING OF 0.3m APPLIES WHEN USED TO

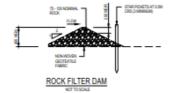
- MARYTENANCE

 1. MORECT NL. PLETER SCOOLS FROM TO FORECAST FAVE DIALY DURBNE EXTENSED PERSONS OF FAMEAU, AFTER
 SOMESHAFF REASES' PRODUCINGS STORAGE OF OTHERWISE, AT YESSEY IN TRIBUTE.

 1. THE BLEX OF THE SECREMENT COLLECTED BEHAVED THE FALTER SCOOLS SHOULD BE PREMOVED BY SHOVE, AFTER
 ACAST STORAGE HOUSE SECREMENT AND DESPOSE OF WAS SETTRALE WINNERS THAT WILL NOT CAUSE AN EFFOSION OR
 POLICIPATION SECREMENT AND DESPOSE OF WAS SETTRALE WINNERS THAT WILL NOT CAUSE AN EFFOSION OR
 POLICIPATION SECREMENT AND DESPOSE OF WAS SETTRALE WINNERS THAT WILL NOT CAUSE AN EFFOSION OR
 POLICIPATION SECREMENT.

- AVAILABLE 2 IF NECESSARY FOR SWEETY REASONS, THE SEALED SURFACE SHALL ONLY BE WASHED CLEAN AFTER ALL
- REASONABLE EFFORTS HAVE BEEN TAKEN TO SHOUL AND SWEEP THE MATERIALS FROM THE SURFACE.

 1. DISPOSE OF COLLECTED SEDMENT IN A SUITABLE MANNER THAT HILL NOT CRUSE AN ERCOSON OR POLLUTION.
- HARMAN, A MATTER PLASTIC, MESH OR OTHER NON READLY BIODECRADING MATERIA'S MUST BE REMOVED FROM THE STIE OLD. THE SLOPE OR DEANING STANLISTIC, OR THE SOCIAL WAY DISTRIBUTION TO A POINT WHERE THEY ME MOLDWIGGE PROVIDING THEIR INTERESTICIANT OR SEDMANT OUTPICE. PLASTICIAN THE STIE OLD STANLING THE STANLING THE STANLING OR SEDMANT OUTPICE. PLASTICIAN THE STANLING THE



ROCK FILTER DAM

MATERIALS

ROOK 75 TO 100mm NOMINAL DAMETER, HARD, EROSION RESISTANT ROOK.

CEDITORILE FARRIC. FEATY-OUTY NEEDLE-PUNCHES, NON-HOUSINFLITER CLOTH (SEDM ACH CREQUIVALIDIT).

INSTALLATION

- THE STALL FOR THE PROPERTY OF LICENSING HIGH PRINCIPAL STATE AND CLEENING OF PROBLEMS OF THE LICENSING HIGH PROPERTY OF THE LICENSING HIGH PROBLEMS OF THE LICENSING HIGH PROPERTY OF THE THE PROPERTY OF THE THE LICENSING HIGH PROPERTY OF THE LICENSING HIGH PROPERTY OF THE THE LICENSING HIGH PROPERTY OF THE LICENSING HIGH PROPERTY O

MAINTENANCE

- INSPECT EACH FILTER DAMAND THE DRAININGS CHANNEL AT LEAST WEEKLY AND AFTER RUNOFF-PRODUCING

- REMAN WITHIN THE CHANNEL.

 6. DISPOSE OF COLLECTED SEDMENT IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION.

- HIGH CONSTRUCTION WORK WITHIN THE DRIVINGS AREA ABOVE THE FILTER DWINNS GEEN COMPLETED, AND THE DISTLIBED HEARS AND THE CRIMINGS OWNING, ARE SUFFICIENTLY STABLISED TO RESTRAIN EROSON, ALL TEMPORARY OLICIX CASE MISTER PROJECT.
- PRINCIPE FILTER DAMAND ASSOCIATED SEDMENT AND DISPOSE OF IN A SUTTABLE MANNER THAT WILL NOT DUSE ASSESSION OR POLIUTION HADRED.

1	SUBSTATION AND STAGING ADDED - ISSUED FOR APPROVAL	IRM	GA	PF	20 05 20
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Min	Revision. Note * Indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date

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KS5 PTY LTD LANGLEY ROAD SUBDIVISION **EROSION AND SEDIMENT CONTROL STRATEGY**

DETAILS SHEET 2 OF 2

A1 Drawing No: 42-12520641-C028

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Doc ID: 956644 OP 2020_3493/1 Page 35 of 53

LANDSCAPE DESIGN LANGLEY RD SUBDIVISION - STAGE 1

LANGLEY ROAD, PORT DOUGLAS, QLD JUNE 2020 - TENDER ISSUE

DRAWING LIST

DWG NO.	REV	DRAWING NAME	SCALE (A3 SIZE)
198-L100	D	COVER PAGE	As Shown
198-L101	D	LANDSCAPE PLAN & PLANTING SCHEDULE	1:400
198-L102	D	ENTRY WALL DETAILS	As Shown
198-L103	D	TYP. DETAILS	As Shown



STANDARD NOTES

1. SETOUT AND DIMENSIONS

THE CONTRACTOR SHALL SET OUT ALL PATHS, WALLS, HARD SURFACES AND ELEMENTS EITHER ON OR OFF SITE PRIOR TO CONSTRUCTION AND SHALL OBTAIN THE SUPERINTENDENTS SET OUT APPROVAL PRIOR TO WORKS COMMENCING. WRITTEN DIMENSIONS SHALL TRAKE PRECEDENCE OVER SCALE, CHECK ALL DRAWINGS SCALES IN CONJUNCTION WITH DRAWINGS SIZE. COORDINATE ALL WORKS WITH OTHER TRADES AND HEAD CONTRACTOR.

2. SERVICES AND SITE ASSETS

THE CONTRACTOR SHALL INVESTIGATE THE NATURE AND LOCATION OF ALL EXISTING SERVICES AND RETAINED SITE ASSETS AFFECTED BY THEIR WORKS FAILURE TO TAKE DUE CARE SHALL NOT LIMIT THE CONTRACTORS LIABILITIES.

3. REFERENCES

THE CONTRACTOR SHALL REFER TO ALL CONTRACT DOCUMENTS, THE SPECIFICATION AND DRAWINGS PRIOR TO AND DURING THE WORKS.

4. DISCREPANCIES

NOTIFY SUPERINTENDENT OF ANY SUSPECTED OR KNOWN DISCREPANCIES OR ERRORS PRIOR TO THE ORDERING OF AFFECTED MATERIALS AND/OR CONSTRUCTION OF AFFECTED WORKS.

5. RELEVANT STANDARDS

THE CONTRACTOR SHALL UNDERTAKE ALL PRICING AND WORKS IN ACCORDANCE WITH CURRENT INDUSTRY BEST PRACTICE AND ALL RELEVANT AUSTRALIAN AND LOCAL STANDARDS AND THE FNOROC.

6. SERVICE LOCATOR

THE CONTRACTOR SHALL UNDERTAKE A DIAL BEFORE YOU DIG PROCESS PRIOR TO COMMENCING WORKS ON SITE. THE CONTRACTOR SHALL ENGAGE A SERVICE LOCATOR TO MAP THE SPECIFIC LOCATIONS AND DEPTH OF ALL SERVICES AND ADVISE ALL RELEVANT STAFF AND SUBCONTRACTORS IN WRITING PRIOR TO COMMENCING WORKS ON SITE.

7. SOFT LANDSCAPE

- 1. ALL CONTAINER STOCK SHALL BE INSPECTED IN THE NURSERY PRIOR TO TRANSPORT TO SITE.
- ALL CONTAINER STOCK PLANTING SHALL BE INSPECTED PRIOR TO PLANTING ON SITE. GIVE (5) WORKING DAYS NOTICE PRIOR TO SUCH ACTIVITY TO ALLOW LANDSCAPE ARCHITECT'S REPRESENTATIVE TO ATTEND
- 3. ALL SOIL BLENDS APPROVED TO AUSTRALIAN STANDARDS / AS4419.
- TURF SHALL CONSIST OF 25MM DEPTH OF DENSE, WELL ROOTED, VIGOROUS GRASS GROWTH WITH 25MM DEPTH OF TOPSOIL.
- 5. TURF TO BE USED SHOULD BE ROLLED B GRADE TURF MIX OF SPECIES 80% BUFFALO GRASS (AXONOPUS COMPRESSUS) & 20% COUCH GRASS VARIETIES
- 6. EXCAVATE EXISTING SITE SOIL ON ALL GARDEN BEDS TO 300mm DEPTH AND REPLACE WITH APPROVED SOIL BLENDS. USE SITE STOCKED TOPSOIL AND AMEND WHERE POSSIBLE. LANDSCAPE CONTRACTOR TO ASSESS SUITABILITY FOR REUSE. IF UNSUITABLE, TOPSOIL TO BE REMOVED BY OTHERS.
- 7. ENSURE COMPACTED ROAD BASE IS NOT LOCATED DIRECTLY BELOW THE GARDEN BED. IF SO THEN REMOVE/EXCAVATE THE COMPACTED ROAD BASE SO SOIL PROFILE CAN DRAIN TO NATURAL GROUND.

8. HARD LANDSCAPE

SAMPLES: UNLESS OTHERWISE NOTED, ALL
ITEMS MUST BE APPROVED PRIOR TO
INSTALLATION AND MUST MEET CURRENT
AUSTRALIAN STANDARDS AND BEST PRACTICE
GUIDELINES. PROVIDE SAMPLES OF ALL
SURFACE FINISHES AND MATERIALS TO BE
PLACED IN THE CONSTRUCTED LANDSCAPE,
ESPECIALLY ALTERNATIVES TO PROPRIETARY
ITEMS SPECIFIED. GIVE FIVE (5) WORK DAYS
NOTICE TO THE SUPERINTENDENTS
REPRESENTATIVE TO ATTEND OR REVIEW THE
SAMPLE FOR COMMENT OR REJECTION.
PROVIDE MANUFACTURERS GUIDES AND
REPLACEMENT WARRANTIES AND INSTALLATION
SPECIFICATIONS WHERE APPLICABLE.

9. IRRIGATION

DESIGN AND CONSTRUCT IRRIGATION SYSTEM TO FNOROC STANDARDS, CERTIFIED BY AN IAA CID (IRRIGATION AUSTRALIAN ASSOCIATION CERTIFIED IRRIGATION DESIGNER) AND TO CLIENT'S APPROVAL

10. PLANT ESTABLISHMENT & MAINTENANCE

AREAS OF PLANTING CAN ONLY BE GIVEN FINAL COMPLETION AFTER MINIMUM 13 WEEKS ESTABLISHMENT POST PRACTICAL COMPLETION AFTER MINIMUM 13 WEEKS POST STOCK DURING THIS PERIOD AND NEW STOCK ESTABLISHED FOR MINIMUM 13 WEEKS, FINAL COMPLETION IS GIVEN AT 13 WEEKS POST PRACTICAL COMPLETION AND ONGOING MAINTENANCE BEGINS

11. WORK HEALTH & SAFETY (WHS)

THE CONTRACTOR SHALL FOLLOW THE APPROVED & CURRENT PROJECT WORK HEALTH & SAFETY MANUAL.

Issue Dat	e Subject	Authorised
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SEYMOUR GROUP

ROJECT TITLE:

LANGLEY ROAD SUBDIVISION

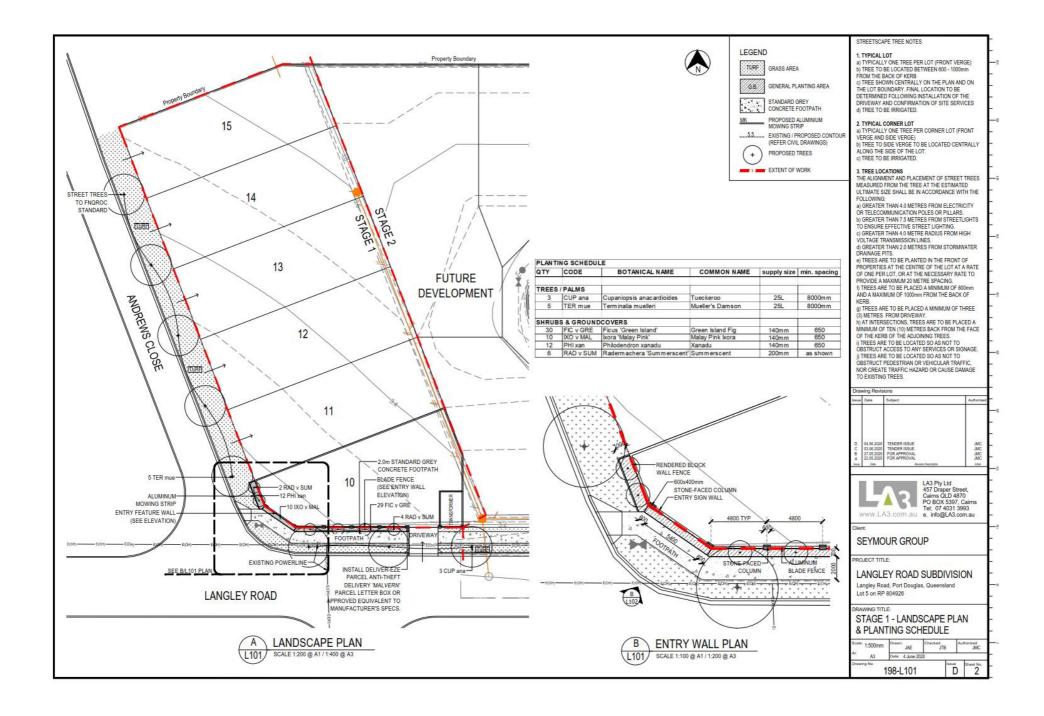
Langley Road, Port Douglas, Queensland Lot 5 on RP 804926

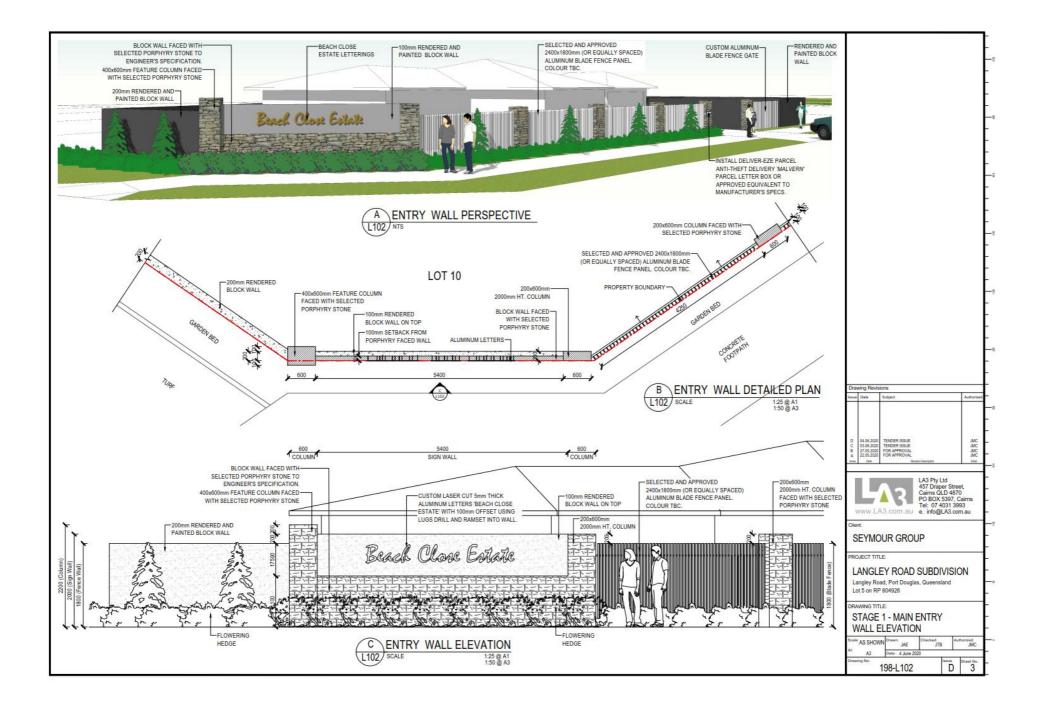
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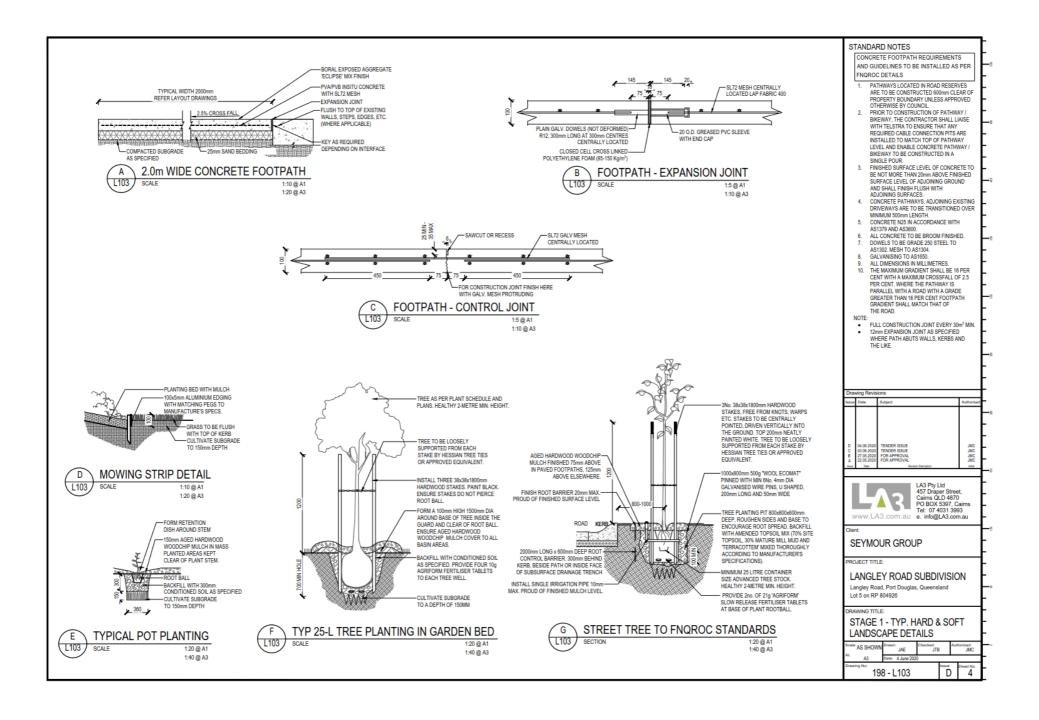
STAGE 1 - COVER PAGE

Scale: As Shown	Drawn: Checked: JAE JTB		Aut		horized: JMC	
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LANDSCAPE DESIGN LANGLEY RD SUBDIVISION - STAGE 2

LANGLEY ROAD, PORT DOUGLAS, QLD JUNE 2020 - TENDER ISSUE

DRAWING LIST

DW	VG NO.	REV	DRAWING NAME	SCALE (A3 SIZE)
19	8-L200	С	COVER PAGE	As Shown
19	8-L201	С	LANDSCAPE PLAN 01	1:500
19	8-L202	С	LANDSCAPE PLAN 02 & DETAIL PLANS	As Shown
19	8-L203	С	TYP. DETAILS & PLANTING SCHEDULE	As Shown
19	8-L204	С	ENTRY WALL, RET. WALL AND STAIRS DETAILS	As Shown



STANDARD NOTES

1. SETOUT AND DIMENSIONS

THE CONTRACTOR SHALL SET OUT ALL PATHS, WALLS, HARD SURFACES AND ELEMENTS EITHER ON OR OF STIEF PRIOR TO CONSTRUCTION AND SHALL OBTAIN THE SUPERINTENDENTS SET OUT APPROVAL PRIOR TO WORKS COMMENCING. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE, CHECK ALL DRAWINGS SCALES IN CONJUNCTION WITH DRAWINGS SIZE. COORDINATE ALL WORKS WITH OTHER TRADES AND HEAD CONTRACTOR.

2. SERVICES AND SITE ASSETS

THE CONTRACTOR SHALL INVESTIGATE THE NATURE AND LOCATION OF ALL EXISTING SERVICES AND RETAINED SITE ASSETS AFFECTED BY THEIR WORKS. FAILURE TO TAKE DUE CARE SHALL NOT LIMIT THE CONTRACTORS LIABILITIES.

3. REFERENCES

THE CONTRACTOR SHALL REFER TO ALL CONTRACT DOCUMENTS, THE SPECIFICATION AND DRAWINGS PRIOR TO AND DURING THE WORKS.

4. DISCREPANCIES

NOTIFY SUPERINTENDENT OF ANY SUSPECTED OR KNOWN DISCREPANCIES OR ERRORS PRIOR TO THE ORDERING OF AFFECTED MATERIALS AND/OR CONSTRUCTION OF AFFECTED WORKS.

5. RELEVANT STANDARDS

THE CONTRACTOR SHALL UNDERTAKE ALL PRICING AND WORKS IN ACCORDANCE WITH CURRENT INDUSTRY BEST PRACTICE AND ALL RELEVANT AUSTRALIAN AND LOCAL STANDARDS AND THE FNOROC.

6. SERVICE LOCATOR

THE CONTRACTOR SHALL UNDERTAKE A DIAL BEFORE YOU DIG PROCESS PRIOR TO COMMENCING WORKS ON SITE. THE CONTRACTOR SHALL ENGAGE A SERVICE LOCATOR TO MAP THE SPECIFIC LOCATIONS AND DEPTH OF ALL SERVICES AND ADVISE ALL RELEVANT STAFF AND SUBCONTRACTORS IN WRITING PRIOR TO COMMENCING WORKS ON SITE.

7. SOFT LANDSCAPE

- 1. ALL CONTAINER STOCK SHALL BE INSPECTED IN THE NURSERY PRIOR TO TRANSPORT TO SITE.
- ALL CONTAINER STOCK PLANTING SHALL BE INSPECTED PRIOR TO PLANTING ON SITE. GIVE (5) WORKING DAYS NOTICE PRIOR TO SUCH ACTIVITY TO ALLOW LANDSCAPE ARCHITECT'S REPRESENTATIVE TO ATTEND
- 3. ALL SOIL BLENDS APPROVED TO AUSTRALIAN STANDARDS / AS4419.
- TURF SHALL CONSIST OF 25MM DEPTH OF DENSE, WELL ROOTED, VIGOROUS GRASS GROWTH WITH 25MM DEPTH OF TOPSOIL.
- 5. TURF TO BE USED SHOULD BE ROLLED B GRADE TURF MIX OF SPECIES 80% BUFFALO GRASS (AXONOPUS COMPRESSUS) & 20% COUCH GRASS VARIETIES
- 6. EXCAVATE EXISTING SITE SOIL ON ALL GARDEN BEDS TO 300mm DEPTH AND REPLACE WITH APPROVED SOIL BLENDS. USE SITE STOCKED TOPSOIL AND AMEND WHERE POSSIBLE. LANDSCAPE CONTRACTOR TO ASSESS SUITABILITY FOR REUSE. IF UNSUITABLE, TOPSOIL TO BE REMOVED BY OTHERS.
- 7. ENSURE COMPACTED ROAD BASE IS NOT LOCATED DIRECTLY BELOW THE GARDEN BED. IF SO THEN REMOVE/EXCAVATE THE COMPACTED ROAD BASE SO SOIL PROFILE CAN DRAIN TO NATURAL GROUND.

8. HARD LANDSCAPE

SAMPLES: UNILESS OTHERWISE NOTED, ALL ITEMS MUST BE APPROVED PRIOR TO INSTALLATION AND MUST MEET CURRENT AUSTRALIAN STANDARDS AND BEST PRACTICE GUIDELINES. PROVIDE SAMPLES OF ALL SURFACE FINISHES AND MATERIALS TO BE PLACED IN THE CONSTRUCTED LANDSCAPE, ESPECIALLY ALTERNATIVES TO PROPRIETARY ITEMS SPECIFIED. GIVE FIVE (5) WORK DAYS NOTICE TO THE SUPPENITEMBENTS OF SEVIEW THE SAMPLE FOR COMMENT OR REJECTION. PROVIDE MANUFACTURER'S GUIDES AND REPLACEMENT WARRANTIES AND INSTALLATION SPECIFICATIONS WHERE APPLICABLE.

9. IRRIGATION

DESIGN AND CONSTRUCT IRRIGATION SYSTEM TO FNOROC STANDARDS, CERTIFIED BY AN IAA CID (IRRIGATION AUSTRALIAN ASSOCIATION CERTIFIED IRRIGATION DESIGNER) AND TO CLIENT'S APPROVAL

10. PLANT ESTABLISHMENT & MAINTENANCE

AREAS OF PLANTING CAN ONLY BE GIVEN FINAL COMPLETION AFTER MINIMUM 13 WEEKS ESTABLISHMENT POST PRACTICAL COMPLETION AFTER MINIMUM 13 WEEKS POST STOCK DURING THIS PERIOD AND NEW STOCK ESTABLISHED FOR MINIMUM 13 WEEKS, FINAL COMPLETION IS GIVEN AT 13 WEEKS POST PRACTICAL COMPLETION AND ONGOING MAINTENANCE BEGINS

11. WORK HEALTH & SAFETY (WHS)

THE CONTRACTOR SHALL FOLLOW THE APPROVED & CURRENT PROJECT WORK HEALTH & SAFETY MANUAL.

baue	Date	Subject	Authorised
C B A	03.06.2020 16.03.2020 21.02.2019 Date	TENDER ISSUE COUNCIL APPROVAL FOR APPROVAL FOR APPROVAL	JMC JMC JMC



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SEYMOUR GROUP

ROJECT TITLE:

LANGLEY ROAD SUBDIVISION
Langley Road, Port Douglas, Queensland

Lot 5 on RP 804926

STAGE 2 - COVER PAGE

As Shown At: A3 SIZE		Drawn: JAE	Checked: JTB		Authorized: JMC		ŀ	
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