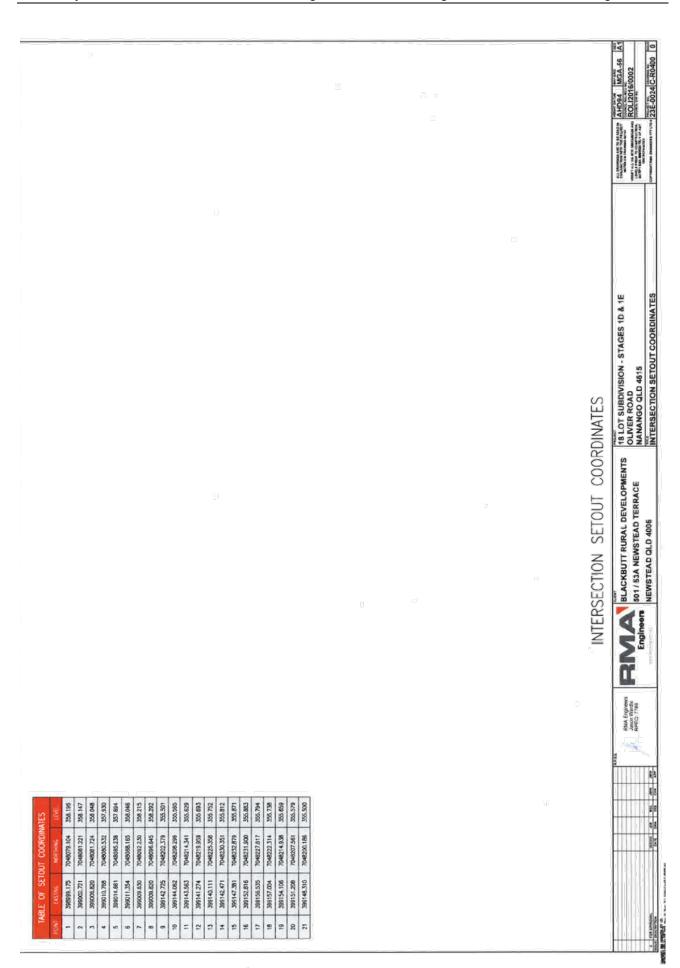
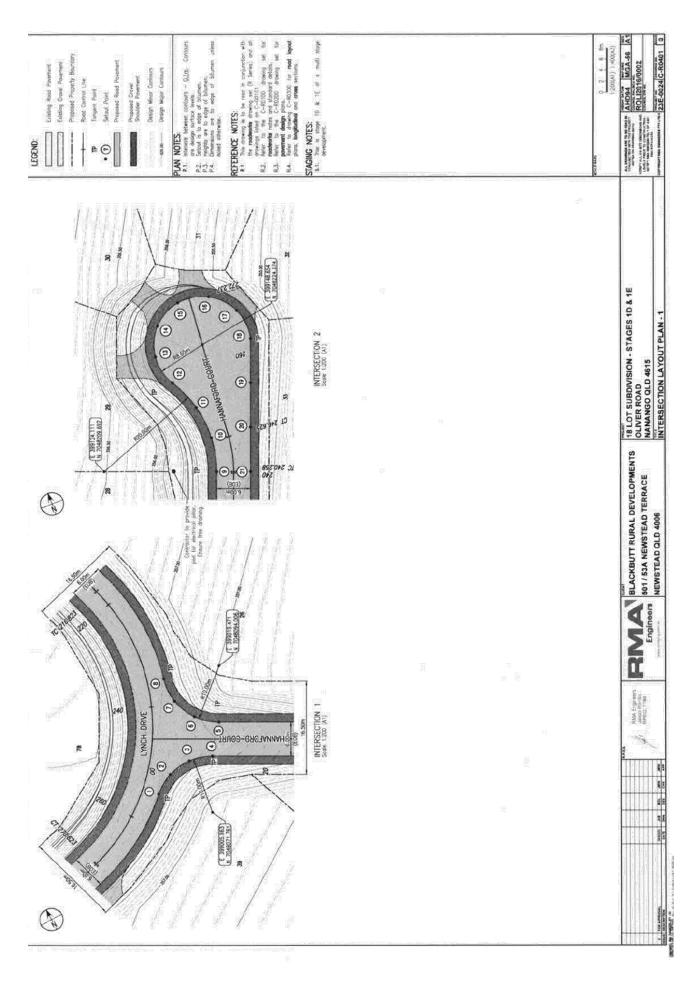


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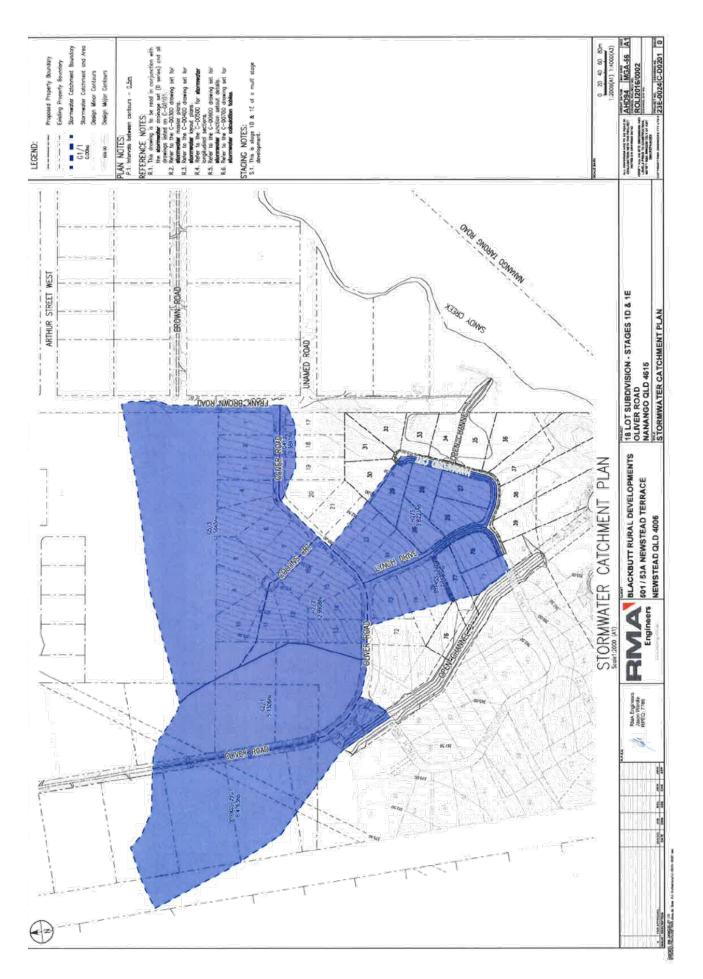
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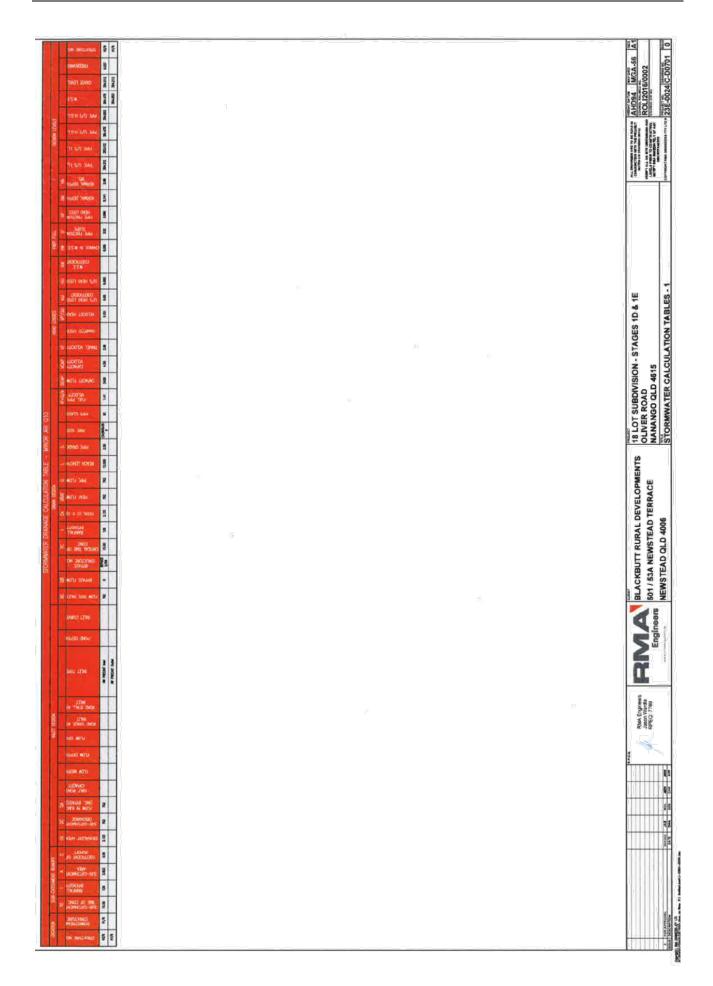




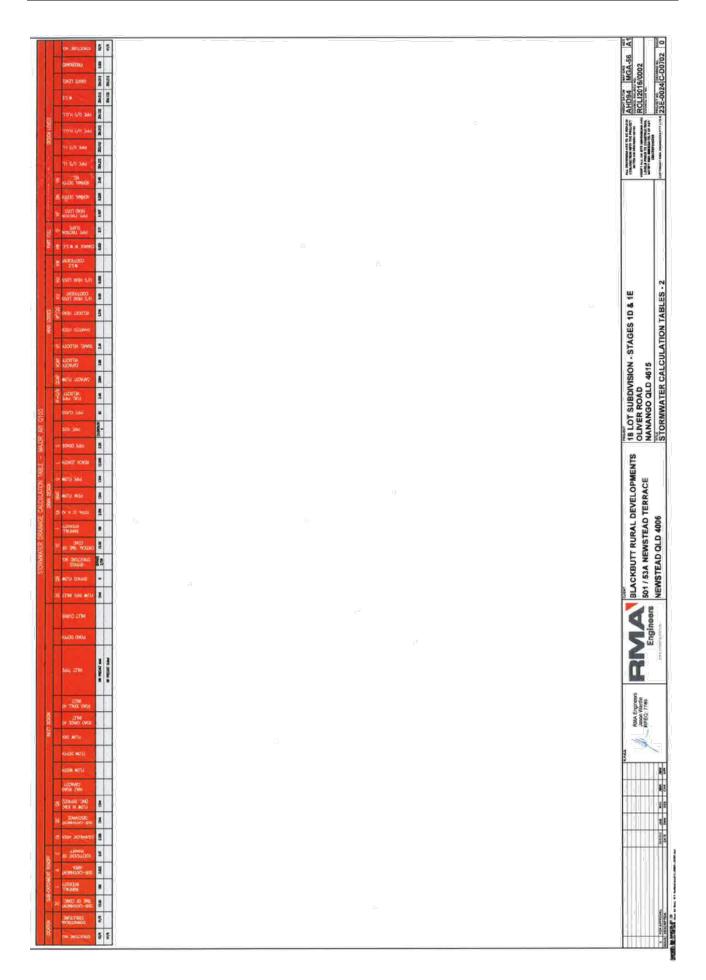
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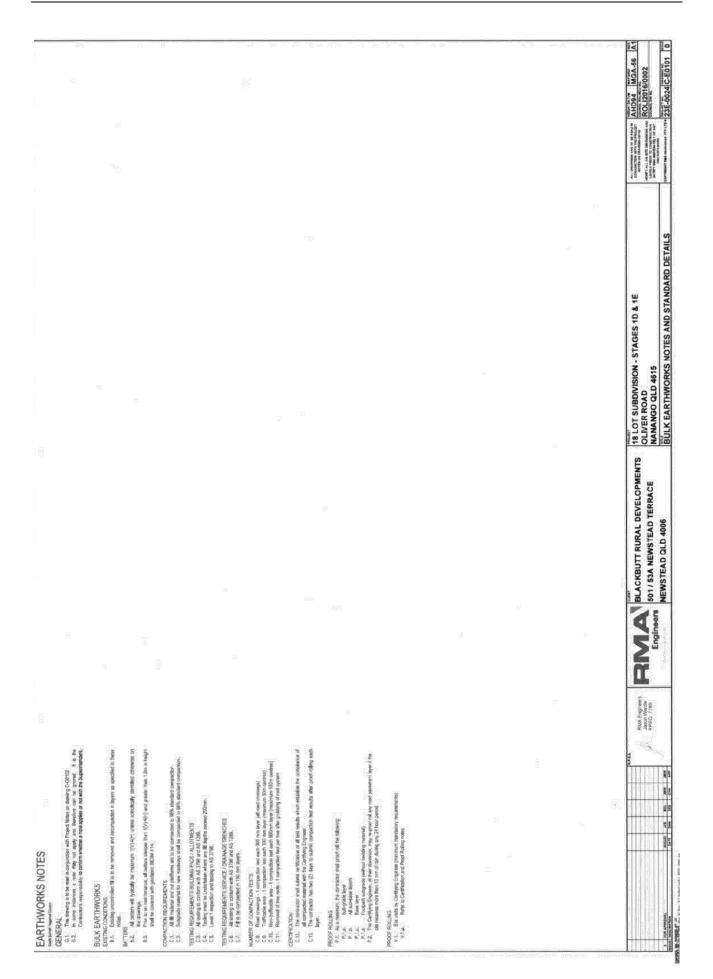


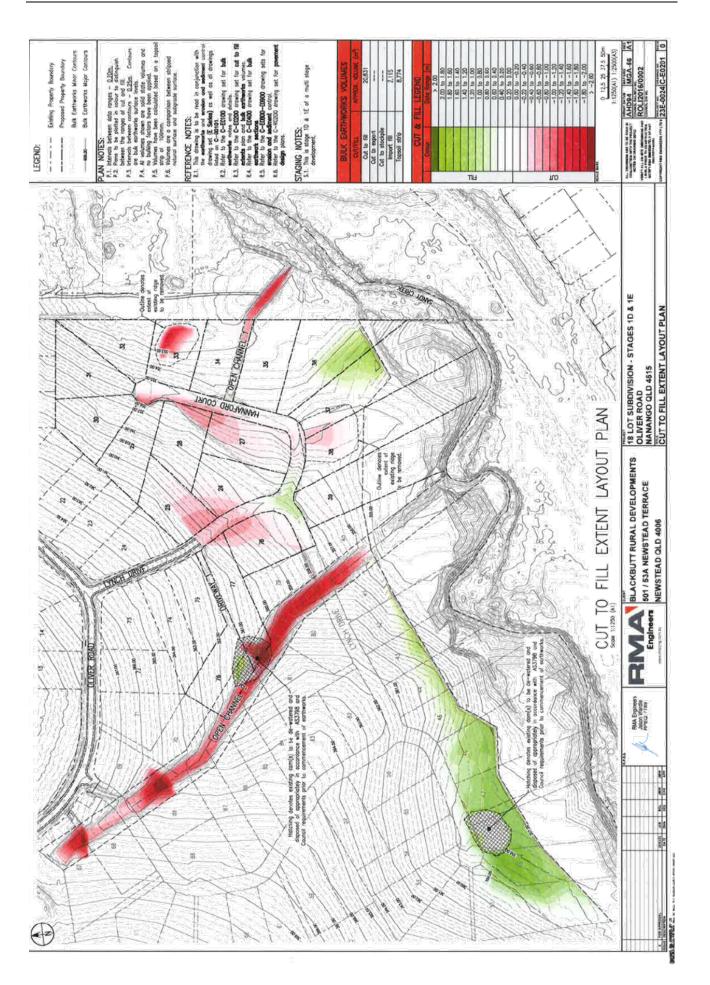
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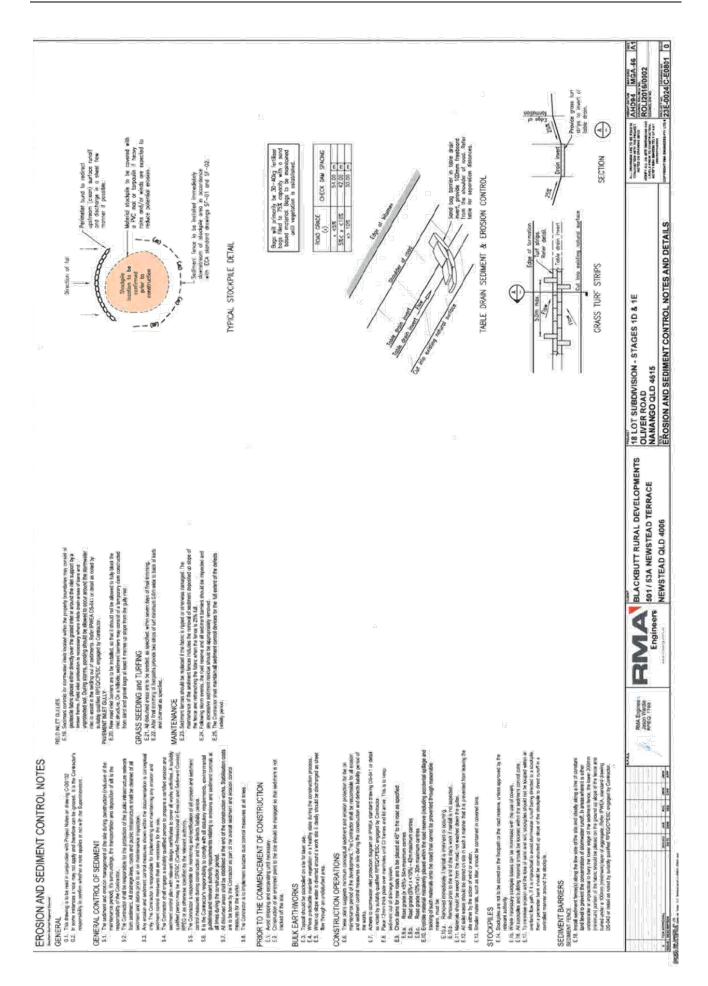


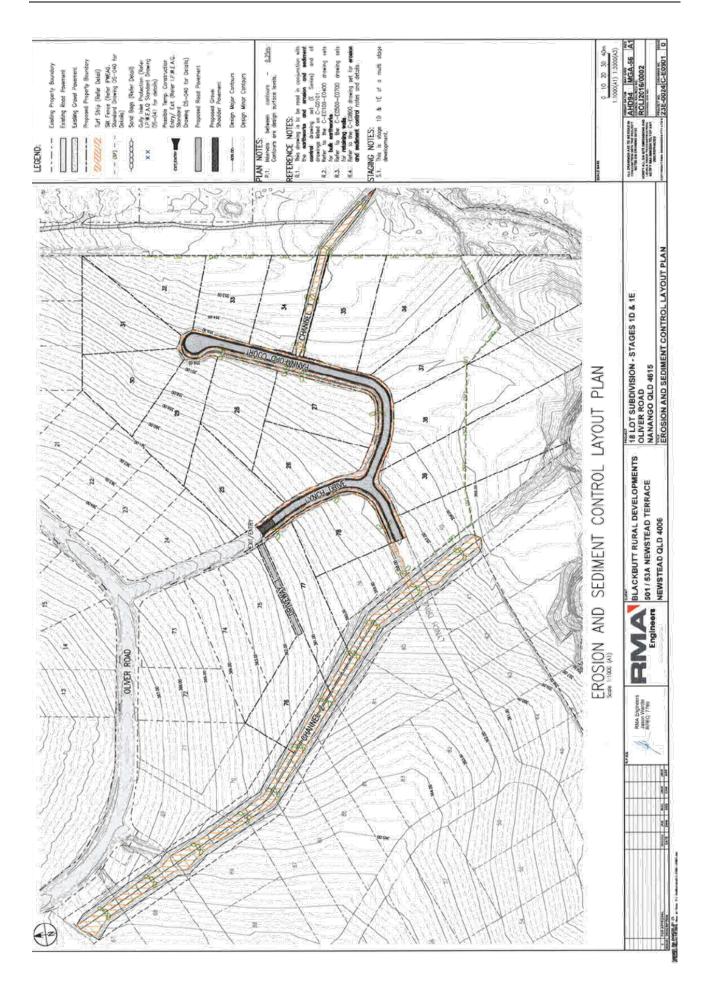


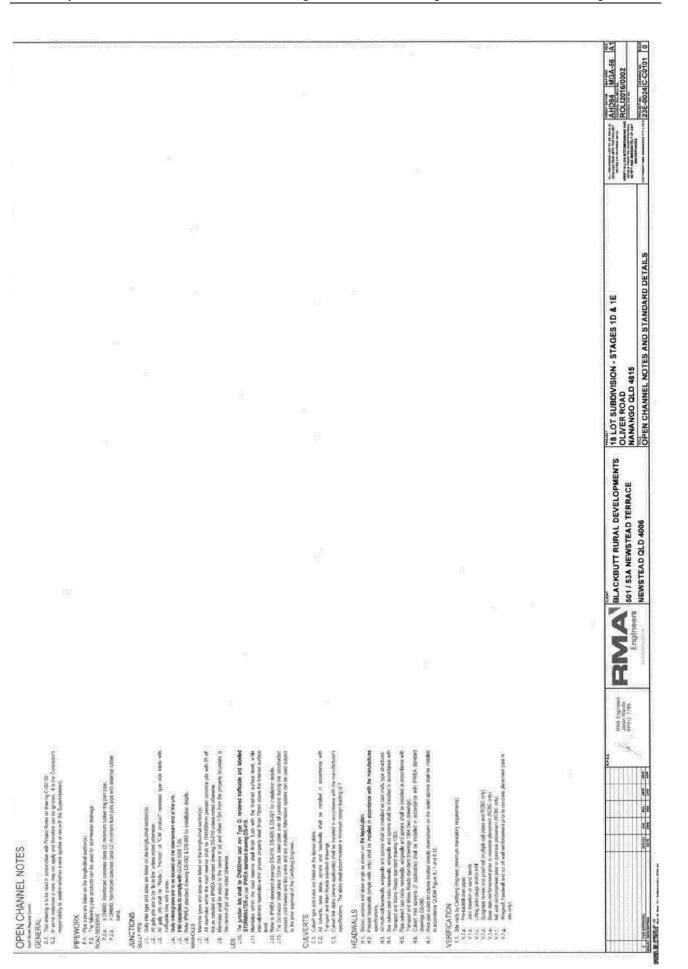


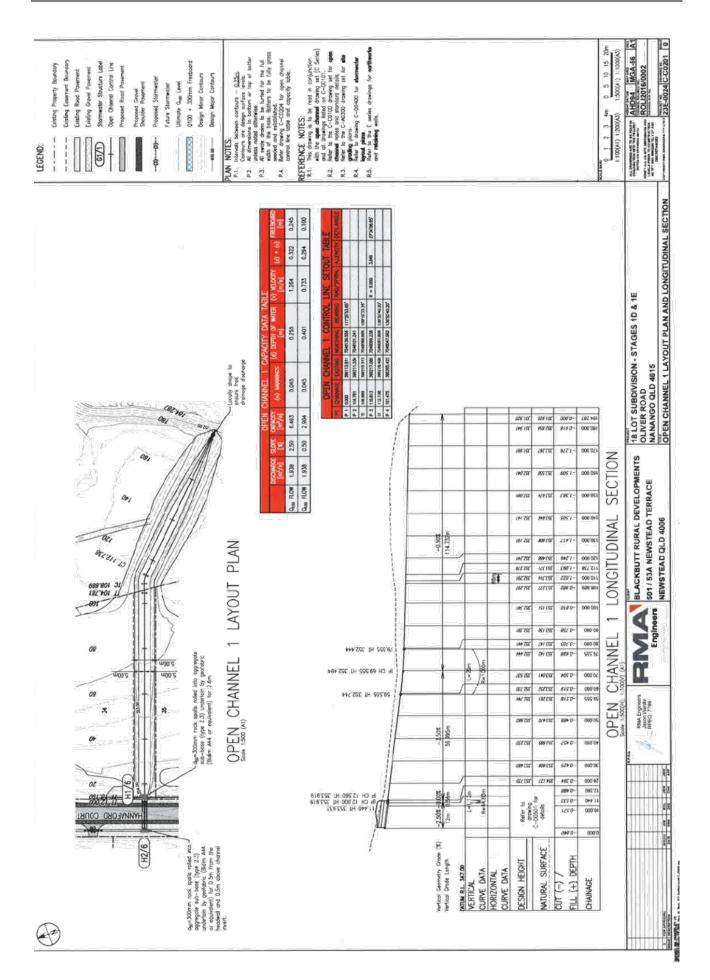


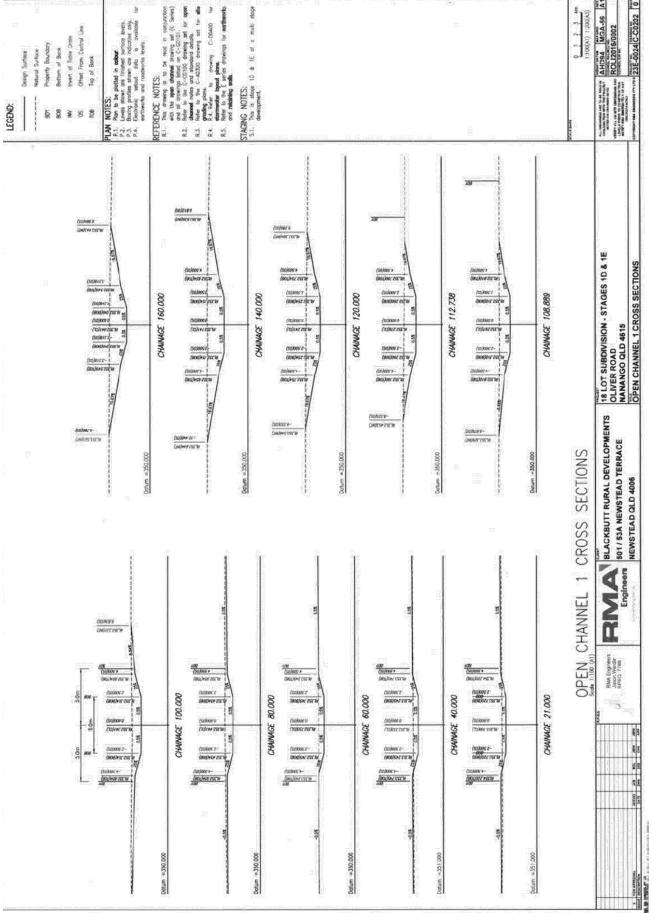


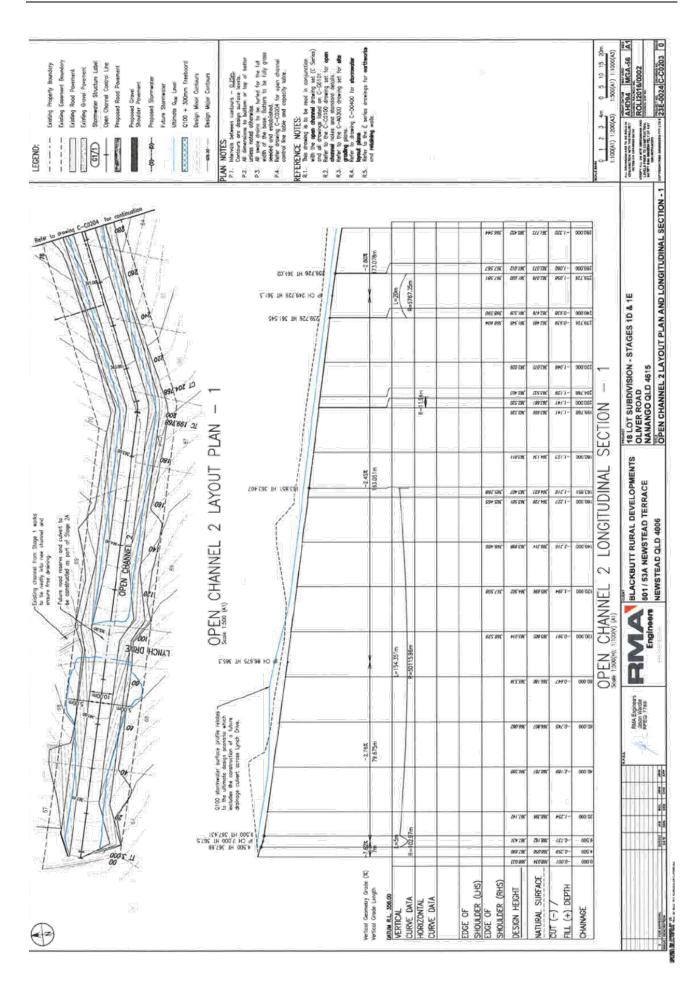


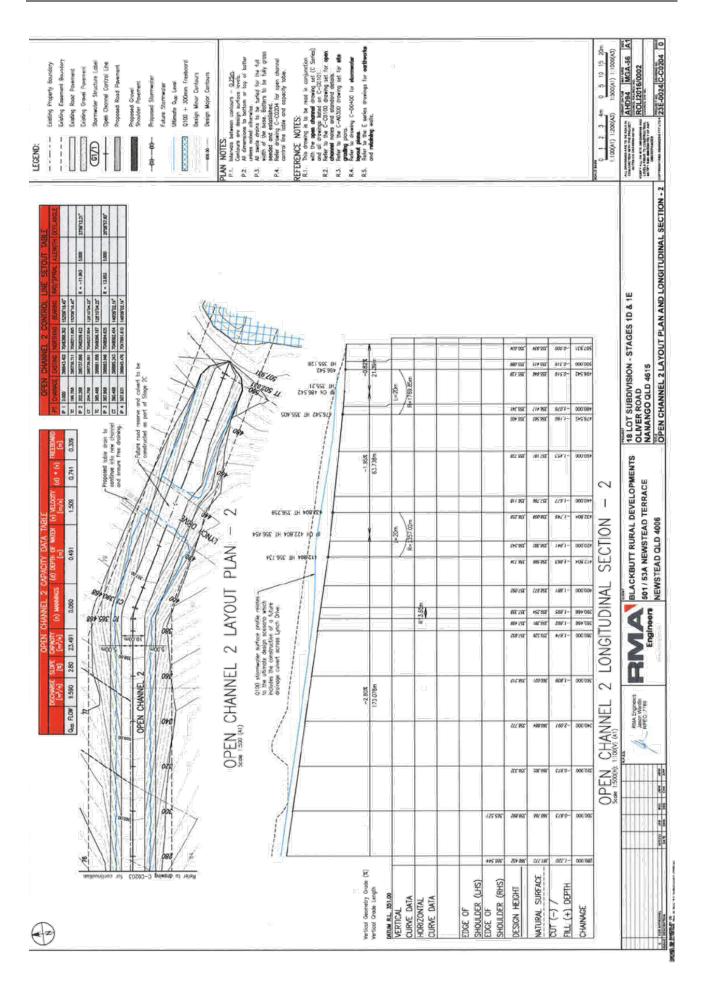


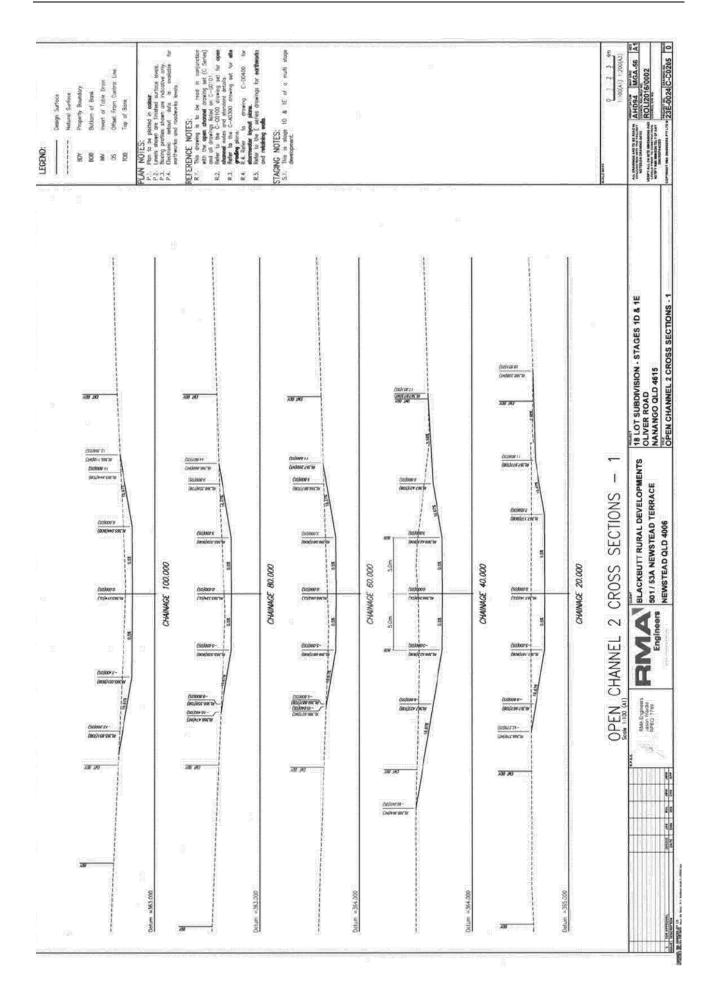


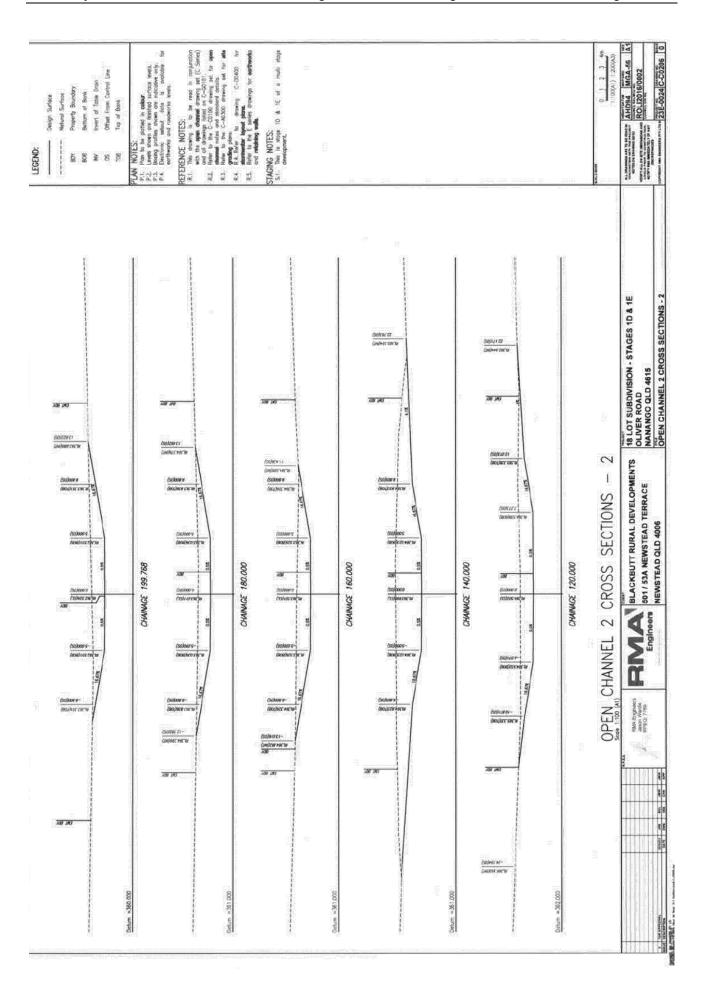


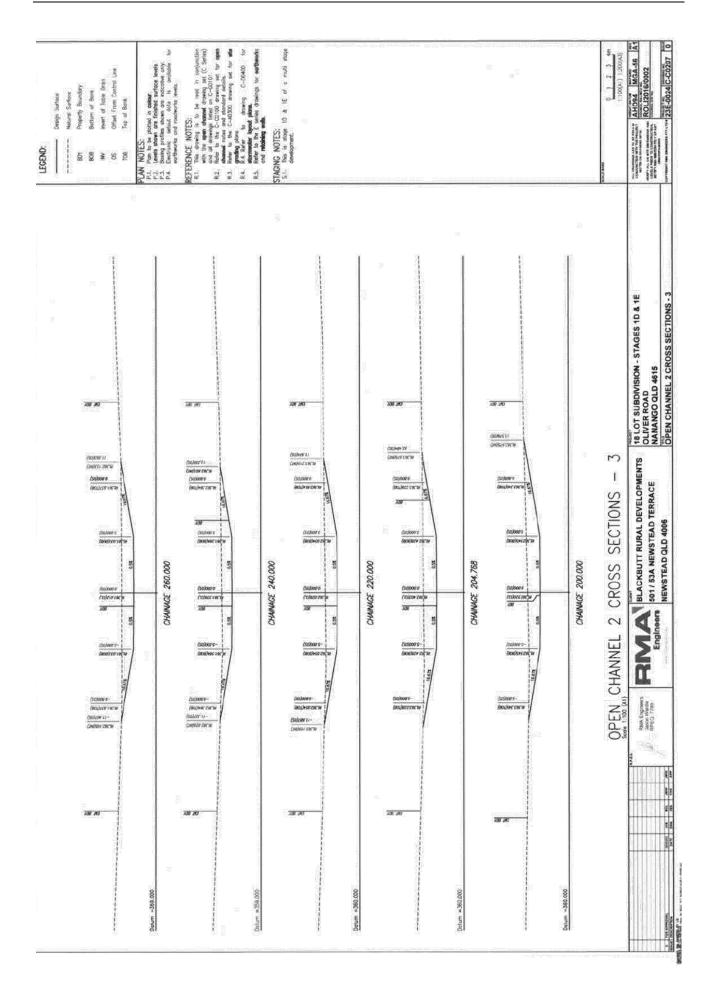


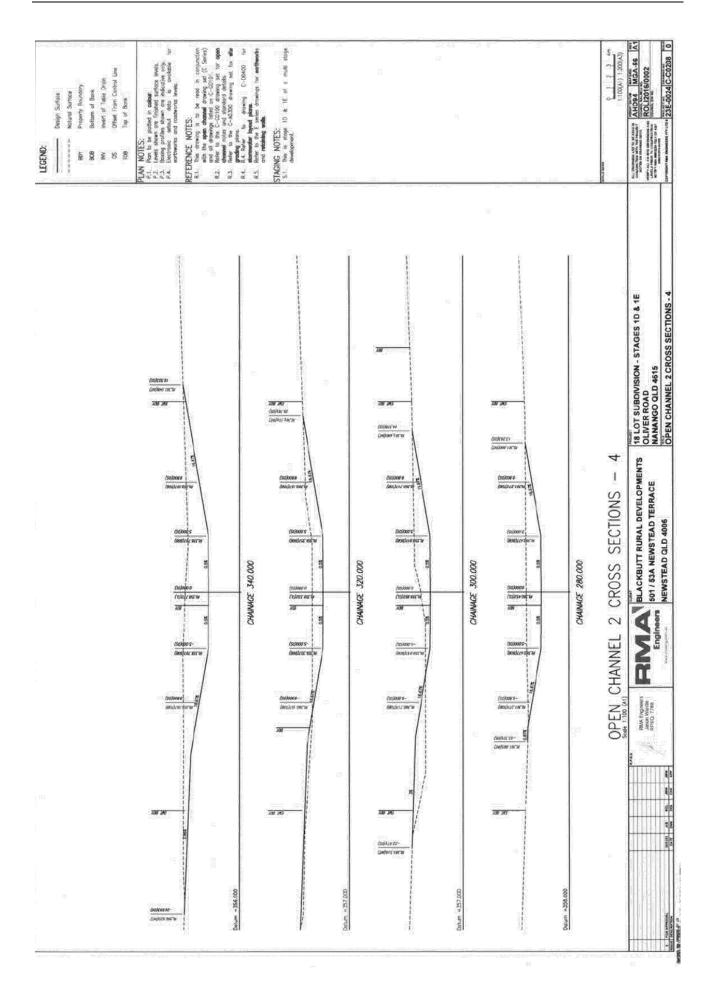


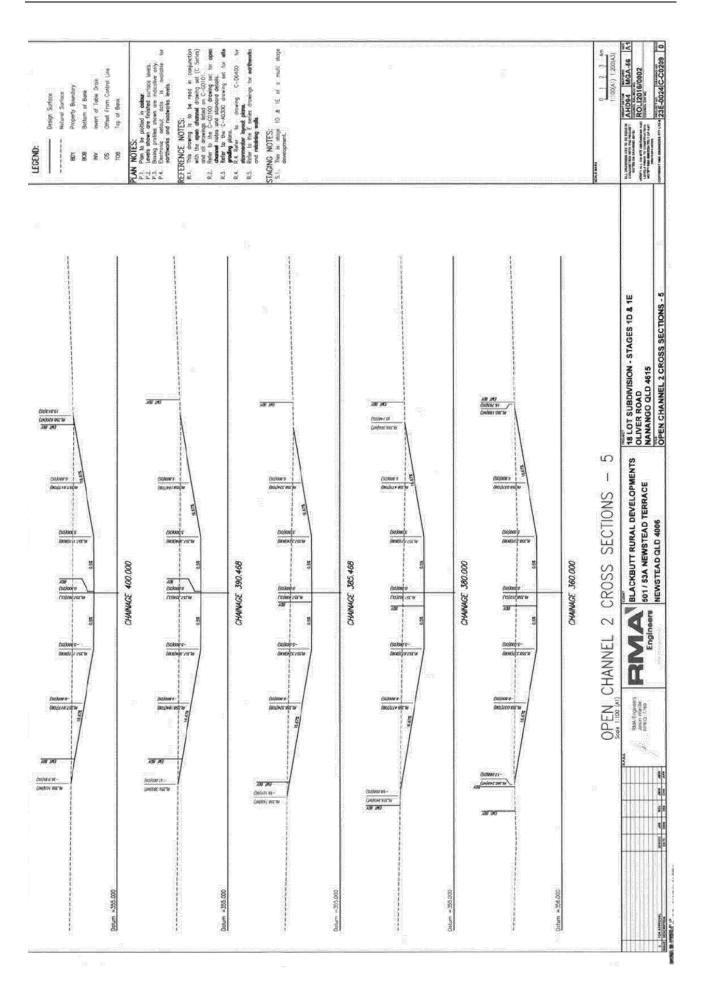


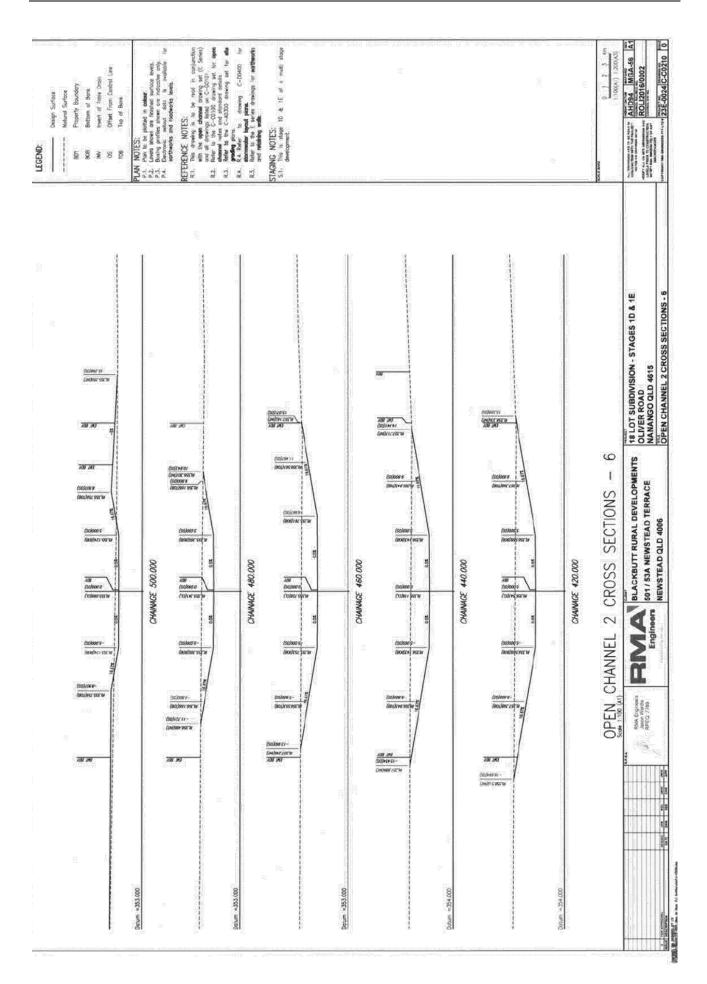












25 December 2030

OPERATIONAL WORK (ROADWORK, STORMWATER, WATER INFRASTRUCTURE, DRAINAGE WORK, EARTHWORKS & SEWERAGE INFRASTRUCTURE) AT PLAYER STREET (AND DESCRIBED AS LOT 200 ON SP2499032). APPLICANT: B SHEDGE

File Number:	OPW23/0008	deuclopment acrue	ATORE DATE
Author: Authoriser:	Engineering Contractor, Dev Chief Executive Officer	velopment Services	7/7/23
PRECIS		CEO	7.7.2033

Operational Work (Roadwork, Stormwater, Water Infrastructure, Drainage Work, Earthworks & Sewerage Infrastructure) at Player Street (and described as Lot 200 on SP2499032). Applicant: B S Hedge

SUMMARY

- Development application for a Development Permit for Operational Work (Roadwork, Stormwater, Water Infrastructure, Drainage Work, Earthworks & Sewerage Infrastructure) at Player Street Nanango;
- Development Permit for Operational Work is a requirement to fulfil the Conditions of Approval for RAL22/0013;
- The proposed Development Permit for Operational Work is recommended for approval subject to conditions.
- The conditions proposed in the officer's recommendation are in accordance with South Burnett Regional Council's Planning Scheme, development guidelines and best practices.

OFFICER'S RECOMMENDATION

It is recommended that Council approve the development application for Operational Work (Roadworks, Stormwater, Water Infrastructure, Drainage Work, Earthworks & Sewerage Infrastructure) on land described as Lot 200 on SP149902 and situated at Player Street, Nanango, subject to the following conditions:

GENERAL

- ENG 1 Compliance with the plans and specifications submitted with Development Application OPW23/0008, approval conditions, all Council Planning Scheme Policies and Reconfiguration of a Lot Approval No. RAL22/0013.
- ENG 2 This approval extends to Engineering works, Stormwater, Water Supply and Sewer, Roadworks, and Earthworks as detailed, and is conditional upon a set of "Issued for Construction" drawings, amended if required by the conditions of this approval, being submitted to Council for endorsement, prior to pre-start meeting.
- ENG 3 Undertake all approved works and works required by conditions of this development approval at no cost to Council.
- ENG 4 Submit to Council, electrical underground power and street lighting plans certified by a suitably qualified Engineer (RPEQ Electrical) for endorsement, prior to Council's endorsement of the Plan of Survey. Be responsible to check and ensure that electrical drawings do not conflict with the civil engineering design.
- ENG 5 Submit to Council for approval, an Inspection and Test Plan certified by a suitably qualified Engineer (RPEQ – Civil) prior to commencement of any work and prior to any pre-start meeting.

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- ENG 6 Pay to Council, inspection fees based on Council's Fees and Charges current at the time of commencement of works and based on the estimated project cost as estimated or accepted by Council prior to the pre-start meeting.
- ENG 7 Adhere to the following hours of construction unless otherwise approved in writing by Council:

Monday to Saturday:	7.00am to 6.30pm	Noise permitted
Monday to Sunday:	6.30pm to 7.00am	No noise permitted
Sunday and Public Holidays:		No noise permitted

Do not conduct work or business that causes audible noise from or on the site outside the above hours.

- ENG 8 Be responsible to carry out Work Health and Safety legislative requirements.
- ENG 9 Ensure all work sites are maintained in a clean, orderly state at all times.
- ENG 10 Manage all waste in accordance with the relevant legislation and regulations and dispose of regulated waste at a licensed facility of South Burnett Regional Council by a licensed regulated waste disposal contractor.
- ENG 11 Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.
- ENG 12 Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development, immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damage immediately upon completion of works associated with the development.
- ENG 13 Submit to Council, a Certification from a suitably qualified Engineer (RPEQ) that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements, prior to Council's endorsement of the Plan of Survey/commencement of the use.
- ENG 14 Submit to Council, a Condition Compliance Checklist confirming all conditions of approvals have been complied with prior to submission of the Survey Plan for endorsement by Council.
- ENG 15 Works are to be constructed generally in accordance with the specification requirements outlined in Aus-Spec #1 and the IPWEAQ Standard Drawings unless otherwise approved by South Burnett Regional Council.

ROADWORKS

- ENG 16 Submit to Council for approval, final pavement designs certified by an RPEQ to Austroads' or the Department of Transport and Main Roads' design standards after stripping of topsoil and assessment of soaked sub-grade CBR values.
- ENG 17 Ensure fill placed under the road formation in embankment situations is compacted to achieve 98% standard compaction. Testing and supervision of such fill must be in accordance with the testing requirements of EDROC and at Level 2 Supervision of AS3798.
- ENG 18 Ensure that backfilling of road crossings with an insitu material to subgrade level is compacted to achieve 97% standard compaction.

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- ENG 19 Base gravel is to be Type 3, Subtype 2 material unless otherwise approved by Council. Provide recently undertaken compliance testing from the stockpile used for the project for materials from non-certified Quarries by Council.
- ENG 20 Sub-base gravel is to be Type 3, Subtype 3 material unless otherwise approved by Council. Provide recently undertaken compliance testing from the stockpile used for the project for materials from Quarries non-certified by Council.
- ENG 21 The AC10 surfacing shall be a minimum of 40mm thick, over a hot bitumen primer-seal with 7mm aggregate cover material, or as approved otherwise by Council.
- ENG 22 Provide temporary signage and traffic control for construction in dedicated road reserves in accordance with Part 3 (Works on Roads) of Manual of Uniform Traffic Control Devices (MUTCD) - Department of Transport and Main Roads.
- ENG 23 Install and/or modify all street signs and linemarking to suit the new works in accordance with the MUTCD. Install new or relocated signage using V-Lok installation system. All new signage shall be Class 1 retro-reflective material to AS1743.
- ENG 24 Submit to Council for approval, a Traffic Management Plan prior to commencement of any works involving closing of Council roads or working on or adjacent to existing roads.

STREET TREES

ENG 25 Street trees shall be planted at a maximum spacing of 15m on both side of the new roads. Submit a plan to Council for approval the proposed tree types and construction requirements. The South Burnett Regional Council "*Branching Out*" guide shall be used to determine suitable tree species.

STORMWATER

- ENG 26 Provide a Closed Circuit Television (CCTV) inspection undertaken by an accredited provider, of all underground stormwater drainage.
- ENG 27 Ensure that earthworks and fill on the subject land do not lead to ponding of stormwater or actionable nuisance and ensure all lots, both internal and adjoining, drain freely to a lawful point of discharge in accordance with the Queensland Urban Drainage Manual.
- ENG 28 Do not concentrate stormwater onto adjoining properties.
- ENG 29 Energy dissipation and scour protection measures at culvert outlets shall be twice the size recommended in QUDM.
- ENG 30 Stormwater Line 1 shall be redesigned to relocate manhole P3/1 outside of the roadway, unless otherwise approved by Council. Any changes to the design shall be approved by Council prior to construction.

DEVELOPMENT WORKS

- ENG 31 Maintain erosion and sedimentation controls at all times during the course of the project and the ensuing defects liability period. Council Officers will inspect and assess the sediment and erosion control measures and temporary fencing implemented, and any alterations and/or supplementary works required must be incorporated.
- ENG 32 Implement measures to prevent site vehicles tracking sediment and other pollutants from the site onto adjoining streets during the course of the project, and to prevent dust nuisance during construction.

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- ENG 33 Be responsible for protecting nearby property owners from dust pollution arising from construction and maintenance of the works required by this approval, and comply with any lawful instructions from the Assessment Manager if, in his opinion, a dust nuisance exists.
- ENG 34 Waste material as a result of demolition work and excavation work must not be used as fill as described within the *Waste Reduction and Recycling Act 2011*.

EARTHWORKS

- ENG 35 Supervise bulk earthworks to Level 1 or Level 2 as applicable, and have a frequency of field density testing carried out in accordance with Table 8.1 of AS3798.
- ENG 36 Contain cut or fill batters wholly within the subject land. Do not place fill on adjacent properties without providing Council with written permission from the respective property owner(s).
- ENG 37 Do not store plant or material on adjoining lands without written permission from the respective property owner(s).
- ENG 38 Do not use contaminated material as fill on the site. Undertake any filling using inert materials only, with a maximum particle size of 75mm.
- ENG 39 Ensure open drains and fill platforms are constructed with a longitudinal grade on no less than 0.1%.
- ENG 40 Submit to Council, the following for approval in the event it is proposed to import material to or export material from the site, prior to commencement of the work:
 - (a) details of the location of any material to be sourced for fill including the volume of fill to be moved from any particular source site;
 - (b) details of the final location for any material to be exported from the site from excavations including the volume to be moved to any particular site; and
 - (c) the proposed haulage route(s) and truck sizes for carting of the material.

Note: Further Development Applications may be required to be submitted to and approved by Council for sites proposed to import material from or export material to, or conditions may be applied to any sites endorsed in accordance with this condition, eg submit a Traffic Management Plan to Council for acceptance, or rehabilitation of the site. Any required approvals are to be in place prior to commencement of the work.

This approval does not extend to any material proposed to be imported to or exported from the site:

- (d) other than from or to site(s) that have a current Development Approval enabling them to export/accept any material; or
- (e) the material is being exported to and accepted at a licensed Council refuse facility.

SEWERAGE

- ENG 41 Construct sewerage networks in accordance with the WBBROC Design and Construction Standards, Council Specifications, and Customer Service Standards.
- ENG 42 Conduct vacuum testing, cleaning and CCTV video inspection to a Council approved standard.
- ENG 43 Provide Council's Engineering Services with a minimum of 2 working days notice when any temporary stoppages to sewage flow are expected.

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- ENG 44 All live works associated with sewerage must be performed by South Burnett Regional Council (or under the supervision of a South Burnett Regional Council Officer if considered appropriate).
- ENG 45 All house connection branches are at the developers expense, even if carried out by Council. House connection branches shall be constructed in accordance with Council requirements.
- ENG 46 Mark house connection branches with a single vertical PVC electrical conduit (or similar material) 40mm in diameter and 2,000mm long, placed at the invert of the HCB and brought to surface, and mark with the Words "Sewer Connection 2 M".

Comment: The existing sewer main on the eastern side of the development is asbestos concrete. Appropriate safety and construction measures shall be implemented when working with, or in proximity to the sewer.

WATER SUPPLY

- ENG 47 Construct water supply networks in accordance with the WBBROC Design and Construction Standards, Council Specifications, and Customer Service Standards.
- ENG 48 All live works associated with water must be performed by South Burnett Regional Council (or under the supervision of a South Burnett Regional Council Officer if considered appropriate).
- ENG 49 Install valve markers and hydrant markers including RPMs on the completed roads to Council's standards.
- ENG 50 Water mains are to conform to a minimum Class 16 pipe and ensure construction works are completed, cleaned, super chlorinated, swabbed, and bacteriologically tested in accordance with the WBBROC Design and Construction Standards prior to connection to existing Council mains.
- ENG 51 Provide fire hydrants in all new roads at intervals of not more than 80 metres.
- ENG 52 Provide property connections in accordance with Council's Water Service Connection requirements for every lot. Ensure services are:
 - (a) terminated with an approved stop tap in accordance with the Standard Drawing;
 - (b) "live" during water main testing and shall be left live after construction; and
 - (c) "open" for testing at the on-maintenance inspection.
- ENG 53 Do not keep any external water services interrupted for more than a cumulative total of three hours during development works, and a minimum of five (5) days notice of any interruptions must be provided to Council and any relevant consumers.

INSPECTIONS AND TESTING

- ENG 54 Submit to Council the pre-start meeting agenda at the confirmation of a date and time for the meeting.
- ENG 55 Provide Council with a minimum of two clear working days' notice to undertake compulsory inspections and meetings at the following stages:
 - (a) Pre-start meeting with Council, Contractor, Supervising Engineer and developer;
 - (b) Water: in accordance with Council's Minimum Requirements for Water and Sewerage Works, and:
 - (i) prior to backfilling of each water main;
 - (ii) prior to backfilling of each water connection point;
 - (iii) prior to connection of any works to the reticulated water supply systems;
 - (iv) at the time of super-chlorination works and swabbing of mains; and

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- (v) at the time of any testing of each and every water main;
- (c) Sewer: in accordance with Council's Minimum Requirements for Water and Sewerage Works, and:
 - (i) prior to backfilling of each sewer main;
 - (ii) prior to backfilling of each property connection point;
 - (iii) prior to connection of any works to the existing sewer network;
 - (iv) at the time of any testing of each and every sewer main; and
 - (v) at the time of CCTV inspection to facilitate Council's acceptance of the works on and off-maintenance;
- (d) Stormwater:
 - (i) prior to backfilling of any stormwater drainage works; and
 - (ii) at the time of CCTV inspection to facilitate Council's acceptance of the works on and off-maintenance;
- (e) Structural steel inspection prior to pouring of any structural concrete including cast in-situ stormwater and sewer manholes and gully pits;
- (f) prior to back filling road crossings;
- (g) following preparation and compaction of road sub-grade;
- (h) following placement and compaction of each road pavement layer and prior to laying of the next pavement layer or surfacing layer;
- (i) of the finished pavement surface prior to any bitumen primer-seal or prime or asphalt surfacing;
- (j) at the point of completion of all works before placing on-maintenance; and
- (k) at the point of requesting Council to accept the works off-maintenance.
- ENG 56 Submit to Council, all inspection and test data in its entirety prepared by the applicant, Engineer, Principal Contractor or by Subcontractors in relation to the Operational Work or as described in the application prior to Council's endorsement of the Survey Plan. Undertake any further inspection, testing or analysis required, due to failure of work to meet specifications or where the testing previously provided is considered insufficient on behalf of the Principal Contractor by a NATA accredited entity (where applicable).
- ENG 57 Uncover all works covered prior to inspection to allow inspection by Council at Council's sole discretion.
- ENG 58 Allow Council to enter a work site to which this approval relates and undertake testing or analysis of any part of the construction, and Council is not liable for the rectification of or compensation for any damage caused in the testing or analysis process. Should work be found to be not constructed to specification or of poor quality, any reasonable instruction given by Council Officers must be considered to be a condition of approval and undertaken by the Principal Contractor.
- ENG 59 Where complete or incomplete works under this approval adversely affect adjoining properties, Council land, roads or other infrastructure, Council requires by notice, works to be completed.
- ENG 60 Undertake any works for the safety or health of the community or protection of infrastructure where Council deems it necessary.

MAINTENANCE

- ENG 61 Submit to Council, a written request to place constructed works on-maintenance or offmaintenance from the developer's certifying Engineer stating that all approved works have been completed and are ready for Council inspection.
- ENG 62 Submit to Council, a Closed-Circuit Television (CCTV) inspection for all underground stormwater drainage, inter-allotment drainage and sewerage works undertaken by an accredited provider at on and off-maintenance. A certified copy of the report including a

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disk or storage device is to be submitted to Council for review and endorsement prior to Council's acceptance of the works on or off-maintenance.

- ENG 63 Pay to Council, a maintenance bond of 5% of the cost of the operational work as estimated or accepted by Council, prior to commencement of the on-maintenance period.
- ENG 64 Maintain all works that will become Council infrastructure for a period of 12 months (maintenance period) from commencement of the on-maintenance period. Undertake any necessary maintenance or repairs to non-conforming work, defects and/or damage to any works undertaken in relation to this approval, even where damage has resulted from a third-party activity within the maintenance period.
- ENG 65 The maintenance bond will be entirely forfeited to Council should there be any failure by the applicant to undertake any such works considered by Council as necessary, to rectify any non-compliant works and to protect public safety. In the event that the bond is insufficient to address the non-compliant works, Council reserves the right to seek restitution. After expiration of the maintenance period and where required maintenance is suitably undertaken to Council's satisfaction, the bond will be returned accordingly, after the project is accepted off-maintenance.
- ENG 66 The on-maintenance period commences only when Council provides written confirmation that all of the following are completed:
 - (a) satisfactory completion of all works and conditions of Operational Work approval including associated Reconfiguring a Lot approval;
 - (b) provision of all necessary test and quality audit requirements;
 - (c) lodgement with Council, of certification from an RPEQ that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements;
 - (d) lodgement of a maintenance bond of 5% of the cost of the operational work as accepted by Council;
 - (e) submission of "As Constructed" data in the required format; and
 - (f) compliance with the conditions of approval for any Operational Work and associated Reconfiguring a Lot approval and any other approvals on the subject site.

AS CONSTRUCTED INFORMATION

- ENG 67 Submit to Council within 10 working days of completion of the operational work, suitable "As Constructed" drawings in hard copy and AutoCAD format and on GDA Zone 56 coordinates. The "As Constructed" drawings or data capture methods as required by Council must be certified by a Registered Professional Engineer of Queensland (RPEQ) on every drawing and shall be to an appropriate electronic format and standard as required by Council's Infrastructure Services General Manager.
- ENG 68 Provide "As Constructed" data for the following elements, where applicable:
 - (a) sewerage;
 - (b) water supply;
 - (c) roadworks; and
 - (d) stormwater drainage.

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APPROVED PLANS

The approval is subject to construction being undertaken in accordance with the Approved Plans prepared by Baker Rossow Consulting Engineers as listed below:

Drawing No. Shee		Rev	Drawing Title	Date
210435 101 A		A	ROAD TYPE SECTION AND PAVEMENT DESIGN	23/3/23
210435	102	Α	GENERAL ARRANGEMENT	23/3/23
210435	103	Α	PLAN EXISTING OVERALL LAYOUT PLAN	23/3/23
210435	104	A	DEVELOPED OVERALL LAYOUT PLAN	23/3/23
210435	105	A	GENERAL LAYOUT PLAN - SHEET 1 OF 3	23/3/23
210435	106	A	GENERAL LAYOUT PLAN - SHEET 2 OF 3	23/3/23
210435	210435 107 A GENERAL LAYOUT PLAN - SHEET 3 OF 3		23/3/23	
210435	201	A	DEPTH BANDING PLAN - SHEET 1 OF 3	23/3/23
210435	202	A	DEPTH BANDING PLAN - SHEET 2 OF 3	23/3/23
210435	203	Α	DEPTH BANDING PLAN - SHEET 3 OF 3	23/3/23
210435	301	A	ROAD CL SETOUT PLAN - SHEET 1 OF 3	23/3/23
210435	302	A	ROAD CL SETOUT PLAN - SHEET 2 OF 3	23/3/23
210435	303	Α	ROAD CL SETOUT PLAN - SHEET 3 OF 3	23/3/23
210435	304	A	CONTROL LINE 1 LONGITUDINAL SECTION	23/3/23
210435	305	Α	CONTROL LINE 1 CROSS SECTIONS	23/3/23
210435	306	A	CONTROL LINE 2 LONGITUDINAL SECTION	23/3/23
210435 307 A		A	CONTROL LINE 2 CROSS SECTIONS - SHEET 1 OF 2	23/3/23
210435	308	A	CONTROL LINE 2 CROSS SECTIONS - SHEET 2 OF 2	23/3/23
210435	309	A	INTERSECTION A - SETOUT AND DETAILS	23/3/23
210435	310	A	CUL-DE-SAC A - SETOUT AND DETAILS	23/3/2
210435	311	A	CUL-DE-SAC B - SETOUT AND DETAILS	23/3/2
210435	312	A	REINFORCED CONCRETE FOOTPATH DETAILS	23/3/2
210435	401	Α	SEWER LAYOUT PLAN - SHEET 1 OF 3	23/3/2
210435	402	Α	SEWER LAYOUT PLAN - SHEET 2 OF 3	23/3/2
210435	403	Α	SEWER LAYOUT PLAN - SHEET 3 OF 3	23/3/2
210435	501	Α	STORMWATER LAYOUT PLAN - SHEET 1 OF 3	23/3/2
210435	502	A	STORMWATER LAYOUT PLAN - SHEET 2 OF 3	23/3/2
210435	503	A	STORMWATER LAYOUT PLAN - SHEET 3 OF 3	23/3/2
210435	504	A	STORMWATER LINE 1 - LONGITUDINAL SECTION	23/3/2

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Ordinary Council Meeting Agenda	Ordinary	Council	Meeting	Agenda
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210435	505	A	STORMWATER LINES 2 & 3 - LONGITUDINAL SECTIONS	23/3/23
210435	506	Α	POST-DEVELOPMENT STORMWATER CATCHMENT PLAN	23/3/23
210435	507	Α	STORMWATER DRAINAGE NOTES AND DETAILS	23/3/23
210435	508	Α	STORMWATER OVERFLOW CHANNEL DETAILS	23/3/23
210435	509	A	PIPE DESIGN TABLE AND MANHOLE DETAILS	23/3/23
210435	510	A	STORMWATER DRAINAGE CALCULATION TABLES	23/3/23
210435	601	A	WATER LAYOUT PLAN - SHEET 1 OF 3	23/3/23
210435	602	Α	WATER LAYOUT PLAN - SHEET 2 OF 3	23/3/23
210435	603	A	WATER LAYOUT PLAN - SHEET 3 OF 3	23/3/23
210435	604	A	WATER RETICULATION NOTES AND DETAILS	23/3/23
210435	701	A	EROSION AND SEDIMENT CONTROL PLAN - SHEET 1 OF 3	23/3/23
210435	702	A	EROSION AND SEDIMENT CONTROL PLAN - SHEET 2 OF 3	23/3/23
210435	703	A	EROSION AND SEDIMENT CONTROL PLAN - SHEET 3 OF 3	23/3/23
210435	704	A	EROSION AND SEDIMENT CONTROL PLAN - SHEET 1 OF 2	23/3/23
210435	705	A	EROSION AND SEDIMENT CONTROL PLAN - SHEET 2 OF 2	23/3/23

ADVICE NOTES

The applicant be advised that:

- (a) Prior to commencement of the use or endorsement of the survey plan as applicable, the applicant shall contact Council to arrange a Development Compliance Inspection.
- (b) The applicant must ensure compliance with environmental conditions whether required to hold an Environmental Authority or not. These include, but are not limited to water quality, air quality, noise levels, waste waters, lighting and visual quality as a result of any activity or by-product or storage of materials within the confines of the building(s) and property boundaries.

Any amendment, alteration or addition to the development approval will require further consideration by Council in assessing any changes to the environmental conditions.

- (c) The Aboriginal Cultural Heritage Act 2003 (ACHA) is administered by the Department of Aboriginal and Torres Strait Islander and Multicultural Affairs (DATSIMA). The ACHA establishes a duty of care to take all reasonable and practicable measures to ensure any activity does not harm Aboriginal cultural heritage. This duty of care:
 - (i) is not negated by the issuing of this development approval;
 - (ii) applies on all land and water, including freehold land;
 - (iii) lies with the person or entity conducting an activity; and
 - (iv) if breached, is subject to criminal offence penalties.

Those proposing an activity involving surface disturbance beyond that which has already occurred at the proposed site must observe this duty of care. Details of how to fulfil this duty of care are outlined in the duty of care guidelines gazetted with the ACHA. The

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applicant should contact DATSIP's Cultural Heritage Co-ordination Unit on telephone (07) 3224 2070 for further information on the responsibilities of developers under the ACHA.

(d) The relevant period for the development approval (Operational Work) shall be two (2) years starting the day the approval is granted or takes effect. In accordance with Section 85(1)(c) of the Planning Act 2016 (PA), the development approval for Operational Work lapses if the development does not substantially start within the abovementioned relevant period.

An applicant may request Council to extend the **relevant period** provided that such request is made in accordance with Section 86 of PA and before the development approval lapses under Section 85 of the PA.

- (e) Council is to be indemnified against any claims arising from works carried out by the applicant on Council's property.
- (f) The relevant Planning Scheme for this Development Permit is the South Burnett Regional Council Planning Scheme 2017. All references to the Planning Scheme and Schedules within these conditions refer to the above Planning Scheme.

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FINANCIAL AND RESOURCE IMPLICATIONS

No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN

Growing our Region's Economy and Prosperity

 GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Refer to CONSULTATION in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No implication identified.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS

No implication can be identified.

ASSET MANAGEMENT IMPLICATIONS

The new road, water mains, sewer mains, and stormwater infrastructure will become a Council asset after the maintenance period has expired.

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REPORT

	1.	APPL	ICATION	DETAILS
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Site address	Player Street, Nanango			
Real property description	Lot 200 on SP249902			
Easements or encumbrances on title	N/A			
Area of Site	2.391 ha	2.391 ha		
Current Use	Rural			
Environmental Management Register or Contaminated Land Register				
Applicant's name	Blake & Alison Hedge			
Zone	Residential	Residential		
Applicable Overlays	Nil			
Proposed use as defined	N/A - Operational Work			
Details of proposal	Construction of Player Street extension with new road, water, sewer and stormwater.			
Application type	Aspects of	Type of Approval Requested		
	Development	Preliminary Approval	Development Permit	
	Material Change of Use (MCU)	en and the set of the		
	Reconfiguration of a Lot (RAL)			
	Building Work (BW)	2 201590 	5 - 2006 57 _ 500 _ 500 Store	
	Operational Work (OPW)		X	
Level of Assessment	Code Assessment			
Pre-lodgement / Consultation history				
Key planning issues e.g. vegetation, waterway corridors, overland flow	Nil			
Referral agencies	Agency Concurrence/ Advice			
	NA	NA		
Public notification	NA			
Planning Regulation 2017				

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2. THE SITE

This section of the report provides a description of the site, details about the existing use and notable characteristics of the site, the standard of servicing, and the form of development in the immediately locality.

2.1. SITE DESCRIPTION & EXISTING USE

The existing site is currently a vacant lot and the end of Player Street, Nanango.



The lot is zoned residential and abuts adjacent residential development to the east, with a Council reserve to the west and north, and rural lot to the south.

3. PROPOSAL DETAILS

The proposal plans are set out in the approved plans table above.

3.1. REFERRAL AGENCIES

To determine whether the development application requires referral to the State Assessment and Referral Agency (SARA) or 'another entity', an assessment of the proposal against Schedule 10 of the Regulation has been undertaken.

The application does not require referral to any referral agencies prescribed under Schedule 10.

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3.2. DEVELOPMENT CODE ASSESSMENTS

The proposal has been assessed against the relevant codes and requirements of the Planning Scheme, and is considered to comply without exception, or where identified as non-compliant, has been addressed through conditions.

SERVICE AND WORKS CODE Performance outcomes Assessment benchmarks Assessment General **PO1** The development is A011 N/A for Operational planned and designed A stormwater guality management plan Work considering the land use provides for achievable stormwater quality constraints of the site for treatment measures that meet the design achieving stormwater objectives identified in Table 9.4.4. design objectives. PO2 Development does not N/A A02.1 discharge wastewater to a A wastewater management plan prepared by a suitably qualified person and addresses : waterway or off-site unless demonstrated to be best (a) wastewater type; practice environmental (b) climatic conditions; (c) water quality objectives; management for that site. (d) best-practice environmental management; AND AO2.2 Wastewater is managed in accordance with a waste management hierarchy that: (a) avoids wastewater discharge to waterways; or (b) minimises wastewater discharge to waterways by re-use, recycling, recovery and treatment for disposal to sewer, surface water and groundwater. AO3.1 PO3 Construction activities Erosion and An erosion and sediment control plan sediment control avoid or minimise adverse impacts on stormwater addresses the design objectives for the plans have been construction phase in Table 9.4.4. submitted and quality. approved. PO4 Operational activities avoid AO4.1 Stormwater discharges to the or minimise changes to Development incorporates stormwater flow waterway hydrology from control measures to achieve the design adjacent gully. adverse impacts of altered objectives for the post-construction phase in Erosion protection design at the culvert stormwater quality and Table 9.4.4. outlets. flow. Infrastructure PO5 Development is provided AO5.1 N/A with infrastructure which: Except in the Rural zone, all development conforms with (a)occurs on a site with frontage to a sealed industry standards road. for quality; Infrastructure has is reliable and (b) AND been designed in service failures are accordance with the

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PSP1, and/or in

accordance with

standards.

relevant engineering

(c)

minimised; and

is functional and

readily augmented.

AO5.2

Infrastructure is designed and constructed in

accordance with the standards contained in

PSP1 – Design and Construction Standards.

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Performance outcomes Assessment benchmarks			Assessment	
	icle parking			
	Vehicle parking and access is provided to meet the needs of occupants, employees, visitors and other users.	AO6.1 Vehicle parking spaces are provided on-site in accordance with Table 9.4.5. AND AO6.2 A service bay is provided on-site for the service vehicle nominated in Table 9.4.5. AND AO6.3 Driveway crossings are provided to the standard contained in PSP1 – Design and Construction Standards. AND AO6.4 Vehicle parking and manoeuvring areas are provided in accordance with the standards contained in PSP1 – Design and	N/A	
		Construction Standards.		
Land	dscaping	and the second sub-second second second second second second		
PO7 [*]	Landscaping is appropriate to the setting and enhances local character and amenity.	 A07.1 Landscaping is provided in accordance with the relevant zone code provisions. AND A07.2 Where shade tree planting is required in vehicle parking areas each planting bed has a minimum area of 2m² and is unsealed and permeable. AND A07.3 Plantings along frontages or boundaries are in the form of defined gardens with three tier planting comprised of groundcovers, shrubs (understorey), and trees (canopy) and provided with a drip irrigation system, mulching and border barriers. 		
PO8	Plant species avoid adverse impacts on the natural and built environment, infrastructure and the safety of road networks.	 AO8.1 Landscaping utilises plant species that are appropriate for the location and intended purpose of the landscaping. AND AO8.2 Species selection avoids non-invasive plants. Editor's Note. Guidance on plant selection is provided in Branching Out - Your Handy Guide to tree Planting in the South Burnett available from Council. 		

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Performance outcomes		Assessment benchmarks	Assessment	
Filli	ng and excavation			
209	Development results in ground levels that retain: (a) access to natural light; (b) aesthetic amenity; (c) privacy; and (d) safety.	AO9.1 The depth of: (a) fill is less than 2m above ground level; or (b) excavation is less than 2m below ground level. AND AO9.2 The toe of the fill, or top of the excavation is	Minor filling is required for the creation of the lots, and to provide adequate cover over some services.	
		not less than 0.5m inside the site property boundary.		
		n on the sector of the sector		
		AO9.3 Works do not occur on slopes over 15% in grade.		
		AND		
		AO9.4 Retaining walls over 1m in height are terraced 1.5m for every 1m in height and landscaped.	10071	
		AND		
		AO9.5 Batter slopes are not steeper than 25% and are grassed and terraced 1.5m for every 1m in height.		
		AND	2 7 720	
		AO9.6 Filling or excavation for the purpose or retention of water:	τρα Τρα	
		 (a) is certified by an RPEQ engineer to safely withstand the hydraulic loading; (b) directs overflow such that no scour damage or nuisance occurs on adjoining lots. 	ιĉ	
°O10	 Filling or excavation does not cause damage to public utilities. 	AO10.1 Filling or excavation does not occur within 2m horizontally of any part of an underground water supply, sewerage, stormwater, electricity or telecommunications system.	No filling proposed within proximity to existing infrastructure.	

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Performance outcomes		Assessment benchmarks	Assessment	
от ед (2	Filling and excavation avoids water ponding on the premises or nearby premises that will adversely impact on the health of the community.	AO11.1 Following filling or excavation: (a) the premises: (i) are self-draining; and, (ii) has a minimum slope of 0.25%; and, (b) surface water flow is: (i) directed away from neighbouring properties; or (ii) discharged into a stormwater drainage system designed and constructed in accordance with AS3500 section 3.2.	Proposed lots are self draining.	
	perational work subject to	an overlay		
	versity overlay		Constant Sales St.	
P012	Development avoids, minimises or mitigates adverse impacts on areas of environmental significance.	AO12.1 Uses and associated works are confined to areas not identified on Overlay Map 05. OR AO12.2 Development is compatible with the environmental values of the area. OR AO12.3 Where development within an area identified on Overlay Map 05 is unavoidable, measures recommended by a suitably qualified ecologist are incorporated to protect and retain the environmental values and underlying ecosystem processes within or adjacent to the development site to the greatest extent practical.		
PO13	Biodiversity values of identified areas of environmental significance are protected from the impacts of development	AO13.1 Development adjacent to Protected Areas identified on Overlay Map 05 is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	N/A	
P014	There are no significant adverse effects on water quality, ecological and biodiversity values.	AO14.1 Uses and associated works are confined to areas outside overland flow paths and natural drainage features. AND AO14.2 The Waterway Corridors identified on Overlay Map 05 are maintained in a natural state.	N/A	

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	rmance outcomes	Assessment benchmarks	Assessment	
Flood	hazard overlay			
P015	Development directly, indirectly and cumulatively avoids any significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage either on site or other properties.	 AO15.1 Works associated with the proposed development do not: (a) involve a net increase in filling greater than 50m³ in the area identified on Overlay Map 03; (b) result in any reductions of on-site flood storage capacity and contain within the site any changes to depth / duration/velocity of flood waters; or (c) change flood characteristics outside the site in ways that result in: (i) loss of flood storage; (ii) loss of/changes to flow paths; (iii) acceleration or retardation of flows; or 	т. №А №110 м ² ² 1 ²	
		 (iv) any reduction in flood warning times. 	01 12 00 544000 0000000000000000000000000000	
Regio	nal infrastructure overlay			
	Earthworks do not restrict	A016.1	Nearby easements	
	access to and along major electricity infrastructure corridors by the electricity providers, using their normal vehicles and equipment.	Earthworks do not alter levels along the boundaries of existing easements by more than 300mm and do not result in increased inundation of electricity infrastructure.	will be unaffected by the project.	
P017	There is no worsening of drainage or erosion conditions affecting the bulk supply and linear infrastructure.	No outcome specified.	N/A	
Water	catchments overlay	the second s	A STATISTICS AND A	
	There are no significant adverse effects on the water quality of the Region's drinking water supply.	AO18.1 Development within the Bjelke-Petersen Dam Water Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR AO18.2 Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific	Site is not within a water supply catchment	
		Map 06 complies with the specific outcomes and measures of the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.		

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4. CONSULTATION

Referral Agencies

No referral agencies

Council Referrals

INTERNAL REFERRAL SPECIALIST	REFERRAL / RESPONSE
Development Engineer	Council's Development Engineer has carried out the assessment

5. RECOMMENDATION

The proposed development has been assessed against the requirements of the South Burnett Regional Council Planning Scheme. It is considered that the proposed development generally complies with the requirements of the Planning Scheme and as such, the applicant should be provided with a Development Permit. The Development Permit should contain the conditions detailed in the Officer's Recommendation in order to ensure that the proposal complies with the South Burnett Regional Council Planning Scheme.

ATTACHMENTS

1. Attachment A - Approved Plans

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Delegated Authority

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WATER MURGON	OPERATIONAL WORKS - WATER INFRASTRUCTURE (EXTENSION TO EXISTING WATER MAIN ON BOAT MOUNTAIN ROAD) AT 155 BOAT MOUNTIAN ROAD, MURGON (AND DESCRIBED AS LOT 9 ON SP287687 - APPLICANT: BARRIE BRAITHWAITE				
File Number:		LOP MATA SELVICE		18/07/23	
Author:	Engineering Contractor, Developme	nt Services		10-1/22	
Authoriser:	Chief Executive Officer	GM	-	19/1/25	
DRECIS		CEO		19.7.2003	

PRECIS

Development Application for Operational Work - Water Infrastructure (Extension to Existing Water Main on Boat Mountain Road) at 155 Boat Mountain Road - Lot 9 on SP287667 - OPW23/0009.

SUMMARY

- · Application for Operational Work Water Infrastructure (Extension to Existing Water Main on Boat Mountain Road) at 155 Boast Mountain Road - Lot 9 on SP287687;
- · An Operational Work application was conditioned in the Conditions of Approval for development approval Council Ref. IR1185122, Reconfiguring a Lot 1 into 9 lots;
- The proposed Operational Work is approved with conditions.
- · These conditions are seen to be in accordance with South Burnett Regional Council Planning Scheme 2017, development guidelines and best practices.

OFFICER'S RECOMMENDATION

It is recommended that Council approve the development application for Operational Work - Water Infrastructure (Extension to Existing Water Main on Boat Mountain Road) at 155 Boat Mountain Road - Lot 9 on SP287687, subject to the following conditions:

GENERAL

- Compliance with the plans and specifications submitted with Development Application ENG 1 OPW23/0009, approval conditions, all Council Planning Scheme Policies and Reconfiguration of a Lot Approval No. IR1185122.
- ENG 2 This approval extends to Engineering works, as detailed, and is conditional upon a set of "Issued for Construction" drawings, amended if required by the conditions of this approval, being submitted to Council for endorsement, prior to pre-start meeting.
- Submit to Council for approval, an Inspection and Test Plan certified by a suitably qualified ENG 3 Engineer (RPEQ - Civil) prior to commencement of any work and prior to any pre-start meeting.
- ENG 4 Pay to Council, inspection fees based on Council's Fees and Charges current at the time of commencement of works and based on the estimated project cost as estimated or accepted by Council prior to the pre-start meeting.
- ENG 5 Ensure that supervision of all construction works are carried out by a suitably gualified and experienced Engineer (RPEQ).
- ENG 6 Adhere to the following hours of construction unless otherwise approved in writing by Council:
 - i. Monday to Saturday: 6.30am to 6.30pm ii. Monday to Sunday:

Sunday and Public Holidays:

6.30pm to 6.30am

Noise permitted No noise permitted No noise permitted

Do not conduct work or business that causes audible noise from or on the site iv. outside the above hours.

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- ENG 7 Be responsible to carry out Work Health and Safety legislative requirements.
- ENG 8 Ensure all work sites are maintained in a clean, orderly state at all times.
- ENG 9 Manage all waste in accordance with the relevant legislation and regulations and dispose of regulated waste at a licensed facility of South Burnett Regional Council by a licensed regulated waste disposal contractor.
- ENG 10 Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.
- ENG 11 Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development, immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damage immediately upon completion of works associated with the development.
- ENG 12 Submit to Council, a Certification from a suitably qualified Engineer (RPEQ) that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements, prior to Council's endorsement of the Plan of Survey.
- ENG 13 Works are to be constructed generally in accordance with the specification requirements outlined in Aus-Spec #1 and the IPWEAQ Standard Drawings unless otherwise approved by South Burnett Regional Council.

WATER SUPPLY

- ENG 14 Construct water supply networks in accordance with the *Water Act 2000, WSAA Code 2006,* Council's Minimum Specifications and Customer Service Standards.
- ENG 15 All live works associated with water must be performed by South burnett Regional Council (or under the supervision of a South burnett Regional Council Officer if considered appropriate).
- ENG 16 Install valve markers and hydrant markers including RPMs on the completed roads to Council's standards.
- ENG 17 Water mains are to conform to a minimum Class 16 pipe and ensure construction works are completed, cleaned, tested, chlorinated and swabbed in accordance with the WSAA Code prior to connection to existing Council mains.
- ENG 18 Provide property connections in accordance with Council's Water Service Connection Standard, in particular, 25mm diameter connections for each lot. Ensure services are:
 - (a) terminated with an approved stop tap in accordance with the Standard Drawing;
 - (b) "live" during water main testing and shall be left live after construction; and
 - (c) "open" for testing at the on-maintenance inspection.
- ENG 19 The existing house connection to the existing water meter on proposed Lot 1 shall be disconnected, and the existing house be connected to a new water mater to be installed on proposed Lot 10, at the location shown on Morris Water drawing SBRC29.1-04.
- ENG 20 Do not keep any external water services interrupted for more than a cumulative total of three hours during development works, and a minimum of five (5) days notice of any interruptions must be provided to Council and any relevant consumers.

INSPECTIONS AND TESTING

ENG 21 Submit to Council the pre-start meeting agenda at the confirmation of a date and time for the meeting.

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- ENG 22 Provide Council with a minimum of two clear working days notice to undertake compulsory inspections and meetings at the following stages:
 - (a) Pre-start meeting with Council, Contractor, Supervising Engineer and developer;
 - (b) Water: in accordance with Council's Minimum Requirements for Water and Sewerage Works, and:
 - (i) prior to backfilling of each water main;
 - (ii) prior to backfilling of each water connection point;
 - (iii) prior to connection of any works to the reticulated water supply systems;
 - (iv) at the time of super-chlorination works and swabbing of mains; and
 - (v) at the time of any pressure testing of each and every water main;
 - (c) at the point of completion of all works before placing on-maintenance; and
 - (d) at the point of requesting Council to accept the works off-maintenance.
 - ENG 23 Submit to Council, all inspection and test data in its entirety prepared by the applicant, Engineer, Principal Contractor or by Subcontractors in relation to the Operational Work or as described in the application prior to Council's endorsement of the Survey Plan. Undertake any further inspection, testing or analysis required, due to failure of work to meet specifications or where the testing previously provided is considered insufficient on behalf of the Principal Contractor by a NATA accredited entity (where applicable).
 - ENG 24 Uncover all works covered prior to inspection to allow inspection by Council at Council's sole discretion.
 - ENG 25 Allow Council to enter a work site to which this approval relates and undertake testing or analysis of any part of the construction, and Council is not liable for the rectification of or compensation for any damage caused in the testing or analysis process. Should work be found to be not constructed to specification or of poor quality, any reasonable instruction given by Council Officers must be considered to be a condition of approval and undertaken by the Principal Contractor.
 - ENG 26 Where complete or incomplete works under this approval adversely affect adjoining properties, Council land, roads or other infrastructure, Council requires by notice, works to be completed.
- ENG 27 Undertake any works for the safety or health of the community or protection of infrastructure where Council deems it necessary.

MAINTENANCE

- ENG 28 Submit to Council, a written request to place constructed works on-maintenance or offmaintenance from the developer's certifying Engineer stating that all approved works have been completed and are ready for Council inspection.
- ENG 29 Pay to Council, a maintenance bond of 5% of the cost of the operational work as estimated or accepted by Council, prior to commencement of the on-maintenance period.
- ENG 30 Maintain all works that will become Council infrastructure for a period of 12 months (maintenance period) from commencement of the on-maintenance period. Undertake any necessary maintenance or repairs to non-conforming work, defects and/or damage to any works undertaken in relation to this approval, even where damage has resulted from a third party activity within the maintenance period.
- ENG 31 The maintenance bond will be entirely forfeited to Council should there be any failure by the applicant to undertake any such works considered by Council as necessary, to rectify any non-compliant works and to protect public safety. In the event that the bond is insufficient to address the non-compliant works, Council reserves the right to seek restitution. After expiration of the maintenance period and where required maintenance is

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suitably undertaken to Council's satisfaction, the bond will be returned accordingly, after the project is accepted off-maintenance.

- ENG 32 The on-maintenance period commences only when Council provides written confirmation that all of the following are completed:
 - (a) satisfactory completion of all works and conditions of Operational Work approval including associated Reconfiguring a Lot approval;
 - (b) provision of all necessary test and quality audit requirements;
 - (c) lodgement with Council, of certification from an RPEQ that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements;
 - (d) lodgement of a maintenance bond of 5% of the cost of the operational work as accepted by Council;
 - (e) submission of "As Constructed" data in the required format; and

AS CONSTRUCTED INFORMATION

- ENG 33 Submit to Council within 10 working days of completion of the operational work, suitable "As Constructed" drawings in hard copy and AutoCAD format and on GDA Zone 56 coordinates. The "As Constructed" drawings or data capture methods as required by Council must be certified by a Registered Professional Engineer of Queensland (RPEQ) on every drawing and shall be to an appropriate electronic format and standard as required by Council's Infrastructure Services General Manager.
- ENG 34 Provide "As Constructed" data for the following elements, where applicable: (a) water supply.

APPROVED PLANS

The approval is subject to construction being undertaken in accordance with the Approved Plans prepared by Morris Water as listed below:

Drawing No.	Rev	Drawing/Plan Title	Date
SBRC29.1-01 C Locality Plan and Drawing Schedules		Locality Plan and Drawing Schedules	6/04/2023
SBRC29.1-02	С	Notes, Legend and Survey Details	6/04/2023
SBRC29.1-03	С	General Arrangement Plan	6/04/2023
SBRC29.1-04	С	Detailed Layout Plan	6/04/2023
SBRC29.1-05	C	Connection Details and Schedules of Quantities	6/04/2023
SBRC29.1-06	C	Typical Trench Details and Project Quantities	6/04/2023
SBRC29.1-07	C	Safety in Design Plan	6/04/2023

ADVICE NOTES

The applicant be advised that:

- (a) Prior to commencement of the use or endorsement of the survey plan as applicable, the applicant shall contact Council's Compliance Senior Officer to arrange a Development Compliance Inspection.
- (b) The applicant must ensure compliance with environmental conditions whether required to hold an Environmental Authority or not. These include, but are not limited to water quality, air quality, noise levels, waste waters, lighting and visual quality as a result of any activity or by-product or storage of materials within the confines of the building(s) and property boundaries.

Any amendment, alteration or addition to the development approval will require further consideration by Council in assessing any changes to the environmental conditions.

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