

Cloncurry Shire Council

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Our ref: WES:AH - TP04/19

19 June 2019

Mitchell King
Curry Project Management on behalf of Cloncurry Shire Council
PO Box 361
CLONCURRY QLD 4824
Email: mitchellk@currypm.org

Dear Mitchell

DECISION NOTICE – DEVELOPMENT APPLICATION FOR MATERIAL CHANGE OF USE FOR A TRANSPORT DEPOT - (CONSTRUCTION OF HEAVY VEHICLE REST AREA), SIR HUDSON FYSH DRIVE, CLONCURRY - DEVELOPMENT PERMIT APPROVAL (WITH CONDITIONS)

(Given under section 63 of the *Planning Act 2016*)

The development application described below was properly made to the Cloncurry Shire Council on 28 May 2019.

Applicant details

Applicant name:	Curry Project Management on behalf of Cloncurry Shire Council
Applicant contact details:	Mitchell King PO Box 361 CLONCURRY QLD 4824

Application details

Application number:	TP 04/19
Approval sought:	Development Permit
Nature of development proposed:	Material Change of Use for a Transport depot
Details of proposed development:	Heavy vehicle rest area, access road and drainage improvements
Category of assessment:	Code Assessment

Location details

Street address:	Sir Hudson Fysh Drive, Cloncurry
Real property description:	Lot 96 on CP904803
Local government area:	Cloncurry Shire Council

Decision

Date of decision: 18 June 2019
Decision details: Approved in full with conditions. These conditions are set out in Attachment 1.

Details of the approval

Development permit: Material Change of Use – Transport depot

Conditions

This approval is subject to the conditions in Attachment 1.

Properly made submissions

Not applicable—No part of the application requires public notification.

Rights of appeal

The rights of applicants 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*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the *Planning Act 2016*).

A copy of the relevant appeal provisions is attached.

Currency period for the approval

This development approval will lapse unless substantially started at the end of the period set out in section 85 of *Planning Act 2016* which is 6 years after this approval starts to take effect.

Approved plans and specifications

Table 1 Supporting documentation/reports

Report/Plan/Drawing Number	Plan/Document Name	Date
M26000-014-C001	Locality Plan and Drawing Index	4 June 2019
M26000-014-C002	General Notes	4 June 2019
M26000-014-C100	Services and Key Plan	4 June 2019
M26000-014-C101	General Arrangement Plan (Sheet 1 of 2)	4 June 2019
M26000-014-C102	General Arrangement Plan (Sheet 2 of 2)	4 June 2019
M26000-014-C200	Typical Sections and Details (Sheet 1 of 4)	4 June 2019
M26000-014-C201	Typical Sections and Details (Sheet 2 of 4)	4 June 2019
M26000-014-C202	Typical Sections and Details (Sheet 3 of 4)	4 June 2019
M26000-014-C203	Typical Sections and Details (Sheet 4 of 4)	4 June 2019
M26000-014-C300	Longitudinal Sections (Sheet 1 of 6)	4 June 2019
M26000-014-C301	Longitudinal Sections (Sheet 2 of 6)	4 June 2019
M26000-014-C302	Longitudinal Sections (Sheet 3 of 6)	4 June 2019
M26000-014-C303	Longitudinal Sections (Sheet 4 of 6)	4 June 2019
M26000-014-C304	Longitudinal Sections (Sheet 5 of 6)	4 June 2019
M26000-014-C305	Longitudinal Sections (Sheet 6 of 6)	4 June 2019
M26000-014-C400	Pavement Plan (Sheet 1 of 2)	4 June 2019
M26000-014-C401	Pavement Plan (Sheet 2 of 2)	4 June 2019

Report/Plan/Drawing Number	Plan/Document Name	Date
M26000-014-C001	Locality Plan and Drawing Index	4 June 2019
M26000-014-C002	General Notes	4 June 2019
M26000-014-C500	Line Marking and Signage Plan (Sheet 1 of 2)	4 June 2019
M26000-014-C501	Line Marking and Signage Plan (Sheet 2 of 2)	4 June 2019
M26000-014-C600	Grading Work Plan (Sheet 1 of 2)	4 June 2019
M26000-014-C601	Grading Work Plan (Sheet 2 of 2)	4 June 2019
M26000-014-C701	Potholing Location (Sheet 1 of 2)	4 June 2019
M26000-014-C702	Potholing Location (sheet 2 of 2)	4 June 2019

For further information please contact Andrew Humpherys, Council's Senior Town Planner, on 4742 4100 or via email council@cloncurry.qld.gov.au who will be pleased to assist.

Yours faithfully



David Bezuidenhout
Chief Executive Officer

enc Attachment 1—Assessment manager conditions
Attachment 2 – Statement of Reasons
Attachment 3 - Appeal provisions
Attachment 4 - Approved plans and specifications

ATTACHMENT 1 – CONDITIONS OF APPROVAL

NATURE OF DECISION				
A Cloncurry Shire Council issues a development permit for Development application - Reference TP04/19 Material Change of Use for a Transport depot (Saleyard heavy vehicle rest area upgrade) under the <i>Planning Act 2016</i> .				
GENERAL				
1. Site Layout				
The development must generally comply with the approved proposal plans and design drawings as referenced in the table below, which forms part of this application, except as otherwise specified by any condition of this approval.				
Title	Plan Number	Rev/no	Date	Prepared by
Locality Plan and Drawing Index	M26000-014-C001	Rev.0	4 June 2019	Engeny Water Management
General Notes	M26000-014-C002	Rev.0	4 June 2019	Engeny Water Management
Services and Key Plan	M26000-014-C100	Rev.0	4 June 2019	Engeny Water Management
General Arrangement Plan (Sheet 1 of 2)	M26000-014-C101	Rev.0	4 June 2019	Engeny Water Management
General Arrangement Plan (Sheet 2 of 2)	M26000-014-C102	Rev.0	4 June 2019	Engeny Water Management
Typical Sections and Details (Sheet 1 of 4)	M26000-014-C200	Rev.0	4 June 2019	Engeny Water Management
Typical Sections and Details (Sheet 2 of 4)	M26000-014-C201	Rev.0	4 June 2019	Engeny Water Management
Typical Sections and Details (Sheet 3 of 4)	M26000-014-C202	Rev.0	4 June 2019	Engeny Water Management
Typical Sections and Details (Sheet 4 of 4)	M26000-014-C203	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 1 of 6)	M26000-014-C300	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 2 of 6)	M26000-014-C301	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 3 of 6)	M26000-014-C302	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 4 of 6)	M26000-014-C303	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 5 of 6)	M26000-014-C304	Rev.0	4 June 2019	Engeny Water Management
Longitudinal Sections (Sheet 6 of 6)	M26000-014-C305	Rev.0	4 June 2019	Engeny Water Management
Pavement Plan (Sheet 1 of 2)	M26000-014-C400	Rev.0	4 June 2019	Engeny Water Management
Pavement Plan (Sheet 2 of 2)	M26000-014-C401	Rev.0	4 June 2019	Engeny Water Management
Line Marking and Signage Plan (Sheet 1 of 2)	M26000-014-C500	Rev.0	4 June 2019	Engeny Water Management
Line Marking and Signage Plan (Sheet 2 of 2)	M26000-014-C501	Rev.0	4 June 2019	Engeny Water Management
Grading Work Plan (Sheet 1 of 2)	M26000-014-C600	Rev.0	4 June 2019	Engeny Water Management
Grading Work Plan (Sheet 2 of 2)	M26000-014-C601	Rev.0	4 June 2019	Engeny Water Management
Potholing Location (Sheet 1 of 2)	M26000-014-C701	Rev.0	4 June 2019	Engeny Water Management
Potholing Location (sheet 2 of 2)	M26000-014-C702	Rev.0	4 June 2019	Engeny Water Management
2. Compliance with conditions				
(a) All conditions must be complied with prior to the commencement of the use, unless specified in an individual condition.				
(b) The conditions of this development approval are to be read in conjunction with the approved plans /drawings/ documents at all times. Where a conflict occurs between the conditions of this approval and the approved plans / documents, the conditions of this development approval shall prevail.				
3. Erosion and Sediment Control				
An erosion and sediment control plan is to be prepared and submitted to Council for approval by Council's delegated officer, prior to the commencement of construction. Erosion and sediment control devices are to be established and maintained at all times during construction. Erosion and sediment control devices are to remain in place until disturbed areas are rehabilitated, and natural drainage paths reinstated. Spoil material from excavation activities is to be removed from the site or used to				

<p>rehabilitate and stabilise the final landform. The design and implementation of the erosion and sediment control plan must ensure that there is no movement of sediment-laden stormwater from the construction site.</p>
<p>4. Fencing Security fencing, suitable to prevent unauthorised persons entering the site, is to be installed and maintained around the perimeter of the Saleyards proposed work area.</p>
<p>5. Landscaping A Landscaping plan is to be submitted to Council for approval before commencement of works.</p>
<p>6. Storage Equipment Equipment and machinery are stored in appropriate areas so as not to cause a nuisance to existing neighbouring surrounds.</p>
<p>7. Waste Management A screened waste storage area in the vicinity of a hose cock for cleaning proposes for general waste and regulated waste are to be provided within the site at accessible locations to allow for collection and removal to approved facilities</p>
<p>8. Stormwater Drainage Prior to works commencing, (for any proposed filling or excavation) the applicant must submit to council a detailed stormwater drainage plan checked and certified by a RPEQ.</p>
<p>9. Noise Management Appropriate noise mitigation measures shall be put in place to contain and manage noise levels so as not to give rise to unacceptable effects on nearby sensitive receiving land uses.</p>
<p>10. Dust Management During construction and operation of the approved use, the operator is to put in place appropriate mitigation measures for the suppression of dust, so as not to cause a nuisance.</p>
<p>11. Works during construction (a) Unless otherwise approved in writing by the assessment manager, hours of construction must not exceed 8.00 am to 6.00pm (Monday to Saturday). (b) Unless otherwise approved in writing by an authorised council officer, work must not be conducted from or on the premises outside the above hours or on Sundays or public holidays.</p>
<p>12. Building works This Development Approval does not include an assessment of building work against the requirements of the <i>Building Act 1975</i> and does not permit building work to occur unless, prior to the commencement of any building work, a Development Permit to carry out assessable building work under the <i>Building Act 1975</i> has been issued.</p>
<p>ADVICE – Please note that these are not conditions</p>
<p>A. The Applicant is responsible for securing all necessary approvals, permits and tenure, providing statutory notifications and complying with all relevant laws. Nothing in this development approval alleviates the need for the Applicant to comply with all relevant Local, State and Commonwealth laws and to ensure appropriate tenure arrangements have been made where the use of/reliance upon land other than that owned by the Applicant is involved. Without limiting this obligation, the Applicant is responsible for:</p> <p>(a) Obtaining all other/further necessary approvals, licences, permits, resource entitlements etc by whatever name called (this may include further development approvals under the “<i>Planning Act 2016</i>” and the planning scheme) required by law before the development the subject of this approval can be lawfully commenced and to carry out the activity for its duration;</p>

- (b) Providing any notifications required by law (by way of example only, to notify the administering authority pursuant to the “*Environmental Protection Act 1994*” of environmental harm being caused/threatened by the activity, and upon becoming aware the premises is being used for a ‘notifiable activity’); and
- (c) Ensuring the correct siting of structures on the land. An identification survey demonstrating correct siting and setbacks of structures may be requested of the Applicant to ensure compliance with this decision notice and applicable codes.

B. Indigenous Cultural Heritage Legislation and Duty of Care Requirement

The “*Aboriginal Cultural Heritage Act 200*” (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:

- (d) Is not negated by the issuing of this development approval;
- (e) Applies on all land and water, including freehold land;
- (f) Lies with the person or entity conducting an activity; and
- (g) 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 Applicant should contact NRW’s Cultural Heritage Coordination Unit on (07) 3238 3838 for further information on the responsibilities of developers under the ACHA.

C. Limitation of Approval

The Council and its officers make no representations and provide no warranties as to the accuracy of the information contained in the development application including its supporting material provided to it by the Applicant.

The Council and its officers rely upon the applicant concerning the accuracy and completeness of the application and its supporting material and accepts the development application and supporting material as constituting a representation by the applicant as to its accuracy and completeness.

ATTACHMENT 2 – STATEMENT OF REASONS – TP 04/19

NOTICE ABOUT DECISION - STATEMENT OF REASONS

The following information is provided in accordance with section 63(5) of *the Planning Act 2016*

Details of the Development

The proposed development is for a Material Change of Use for a Transport depot (Saleyard Heavy Vehicle Rest Area) at Sir Hudson Fysh Drive, Cloncurry described as Lot 96 on CP904803.

On 18 June 2019, the above development application was approved in full, with conditions.

Reasons for the decision

The development application seeking a development permit for Material Change of Use for a Transport depot (Saleyard Heavy Vehicle Rest Area) is code assessable under the planning scheme. The proposal will permit the dedicated use of the site for truck parking and a rest area for truck drivers.

A detailed assessment of the application by Council assessing officers has been undertaken and it is concluded as documented in the statements against the applicable benchmarks that the applicant has satisfactorily demonstrated compliance with the relevant codes of the *Cloncurry Shire Planning Scheme 2016* to enable Council to support the proposed development in granting its approval, subject to reasonable and relevant conditions being imposed. Appropriate conditions have been included to ensure that relevant code requirements are implemented.

Chapter 6 Dispute resolution

Part 1 Appeal rights

229 Appeals to tribunal or P&E Court

- (1) Schedule 1 states—
 - (a) matters that may be appealed to—
 - (i) either a tribunal or the P&E Court; or
 - (ii) only a tribunal; or
 - (iii) only the P&E Court; and
 - (b) the person—
 - (i) who may appeal a matter (the *appellant*); and
 - (ii) who is a respondent in an appeal of the matter; and
 - (iii) who is a co-respondent in an appeal of the matter; and
 - (iv) who may elect to be a co-respondent in an appeal of the matter.
 - (2) An appellant may start an appeal within the appeal period.
 - (3) The *appeal period* is—
 - (a) for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
 - (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
 - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or
 - (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
 - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
 - (f) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.
- Note—*
See the P&E Court Act for the court's power to extend the appeal period.
- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
 - (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
 - (6) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
 - (7) A person elects to be a co-respondent by filing a notice of election, in the approved form, within 10 business days after the notice of appeal is given to the person.
 - (8) Despite any other Act or rules of court to the contrary, a copy of a notice of appeal may be given to the chief executive by emailing the copy to the chief executive at the email address stated on the department's website for this purpose.

231 Other appeals

- (1) Subject to this chapter, schedule 1 and the P&E Court Act, unless the Supreme Court decides a decision or other matter under this Act is affected by jurisdictional error, the decision or matter is non-appealable.
- (2) The *Judicial Review Act 1991*, part 5 applies to the decision or matter to the extent it is affected by jurisdictional error.
- (3) A person who, but for subsection (1) could have made an application under the *Judicial Review Act 1991* in relation to the decision or matter, may apply under part 4 of that Act for a statement of reasons in relation to the decision or matter.
- (4) In this section—
 - (a) conduct engaged in for the purpose of making a decision; and
 - (b) other conduct that relates to the making of a decision; and
 - (c) the making of a decision or the failure to make a decision; and
 - (d) a purported decision; and
 - (e) a deemed refusal.

non-appealable, for a decision or matter, means the decision or matter—

- (a) is final and conclusive; and
- (b) may not be challenged, appealed against, reviewed, quashed, set aside or called into question in any other way under the *Judicial Review Act 1991* or otherwise, whether by the Supreme Court, another court, any tribunal or another entity; and
- (c) is not subject to any declaratory, injunctive or other order of the Supreme Court, another court, any tribunal or another entity on any ground.

232 Rules of the P&E Court

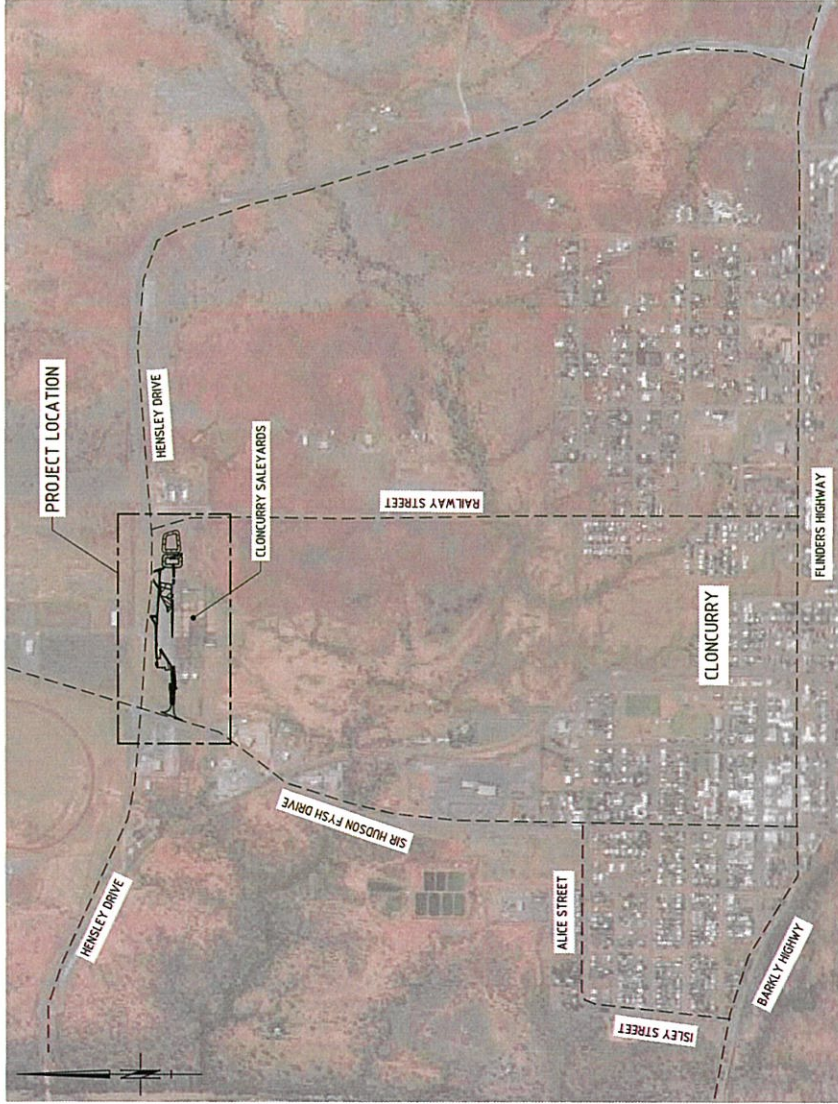
- (1) A person who is appealing to the P&E Court must comply with the rules of the court that apply to the appeal.
- (2) However, the P&E Court may hear and decide an appeal even if the person has not complied with rules of the P&E Court.

ATTACHMENT 4 – APPROVED PLANS

CLONCURRY SHIRE COUNCIL CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE

Cloncurry Shire Council
Town Planning
Approved with Conditions

Approved Date: ...18 JUN 2019.....
TP 04 / 19



LOCALITY PLAN (IMAGE: QUEENSLAND GLOBE)
SCALE 1:10000

DRAWING No.	DRAWING TITLE
M26000-014-C001	LOCALITY PLAN AND DRAWING INDEX
M26000-014-C002	GENERAL NOTES
M26000-014-C100	SERVICES AND KEY PLAN
M26000-014-C101	GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2
M26000-014-C102	GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2
M26000-014-C200	TYPICAL SECTIONS AND DETAILS - SHEET 1 OF 4
M26000-014-C201	TYPICAL SECTIONS AND DETAILS - SHEET 2 OF 4
M26000-014-C202	TYPICAL SECTIONS AND DETAILS - SHEET 3 OF 4
M26000-014-C203	TYPICAL SECTIONS AND DETAILS - SHEET 4 OF 4
M26000-014-C300	LONGITUDINAL SECTIONS - SHEET 1 OF 7
M26000-014-C301	LONGITUDINAL SECTIONS - SHEET 2 OF 7
M26000-014-C302	LONGITUDINAL SECTIONS - SHEET 3 OF 7
M26000-014-C303	LONGITUDINAL SECTIONS - SHEET 4 OF 7
M26000-014-C304	LONGITUDINAL SECTIONS - SHEET 5 OF 7
M26000-014-C305	LONGITUDINAL SECTIONS - SHEET 6 OF 7
M26000-014-C306	LONGITUDINAL SECTIONS - SHEET 7 OF 7
M26000-014-C400	PAVEMENT PLAN - SHEET 1 OF 2
M26000-014-C401	PAVEMENT PLAN - SHEET 2 OF 2
M26000-014-C500	LINE MARKING AND SIGNAGE PLAN - SHEET 1 OF 2
M26000-014-C501	LINE MARKING AND SIGNAGE PLAN - SHEET 2 OF 2
M26000-014-C600	GRADING WORK PLAN - SHEET 1 OF 2
M26000-014-C601	GRADING WORK PLAN - SHEET 2 OF 2
M26000-014-C701	POTHOLING LOCATION - SHEET 1 OF 2
M26000-014-C702	POTHOLING LOCATION - SHEET 2 OF 2
STANDARD DRAWINGS	
DRAWING No.	DRAWING TITLE
TMR SD 1033	KERBS, CHANNELS AND RAMPED VEHICULAR CROSSING

LEGEND - EXISTING

	EXISTING OVERHEAD POWERLINES
	EXISTING TELSTRA SERVICE
	UNDERGROUND WATER
	UNDERGROUND POWERLINE
	EXISTING FENCE
	EXISTING BOUNDARY
	WATER FLOW DIRECTION
	EXISTING SEALED ROAD EDGE
	EXISTING UNSEALED DRIVEWAY EDGE
	EXISTING CONTOUR (0.1m MNN, 0.5m MAJ)
	EXISTING BUILDING OUTLINE
	EXISTING SIGNAGE
	SPRINKLER BOX
	ELECTRICAL BOX
	LIGHT POLE

LEGEND - DESIGN

	EXTENT OF EARTH WORKS
	NEW HEAVY VEHICLE PAVEMENT
	HEAVY VEHICLE PAVEMENT RAISE ONLY
	CONCRETE INVERT
	RESEALING
	DESIGN CONTOUR (0.1m MNN, 0.5m MAJ)
	GUIDE POST
	SIGNAGE
	NEW CATTLE YARD FENCE
	TMR STANDARD RURAL FENCE



This drawing is confidential and shall only be used by Engeny's Client for which it was prepared.

No.	BY	DATE	ISSUED FOR CONSTRUCTION	REGION
0	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
1	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
2	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
3	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
4	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
5	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
6	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
7	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
8	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
9	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION
10	SA	24/04/19	ISSUED FOR CONSTRUCTION	REGION



Ph: 07 32271714
Level 7
55 Brisbane QLD
Australia
www.engeny.com.au

FOR CONSTRUCTION			
RECORDED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	L:6:19
RFQD	T. RANDELL	RFQD No.	19090

CLONCURRY SHIRE COUNCIL	
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE LOCALITY PLAN AND DRAWING INDEX	
Sheet No. A1	Total No. M26000-014-C001
Rev. 0	

GENERAL NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS WITH WHICH OTHER WRITTEN INSTRUMENTS OF SERVICE SHALL BE ISSUED DURING THE COURSE OF CONSTRUCTION. ANY DISCREPANCY OR VARIATION SHALL BE REFERRED TO THE CLONCURRY SHIRE COUNCIL (CSC) REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
- THE DRAWINGS ARE A DIAGRAMMATIC REPRESENTATION OF THE WORK TO BE CARRIED OUT ONLY AND DIMENSIONS SHALL NOT BE OBTAINED BY SCALING. ALL LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCHMARKS ONLY. DATUM FOR ALL DRAWINGS IS AUSTRALIAN HEIGHT DATUM (AHD). THE CONTRACTOR SHALL SET OUT ALL WORKS FROM THE NOMINATED BENCH MARKS.
- BEFORE ANY OF THE GIVEN SURVEY MARKS ON THE BASE LINES OR THE VARIOUS CONTROL LINES ARE AFFECTED BY THE WORKS, THE CONTRACTOR SHALL TRANSFER SUCH SURVEY MARKS TO SIDE POSITIONS CLEAR OF OPERATIONS AND SHALL NOTE, AND INFORM THE CSC IN WRITING, OF THE EXTENT OF SUCH MOVEMENT.
- THE CONTRACTOR SHALL GIVE THE CSC NOT LESS THAN TWO FULL WORKING DAYS' NOTICE OF INTENTION TO PERFORM ANY PORTION OF THE RELOCATION OF SURVEY CONTROL, ESTABLISHMENT OF RECOVERY PEGS, OR SETTING OUT OR MOVING OF ANY OTHER SURVEY CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK BY THE CSC, IF SUCH INSTRUMENTS ARE DAMAGED OR DESTROYED BY THE WORK OF THE CSC. NO SUCH INSTRUMENTS SHALL BE USED FOR CHECKING THE CONTROL.
- ALL PEGS AND PROFILES PLACED BY THE CONTRACTOR SHALL BE REMOVED ON COMPLETION OF WORK UNLESS OTHERWISE DIRECTED BY CSC.
- MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT STANDARDS OF THE STANDARDS ASSOCIATION OF AUSTRALIA.
- ALL TESTING AND SURVEY AS REQUIRED BY THE TECHNICAL SPECIFICATIONS SHALL BE ARRANGED AND CARRIED OUT BY THE CONTRACTOR AND ALL TEST RESULTS AND SURVEY RECORDS MADE AVAILABLE TO THE CSC. THE COST OF ALL SUCH TESTING AND SURVEY SHALL BE BORNE BY THE CONTRACTOR.
- THE MINIMUM FREQUENCY OF TESTING AND SURVEY SHALL BE IN ACCORDANCE WITH TECHNICAL SPECIFICATION.
- THE PRINCIPAL WILL NOT BE RESPONSIBLE FOR THE SAFE-KEEPING OF ANY OF THE CONTRACTOR'S PLANT, EQUIPMENT, TOOLS, MATERIALS OR OTHER PROPERTY. THE CONTRACTOR SHALL PROVIDE AND PAY FOR, ANY SECURITY FENCING CONSIDERED NECESSARY AROUND ANY OFFICE, WORKSHOP OR STORAGE AREA, SUBJECT TO THE CSC'S APPROVAL.
- IF EXISTING FENCING IS CUT OR ALTERED BY THE CONTRACTOR, OR IF THERE IS NO EXISTING SITE FENCING, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING TO THE SATISFACTION OF THE CSC DURING THE CONTRACT TO PREVENT UNAUTHORISED ENTRY INTO THE PROPERTY, AND SHALL RENAISSANCE THE FENCING AND REMOVE TEMPORARY FENCING ON COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL ERECT APPROPRIATE REGULATORY, HAZARD, EMERGENCY INFORMATION AND FIRE SIGNS, IN ACCORDANCE WITH AS1319 SAFETY SIGNS FOR WORKING AREAS AND TEMPORARY SITE FACILITIES. SIGNS SHALL INCLUDE, BUT ARE NOT LIMITED TO: MANDATORY SITE FACILITIES, PERSONAL PROTECTIVE EQUIPMENT SUCH AS EYE, HEAD AND FOOT PROTECTION, AND DANGER SIGNS SUCH AS "DANGER, CONSTRUCTION SITE. NO UNAUTHORISED ACCESS" - ALL WORDS ON WORD-MESSAGE SIGNS SHALL BE APPROVED BY THE CSC PRIOR TO SIGN MANDATORY OR PURCHASE.
- CONSTRUCTION WORK CARRIED OUT UNDER THIS CONTRACT ADJACENT TO OR ADJOINING EXISTING WORKS, SHALL MAKE SMOOTH JOINTS WITH THE EXISTING WORK.
- NO CLEARING WORKS SHALL COMMENCE PRIOR TO APPROVAL FROM CSC, WHICH SHALL BE ARRANGED BY THE CONTRACTOR. ALL FELLEED TREES SHALL BE CHIPPED AND STOCKPILED ON-SITE AS DIRECTED BY CSC.
- DIVERSION OF WATER AND THE PROTECTION OF WORKS IS THE CONTRACTORS RESPONSIBILITY.
- NO NOISE OR SMOKE OR OTHER NUISANCE, WHICH IN THE OPINION OF THE CSC IS UNNECESSARY OR EXCESSIVE SHALL BE PERMITTED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORKS UNDER THIS CONTRACT. SHOULD WORK OUTSIDE DURING SUCH PERIOD, ANY PLANT, MACHINERY OR EQUIPMENT WHICH IN THE OPINION OF THE CSC IS CAUSING OR IS LIKELY TO CAUSE A NUISANCE TO THE PUBLIC.
- THE CONTRACTOR SHALL ENSURE THAT FUGITIVE DUST FROM DISTURBED AREAS IS MINIMISED BY A METHOD APPROVED BY THE CSC.
- GROUND VIBRATION LEVELS, TRANSMITTED FROM OPERATING ITEMS OF PLANT IN THE VICINITY OF PREMISES, SHALL NOT EXCEED LEVELS THAT ARE CLOSE TO THE LOWER LEVEL OF HUMAN PERCEPTION INSIDE THE PREMISE NOR WILL CAUSE STRUCTURAL DAMAGE TO THE BUILDING. PRACTICES AND VIBRATION THRESHOLDS SHOULD BE DETERMINED IN ACCORDANCE WITH CURRENT STATUTORY REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AND COMPENSATION PAYMENTS AS A RESULT OF NON-OBSERVANCE OF THE ABOVE REQUIREMENTS. NO CLAIM BY THE CONTRACTOR WILL BE CONSIDERED BY THE PRINCIPAL.
- THE CONTRACTOR MUST ENSURE CSC APPROVAL OF MATERIALS PRIOR TO DELIVERY TO SITE.
- EXPLORE ALL EXISTING SERVICES WITHIN THE SITE IN ENOUGH LOCATIONS TO DETERMINE THEIR POSITIONS AND LEVELS PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK.
- ALL WASTE OR DISPOSED MATERIALS SHALL BE DISPOSED OFF SITE TO AN

APPROVED SITE. ALL FEES AND CHARGES SHALL BE INCLUDED IN THE CONTRACT SUM.

- THE CONTRACTOR SHALL SUPPLY THE CSC WITH FULLY MARKED-UP AND CERTIFIED WORKS AS-EXECUTED DRAWINGS FOR THE WHOLE OF THE CONTRACT PRIOR TO ISSUE OF THE FINAL CERTIFICATE. PRINTS OR REPRODUCTIONS OF THE CONTRACT DRAWINGS WILL BE SUPPLIED BY THE PRINCIPAL FREE OF CHARGE FOR THIS PURPOSE.
- WORKS-AS-EXECUTED DRAWINGS FOR WORKS SHALL SHOW IN RED INK ALL CHANGES TO THE CONTRACT DRAWINGS AND ACTUAL VALUES OF ALL LEVELS SHOWN ON THE DRAWINGS. THE DRAWINGS SHALL BE SIGNED BY A SURVEYOR AND CERTIFIED BY THE CONTRACTOR.
- ALL DIMENSIONS IN METRES UNDO.

SEDIMENT AND EROSION CONTROL NOTES

- CONSTRUCTION IS TO BE PROGRAMMED TO PROVIDE INSTALLATION OF PERIMETER LANDSCAPING/SURFACE TREATMENTS AS EARLY AS PRACTICAL.
- THE CONTRACTOR IS RESPONSIBLE FOR PROGRAMMING WORKS SO THAT SATISFACTORY EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE AND MAINTAINED AT ALL TIMES.
- A PHOTOGRAPHIC RECORD OF SEDIMENT AND EROSION CONTROL DEVICES AND THE IMMEDIATE DOWNSTREAM STORMWATER SYSTEM IS TO BE CARRIED OUT ON A FORTNIGHTLY CYCLE AND AFTER EACH MAJOR STORM EVENT, CARRY OUT CORRECTIVE AND PREVENTATIVE ACTION AS REQUIRED.
- PUBLIC & WORKPLACE SAFETY ISSUES MUST BE CONSIDERED AND MONITORED FOR EACH DEVICE TO THE SATISFACTION OF THE SUPERINTENDENT.
- WOVEN FABRICS ARE TO BE USED FOR SEDIMENT FENCE FILTER FABRIC.
- SEDIMENTATION MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND MAINTAINED AT A SUITABLE LEVEL THROUGHOUT CONSTRUCTION. DEVICES TO BE MAINTAINED AND CLEANED OUT WHEN CAPACITY IS REDUCED BY 20%. DOWNSTREAM FLOW PROTECTION IS TO BE CLEANED FOLLOWING EACH SIGNIFICANT RUNOFF PRODUCING STORM.
- APPROVAL IS TO BE OBTAINED FROM CLONCURRY SHIRE COUNCIL FOR THE SITE ACCESS CONTROL AND WASH-DOWN AREA WHICH IS TO BE MAINTAINED THROUGHOUT CONSTRUCTION. ACCESS TO AND FROM THE SITE IS TO BE THROUGH THE WASH-DOWN FACILITY ONLY. ALL VEHICLES ARE TO BE WASHED DOWN PRIOR TO LEAVING THE SITE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE CONTROL TO DIVERT FLOW FROM UNDISTURBED AREAS AROUND DISTURBED AREAS AND DIRECT FLOW FROM DISTURBED AREAS TOWARD CONTROL DEVICES.
- PONDED RAINFALL SHALL BE PUMPED THROUGH A SEDIMENT FENCE LOCATED ON THE SITE BEFORE DISCHARGING INTO THE DOWNSTREAM STORMWATER SYSTEM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL DEVICES. ALL DEVICES ARE TO BE INSPECTED AT LEAST WEEKLY AND AFTER SIGNIFICANT RUNOFF PRODUCING STORMS.
- IF EROSION AND SEDIMENT CONTROL DEVICES HAVE BEEN FOUND TO BE DEFICIENT OR FAILED IN SERVICE DUE TO UNFORESEEN CIRCUMSTANCES, CORRECTIVE ACTION IS TO BE UNDERTAKEN BY THE CONTRACTOR IMMEDIATELY WHICH MAY INCLUDE AMENDMENTS/ADDITIONS TO THE ORIGINAL EROSION CONTROL PLANS. SUCH AMENDMENTS OR AMENDMENTS ARE TO BE APPROVED BY THE SUPERINTENDENT.
- STRAW BALES USED IN SEDIMENT DEVICES ARE TO BE REPLACED AFTER A MAXIMUM SERVICE PERIOD OF 6 WEEKS.
- SEDIMENTATION MANAGEMENT DEVICES ARE TO BE MAINTAINED BY THE CONTRACTOR AS NOTED AND DETAILED. UNTIL APPROVAL HAS BEEN GRANTED BY THE ENGINEER FOR THEIR REMOVAL, THE CONTRACTOR IS TO REMOVE AND DISPOSE OF THESE DEVICES OFF SITE.
- TREE PROTECTION IS INDICATIVE ONLY. TREE PROTECTION IS TO BE DIRECTED BY SUPERINTENDENT ON SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING SEDIMENT AND EROSION DEVICES/ FENCES TO ACCOMMODATE EARTHWORKS AS AND WHEN REQUIRED. THE LOCATION OF THE SEDIMENT AND EROSION CONTROL DEVICES ARE INDICATIVE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO SPECIFICALLY LOCATE, THEN ENSURE SEDIMENT IS NOT WASHED DOWNSTREAM.
- EROSION CONTROL MATTING IS TO BE INSTALLED, REMOVED AND RENAISSANCE AS REQUIRED TO ENSURE THAT BATTERS ARE PROTECTED AT ALL TIMES WHEN THEY ARE NOT BEING WORKED ON.
- ALL OPEN DRAINS ARE TO BE TURTLED IN ACCORDANCE WITH CSC REQUIREMENTS AS SOON AS PRACTICAL, AFTER THE OPEN DRAIN IS COMPLETED.

LINEMARKING AND SIGNAGE NOTES

- ALL ROAD SIGNS AND UNMARKING TO BE IN ACCORDANCE WITH AS4540.1 AND AS LINEMARKING TO BE USED FOR STREETS, DRIVEWAYS, CYCLES, THERMOPLASTIC ARROWS UNLESS DIRECTED BY THE COUNCIL ENGINEER.
- ALL SIGNS ARE TO BE SIZE "A" UNLESS NOTED OTHERWISE.
- DIMENSIONS TO LINEMARKING ARE MEASURED FROM THE NORMAL KERB AND CHANNEL LINER AND OR FROM THE NORMAL KERB FACE OF THE ISLAND AND MEDIANS.
- INSTALL OR RENAISSANCE VALVE AND HYDRANT IDENTIFICATION MARKERS IN ACCORDANCE WITH THE SEQ STANDARD DRAWING SEQ-WAT-1306-1.
- SUPERSEDED LINEMARKING AND SIGNAGE IS TO BE REMOVED.

EARTHWORKS NOTES

- STRIP THE CONSTRUCTION AREA OF ALL GRASS, SHRUBS, RUBBISH, DELETERIOUS MATERIAL, UNSUITABLE TOPSOIL AND ALL UNCONTROLLED FILL MATERIAL, AS NOMINATED BY THE ENGINEER. DISPOSE OF ALL SUCH FILL OFF SITE.
- TOPSOIL AND UNCONTROLLED FILL APPROVED BY THE ENGINEER FOR REUSE, IS TO BE STOCKPILED ON SITE AS DIRECTED BY THE ENGINEER.
- BULK EARTHWORKS IS TO BE CARRIED OUT IN ACCORDANCE WITH LEVEL 1 GEOTECHNICAL TESTING AND TESTING AS PER THE REQUIREMENTS OF AS3780. GEOTECHNICAL SUPERVISION OF EARTHWORKS IS TO BE CARRIED OUT IN ACCORDANCE WITH THE EARTHWORKS SPECIFICATION BY A N.A.T.A. REGISTERED GEOTECHNICAL TESTING AUTHORITY AT THE CONTRACTORS COST. THE CONTRACTOR SHALL PROVIDE DETAILS OF ALL TESTING TO THE ENGINEER PROGRESSIVELY THROUGH THE WORKS AND NOTIFY THE ENGINEER OF ANY NON-COMPLIANCES. ALL NON CONFORMING WORK IS TO BE RECTIFIED AS DIRECTED BY THE ENGINEER.
- THE FILL AREA OPERATIONS AND IN THE PRESENCE OF THE ENGINEER, PROOF ROLL THE FILL AREA TO BE REMOVED SOFT AND OR COMPRESSIBLE ZONES AND REPLACE WITH SELECT SITE MATERIAL COMPACTED TO A DENSITY CONSISTENT WITH THAT DESCRIBED FOR PROPOSED FILLING ABOVE.
- INSITU CLAY / CHALKY SAND SOILS SHALL NOT BE USED AS STRUCTURAL FILL. SUITABLE FOR REUSE AS FILL MATERIAL APART FROM ANY OVERSIZE MATERIAL. SUITABLE MATERIALS FOR FILLING SHOULD HAVE A MAXIMUM PARTICLE SIZE NOT EXCEEDING 75mm. OVERSIZE MATERIAL IS TO BE EITHER CRUSHED TO A PARTICLE SIZE d_{75} 75mm FOR REUSE AS FILL MATERIAL OR DISPOSED OF OFF SITE.
- PLACE GENERAL FILL IN LAYERS OF LOOSE THICKNESS APPROPRIATE TO THE TYPE OF COMPACTATION EQUIPMENT BEING USED AND NOT GREATER THAN 250mm. COMPACT EACH FILLING LAYER TO THE 95% STANDARD MAXIMUM DRY DENSITY SPECIFIED. THE MOISTURE CONTENT OF FILL MATERIAL SHOULD BE MAINTAINED WITHIN THE RANGE OF -1% TO +2% OF THE OPTIMUM MOISTURE CONTENT.
- EARTHWORKS PROFILES ARE TO BE TRANSITIONED UNFORMLY BETWEEN PRESCRIBED SECTIONS.
- FOLLOWING COMPLETION OF BULK EARTHWORKS OPERATIONS, THE CONTRACTOR IS TO NOTIFY THE ENGINEER. THE FINISHED SURFACE IS TO BE PROOF ROLLED IN THE PRESENCE OF THE ENGINEER PRIOR TO TOPSOILING.
- STOCKPILED TOPSOIL IS TO BE SPREAD TO AN EVEN 100mm THICKNESS OVER ALL BATTERS AND SURROUNDING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS TO DISPOSE OF EXCESS TOPSOIL OFF SITE. ALL DISTURBED AREAS ARE TO BE GRASS SEED TO ACHIEVE 80% GRASS COVER. SEED MIXTURE: 10% IS TO BE GRASS SEED TO ACHIEVE 80% GRASS COVER. SEED MIXTURE: 90% IS TO BE GRASS SEED TO ACHIEVE 80% GRASS COVER.
- IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT THE SITE AND SURROUNDING AREAS FROM DAMAGE RESULTING FROM STORMWATER RUNOFF. TEMPORARY DIVERSION DAMS AND OR OTHER DRAINAGE CONTROL DEVICES ARE TO BE IMPLEMENTED BY THE CONTRACTOR DURING CONSTRUCTION TO MINIMISE THE EFFECTS OF THE WORKS ON SURROUNDING AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CONTRACTORS NEIGHBOURAGE IN NOT PROVIDING ADEQUATE PROTECTION.
- IMPROVED STRUCTURAL FILL MATERIAL IF ORDERED, SHALL BE LOW PLASTICITY CHERRY GRAVEL FILL HAVING THE FOLLOWING CHARACTERISTICS:

CBR	15% MIN
PLASTICITY INDEX	15% MAX
% PASSING 75mm SIEVE	100% MIN
% PASSING 150mm SIEVE	80% MIN
LIQUID LIMIT	45% MAX
SHRINK/SWELL INDEX	1% MAX

ROADWORKS NOTES

- GEOTECHNICAL TESTING FOR PAVEMENT CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH CSC REQUIREMENTS. TEST CERTIFICATES ARE TO BE PREPARED BY A REGISTERED N.A.T.A. LABORATORY AT THE CONTRACTORS COST AND SHALL BE PROVIDED TO THE ENGINEER PROGRESSIVELY THROUGH THE WORKS. THE CONTRACTOR IS TO NOTIFY THE ENGINEER OF ANY NON-COMPLIANCES. ALL NON CONFORMING WORK IS TO BE RECTIFIED AS DIRECTED BY THE ENGINEER.
- PAVEMENT THICKNESSES NOMINATED ON THESE DRAWINGS ARE PROVISIONAL ONLY AND MAY BE VARYED BY THE SUPERINTENDENT SUBJECT TO INSTANT PAVEMENT TESTING. PAVEMENT SUBGRADES ARE TO BE INITIALLY CONSTRUCTED TO THE UNDERSOLES OF THE NOMINATED PAVED SURF COURSE WITHIN FILL AREAS. INSITU SUBGRADE CBR TESTING AS REQUIRED BY CSC FOR PAVEMENT DESIGN. VERIFICATION IS TO BE CARRIED OUT AT THESE LEVELS.
- REPAIR ANY DAMAGE TO EXISTING KERB AND CHANNEL, FOOTPATH OR ROADWAY INCLUDING REMOVAL OF CONCRETE SLURRY FROM FOOTWAYS, ROADS, KERB AND CHANNEL AND STORMWATER GULLIES AND SUBDRAINS THAT MAY OCCUR DURING ANY WORKS CARRIED OUT.

SETOUT NOTES

- CO-ORDINATE SETOUT PROVIDED ON THESE DRAWINGS ARE BASED FROM A SURVEYS PICK UP SHOWN ON DETAIL SURVEY DRAWING DATED 2010 & 02.20.18.
- THE LEVEL DATUM FOR WORKS IS AND AUSTRALIAN HEIGHT DATUM.

STORMWATER DRAINAGE NOTES:

- ALL REINFORCED CONCRETE PIPES AND FIBRE REINFORCED CONCRETE PIPES ARE TO BE CLASS 4 UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL REINFORCED CONCRETE BOX CULVERTS AND LINK SLABS TO COMPLY WITH PRESTZL.
- ALL DRAINAGE IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS UNDO.
- EXCAVATION, BEDDING AND BACK FILLING OF DRAINAGE PIPES AND CULVERTS IS TO BE IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS.
- MINIMUM HS2 BEDDING TO PIPES
- SUBSURFACE DRAINAGE TO BE IN ACCORDANCE WITH IPWEAG STANDARD DRAWING RS-140 & RS-142.
- STORMWATER PIPE MEASUREMENTS ARE TO CENTRE OF PITS UNLESS NOTED OTHERWISE ON THE DRAWINGS.

CONCRETE NOTES

- MATERIALS AND WORKMANSHIP SHALL COMPLY WITH AS1579, AS3600 AND AS3610. PRODUCT ASSESSMENT OF STRENGTH IN ACCORDANCE WITH AS3600 SHALL BE OBTAINED FOR CONCRETE AND TESTING CONTRACTOR SHALL PAY ALL COSTS.
- ALL JOINTS ARE TO BE SEALED JUST PRIOR TO HANDOVER WITH DOW CORNING 888 SEALANT INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- JOINTS ARE TO BE INSPECTED AND SEALANT REGULARLY REPLACED IF REQUIRED.
- DIMENSIONAL TOLERANCES OF AS3600, MODIFIED BY AS2670, SHALL APPLY UNLESS OTHERWISE NOTED. SLAB SURFACE FLATNESS TOLERANCE SHALL BE 5mm MAXIMUM DEVIATION FOR A 3m STRAIGHT EDGE.
- CONCRETE PAVEMENTS ARE TO BE BROOM FINISHED. SLAB THICKNESSES NOTED ARE EXCLUSIVE OF APPLIED FINISHES.
- ALL CONCRETE BY AN APPROVED METHOD FOR 7 DAYS AFTER HARDENING. PVA AND RESIN BASED CURING COMPOUNDS SHALL NOT BE USED.

THE CONSTRUCTION SEQUENCE SHALL FOLLOW THE STEPS SET OUT BELOW:

- OBTAIN ALL NECESSARY PERMITS, LICENCES AND APPROVALS BEFORE SITE ESTABLISHMENT.
- SCHEDULE AND HOLD A PRECONSTRUCTION CONFERENCE.
- STABILISE THE CONSTRUCTION AREA AND ENTRY/EXIT POINTS.
- ESTABLISH SEDIMENT CONTROL STRUCTURES, CLEARING ONLY THAT AREA NECESSARY TO GAIN ACCESS TO THE LOCATION OF THE SEDIMENT CONTROL MEASURES.
- ESTABLISH AND STABILISE TEMPORARY DRAINAGE CONTROL MEASURES, INCLUDING DIVERSION CHANNELS AND ENERGY DISSIPATION AREAS.
- WHERE POSSIBLE, ESTABLISH THE PERMANENT DRAINAGE SYSTEM CLEANING DIVERSIONS TO ALLOW THE PERMANENT STORMWATER SYSTEM TO TRANSPORT EITHER CLEAN UPSLOPE WATER, OR ON-SITE SEDIMENT-LADEN STORMWATER, DEPENDING ON THE INTENDED USE OF THE SYSTEM DURING THE CONSTRUCTION PHASE (IN SOME CASES THE PIPE NETWORK MAY BE USED TO TRANSPORT SEDIMENT-LADEN WATER TO A SEDIMENT BASIN IF REQUIRED).
- CLEAR THE SITE AND STOCKPILE TOPSOIL.
- GRADE THE SITE AND CONSTRUCT TEMPORARY WORKS.
- PROGRESSIVELY INST ALL AND MAINTAIN TEMPORARY AND SEDIMENT DRAINAGE CONTROL MEASURES AND EROSION CONTROL TO EXPOSED AREAS WHEN EARTHWORKS ARE COMPLETED OR IF CONSTRUCTION DELAYS ARE EXPECTED.

Cloncurry Shire Council
Town Planning
Approved with Conditions

Approved Date: 18 JUN 2019
TP 04 / 19

FOR CONSTRUCTION		DESIGNED	DC	CHECKED	TR
		DRAWN	SA	CHECKED	HT
		APPROVED	TR	DATE	0.6.19
		ISSUED	T. RANDELL	RFEG No.	19189
Name		FOR CONSTRUCTION			
Ph: 07 12071715		www.englishwater.com.au			
Level 7, 65 Brisbane Blvd		www.englishwater.com.au			
Water Management		www.englishwater.com.au			
English		www.englishwater.com.au			
Water Management		www.englishwater.com.au			
SA	04.06.19	ISSUED FOR CONSTRUCTION			
BY	DATE	REVISION			
NO		APPD	REFERENCE DOCUMENTS		
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CLONCURRY SHIRE COUNCIL

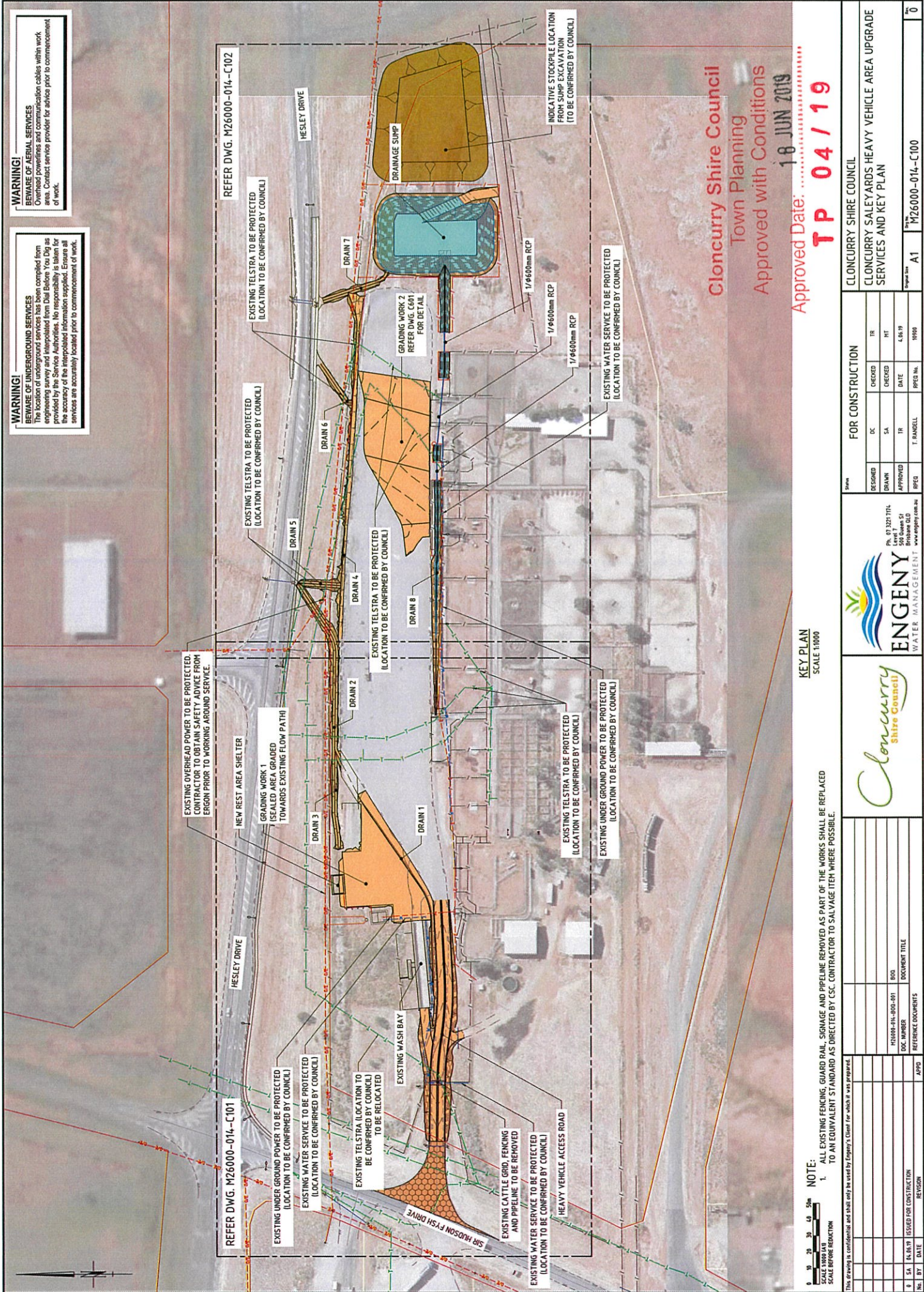
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE

GENERAL NOTES

Project No.	A1	M26000-014-C002
Sheet No.	0	

WARNING!
BEWARE OF AERIAL SERVICES
 Overhead powerlines and communication cables within work area. Contact service provider for advice prior to commencement of work.

WARNING!
BEWARE OF UNDERGROUND SERVICES
 The location of underground services has been compiled from engineering survey and interpolated from Dial Before You Dig as provided by the Service Authorities. No responsibility is taken for the accuracy of the interpolated information supplied. Ensure all services are accurately located prior to commencement of work.



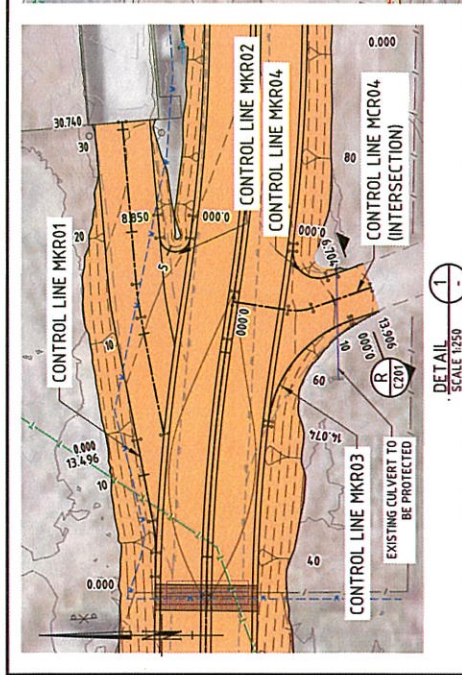
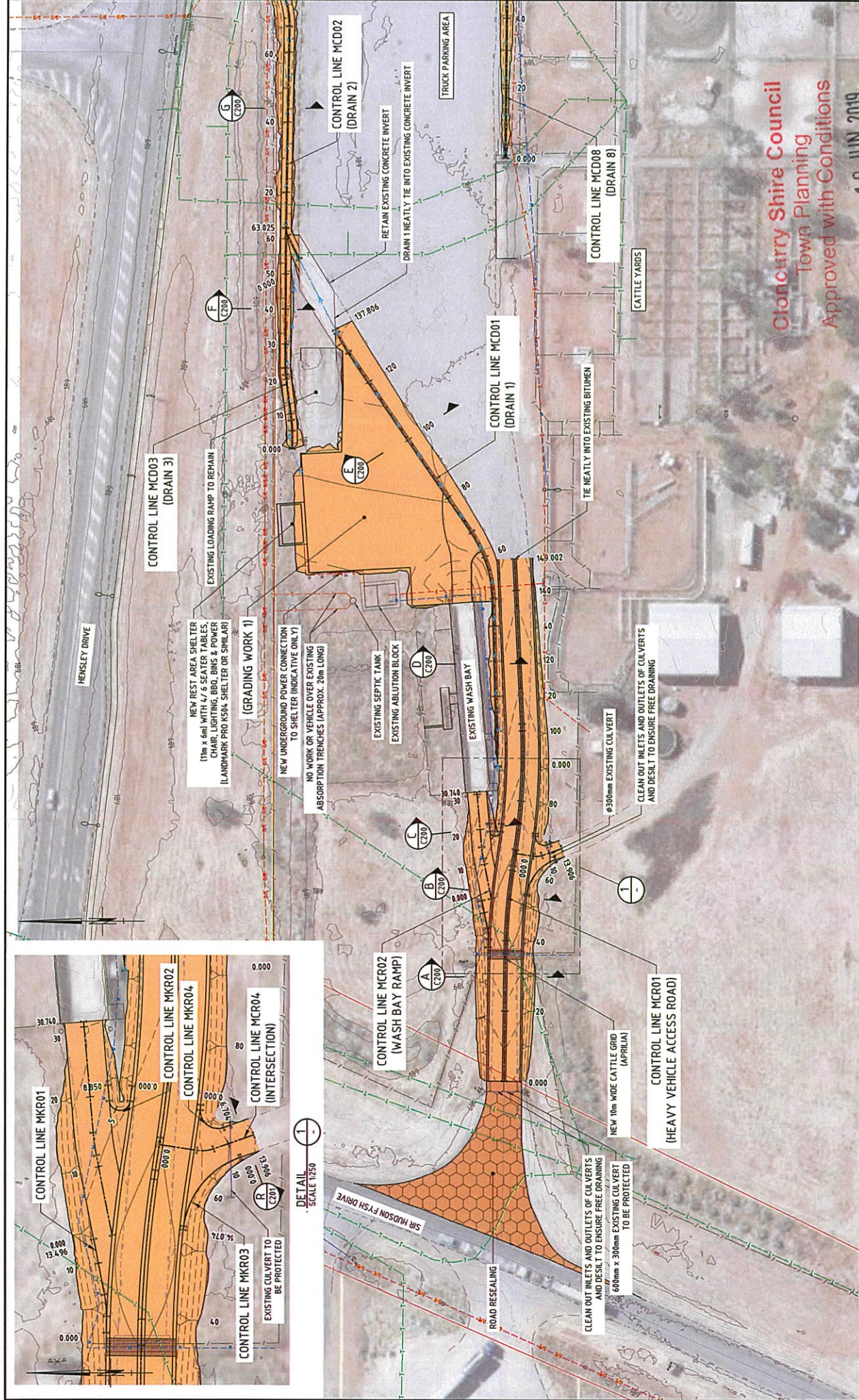
Cloncurry Shire Council
 Town Planning
 Approved with Conditions
 18 JUN 2019
TP 04 / 19

Approved Date:
TP 04 / 19

KEY PLAN
 SCALE 1:1000

NOTE:
 1. ALL EXISTING FENCING, GUARD RAIL, SIGNAGE AND PIPELINE REMOVED AS PART OF THE WORKS SHALL BE REPLACED TO AN EQUIVALENT STANDARD AS DIRECTED BY CSC. CONTRACTOR TO SALVAGE ITEM WHERE POSSIBLE.

				<small>Ph. 01 3201 1714 548 Queen St Brisbane QLD www.engeny.com.au</small>	
FOR CONSTRUCTION		DESIGNED	DC	CHECKED	TR
<small>Drawn</small>		DRAWN	SA	CHECKED	HT
<small>Approved</small>		APPROVED	TR	DATE	4.06.19
<small>Issue</small>		ISSUED	T. RABEILL	ISSUE No.	0006
<small>Project No.</small>		A1		M26000-014-C100	
<small>Client</small>		CLONCURRY SHIRE COUNCIL			
<small>Project Name</small>		CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE SERVICES AND KEY PLAN			
<small>Revision</small>		No.		0	

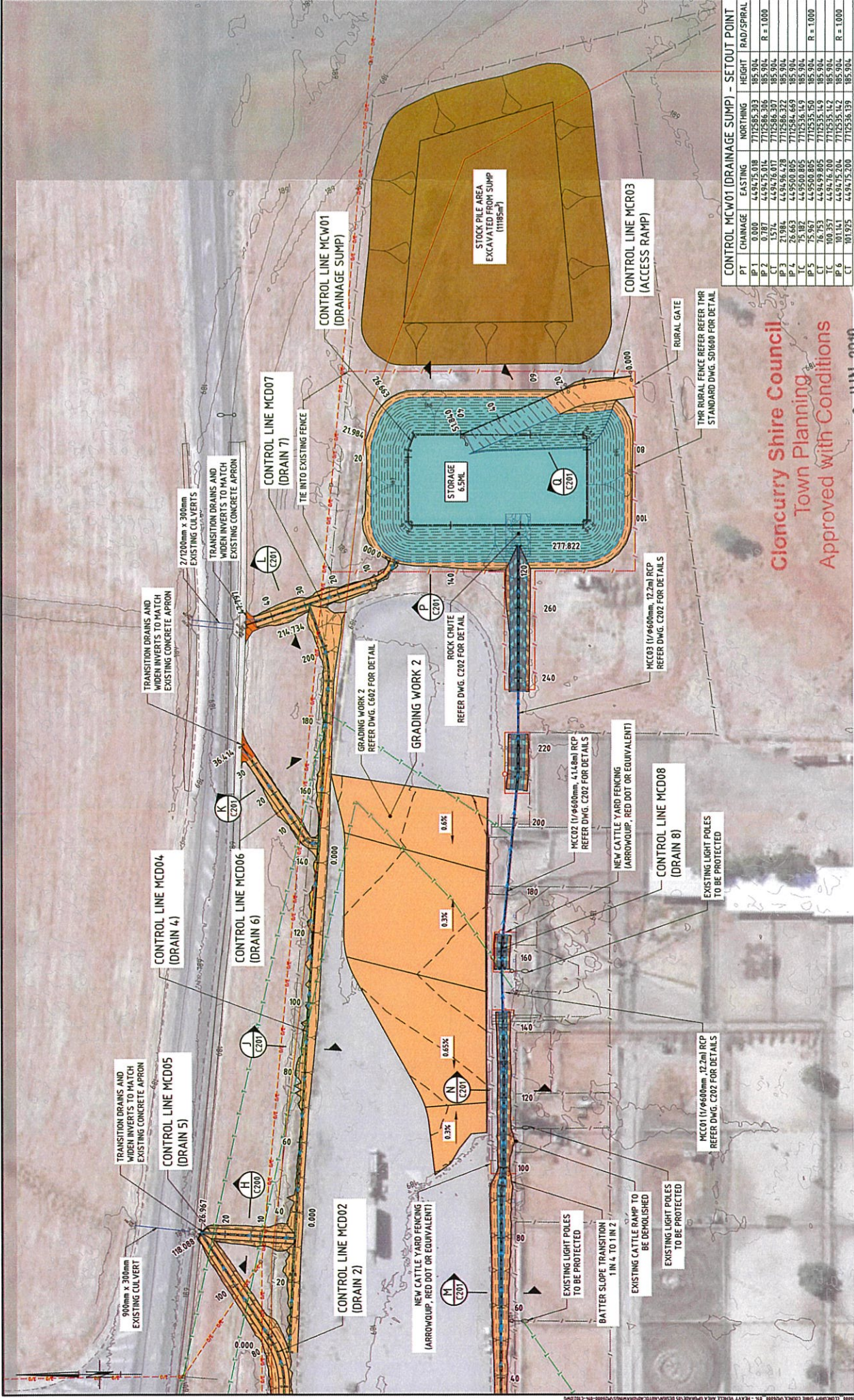


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PLAN
SCALE 1:500

 ENGENY WATER MANAGEMENT		Ph. 07 3201 1914 Level 4, 45 S1 Brisbane QLD www.engeny.com.au											
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FOR CONSTRUCTION													
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RFQ	T. RANDELL												
RFQ No.	1906												
		CLONCURRY SHIRE COUNCIL CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE GENERAL ARRANGEMENT PLAN SHEET 1 OF 2											
No.	SA	PA	DATE										
Issued for Construction	BY	DATE	REVISION										
Reference Documents		APPD											
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PT	CHANNAGE	EASTING	NORTHING	HEIGHT	RAD/SPIRAL
IP 1	0.000	449475.018	7712585.303	185.904	
IP 2	0.187	449475.014	7712586.306	185.904	R = 1000
CT	1.574	449476.017	7712586.307	185.904	
IP 3	21.984	449496.428	7712586.322	185.904	
IP 4	26.653	449500.805	7712584.669	185.904	
IC	75.187	449500.805	7712536.143	185.904	R = 1000
IC	76.753	449499.805	7712535.143	185.904	
IC	100.353	449476.200	7712535.142	185.904	R = 1000
IP 6	101.141	449475.204	7712535.142	185.904	
CT	101.925	449475.200	7712536.139	185.904	

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PLAN
SCALE 1:500

CLONCURRY SHIRE COUNCIL

CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
GENERAL ARRANGEMENT PLAN
SHEET 2 OF 2

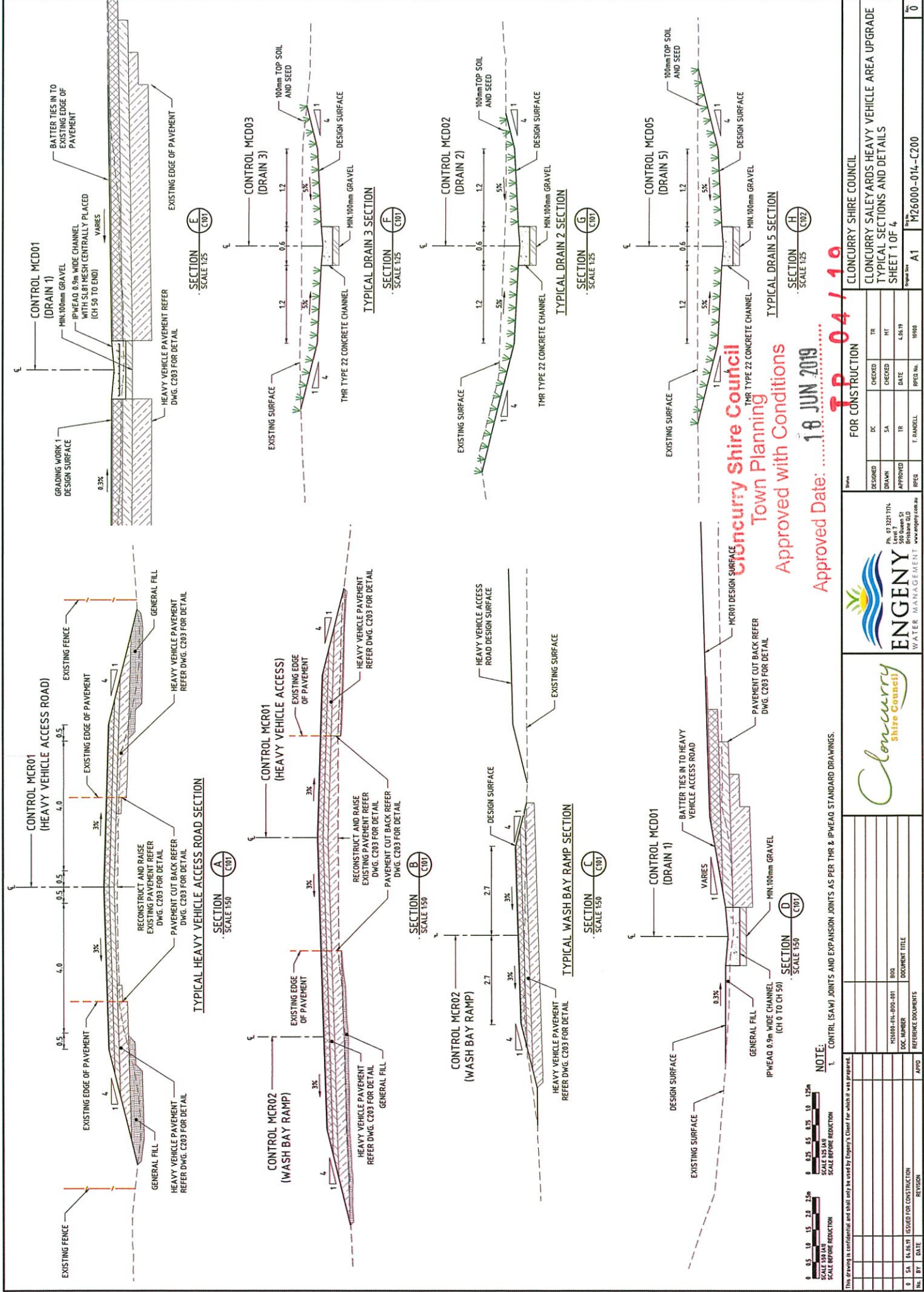
Project No: M26000-014-C102

FOR CONSTRUCTION

DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TA	DATE	4.04.19
ISSUED	T. RANSELL	ISSUED No.	1000

Ph: 07 3201 1114
500 Queen St
Brisbane QLD
www.engeny.com.au

No.	BY	DATE	REVISION



1.8 JUN 2019

TP 04 / 10

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Cloncurry Shire Council

Town Planning

DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
BPQC	T. RANDELL	BPQC No.	10468

FOR CONSTRUCTION

CLONCURRY SHIRE COUNCIL

CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE

TYPICAL SECTIONS AND DETAILS

SHEET 1 OF 4

Ph: 07 3227 1714	www.engage.com.au
500 Lakes St	Brisbane QLD
ENGENY	WATER MANAGEMENT



Ph: 07 3227 1714	www.engage.com.au
500 Lakes St	Brisbane QLD
ENGENY	WATER MANAGEMENT

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ENGENY	WATER MANAGEMENT

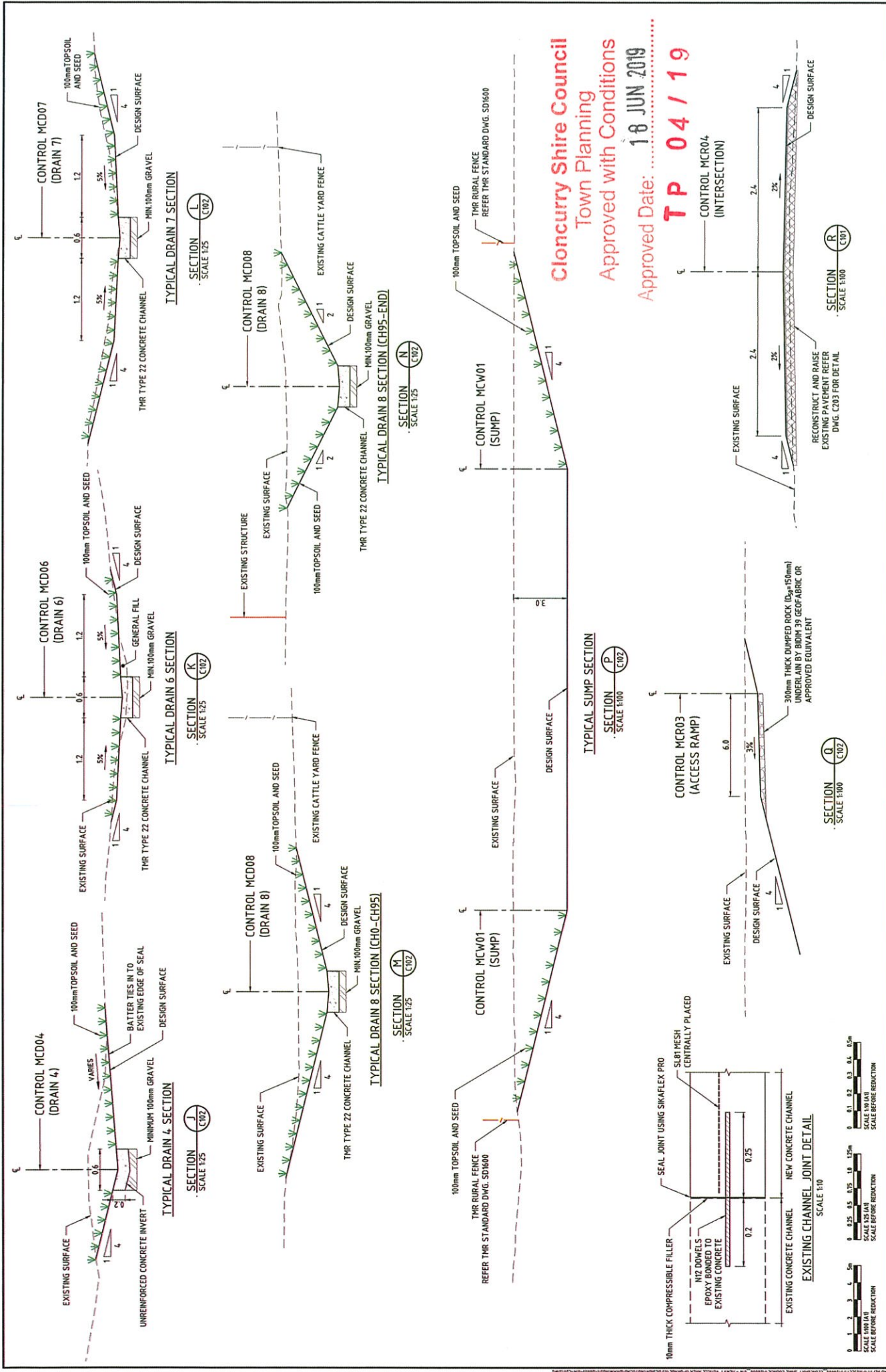
Ph: 07 3227 1714	www.engage.com.au
500 Lakes St	Brisbane QLD
ENGENY	WATER MANAGEMENT

NOTE:

1. CONTROL (SAW) JOINTS AND EXPANSION JOINTS AS PER THR & IPWEAD STANDARD DRAWINGS.



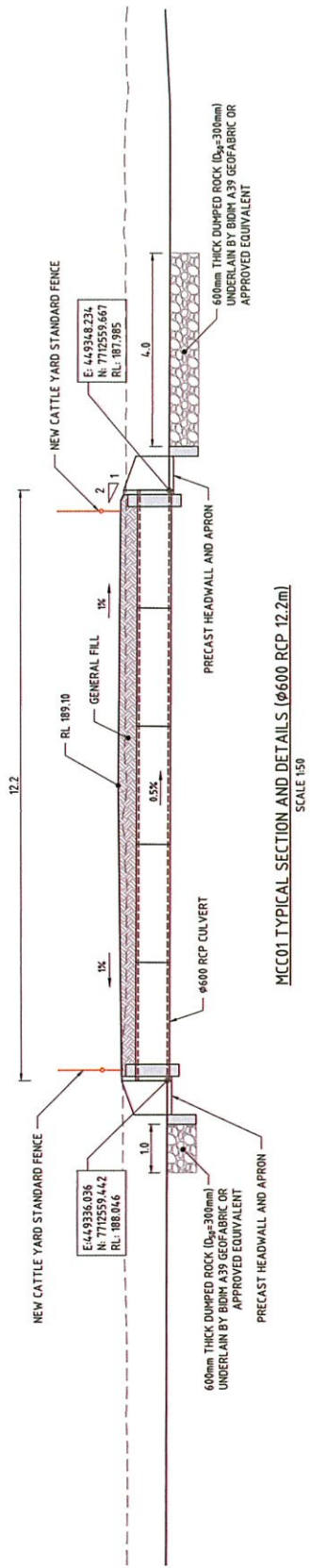
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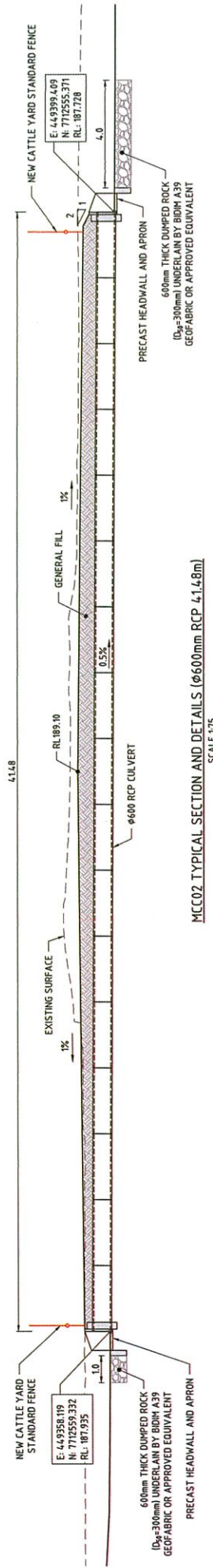
Cloncurry Shire Council
 Town Planning
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 Approved Date: 18 JUN 2019
TP 04 / 19

		FOR CONSTRUCTION		CLONCURRY SHIRE COUNCIL	
DATE	DRAWN	CHECKED	TR	CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE TYPICAL SECTIONS AND DETAILS SHEET 2 OF 4	
04.06.19	T. RADELL	T. RADELL	T. RADELL		
ISSUED FOR CONSTRUCTION	DATE	DATE	DATE		
18 JUN 2019	4.06.19	4.06.19	19.09.19		
NO. BY	DATE	REVISION	APPRO	Project No: M26000-014-C201 Rev: 0	
		Ph: 07 3227 7114 500 South St Brisbane QLD		www.engeny.com.au	

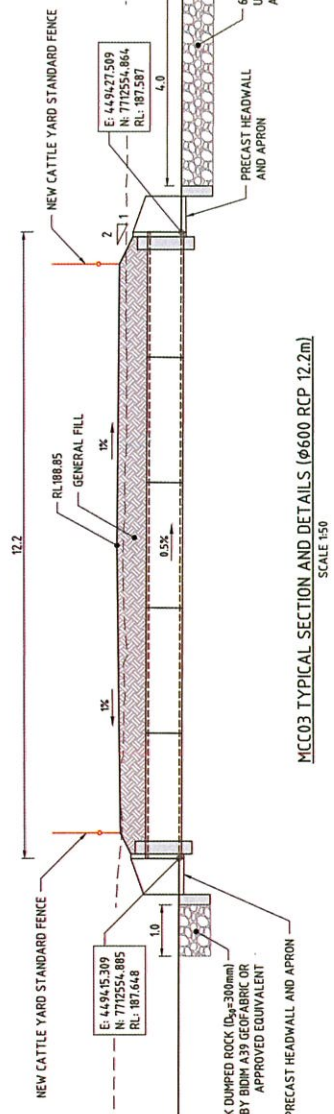
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MCC01 TYPICAL SECTION AND DETAILS (ø600 RCP 12.2m)
SCALE 1:50



MCC02 TYPICAL SECTION AND DETAILS (ø600mm RCP 4.148m)
SCALE 1:75



MCC03 TYPICAL SECTION AND DETAILS (ø600 RCP 12.2m)
SCALE 1:50

NOTES:

- BEDDING AND BACKFILL IN ACCORDANCE WITH THR SD959
- INSTALLATION IN ACCORDANCE WITH THR SD014 AND SD036 AS APPLICABLE
- PRECAST HEADWALLS AND APRONS TO BE INSTALLED IN ACCORDANCE WITH THR SD1243 DRAWING 1



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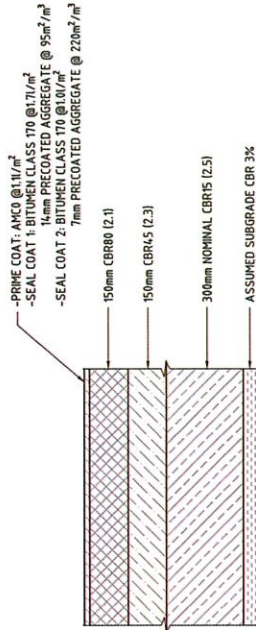
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10	SA	14.05.17	ISSUED FOR CONSTRUCTION			



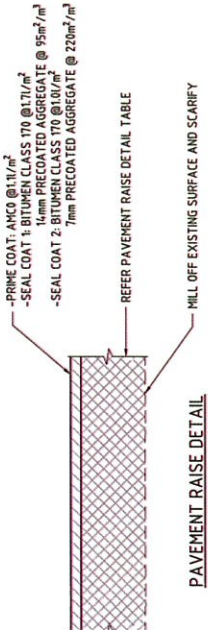
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DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
ISSUED	T. HANSELL	PROJECT NO.	19046

CLONCURRY SHIRE COUNCIL		TP	04 / 19
CLONCURRY SALE YARDS HEAVY VEHICLE AREA UPGRADE			
TYPICAL SECTIONS AND DETAILS			
SHEET 3 OF 4			
Project No.	A1	Scale	M26000-014-C202
Approved Date: 18 JUN 2019			TP
Approved with Conditions			0

Cloncurry Shire Council
Town Planning
Approved with Conditions
Approved Date: 18 JUN 2019

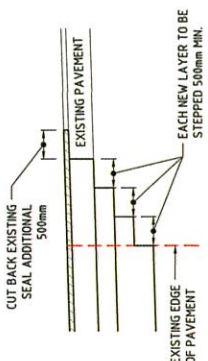


HEAVY VEHICLE PAVEMENT DETAIL
SCALE 1:10

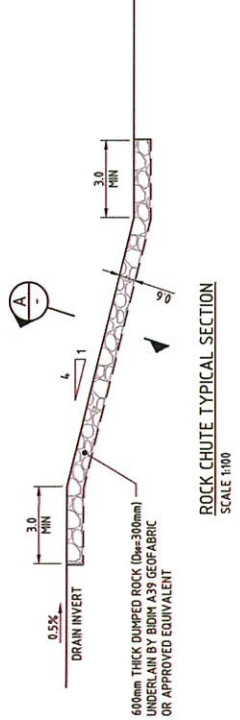


PAVEMENT RAISE DETAIL
SCALE 1:5

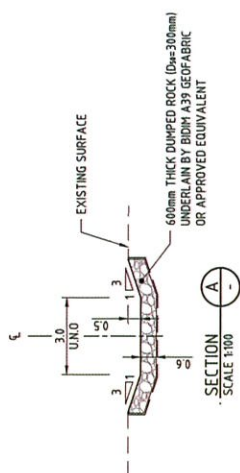
DEPTH (mm)	TYPE
0-150	CBR80 (2.1) (DEPTH VARIES)
150-300	MIN. 150mm CBR80 (2.1) + CBR45 (2.3) (DEPTH VARIES)
≤ 300	MIN. 150mm CBR80 (2.1) + 150mm CBR45 (2.3) + CBR15 (2.5) (DEPTH VARIES)



PAVEMENT CUT BACK DETAIL
NTS



ROCK CHUTE TYPICAL SECTION
SCALE 1:100



SECTION 1:100

Cloncurry Shire Council
Town Planning
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Approved Date: 18 JUN 2019

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DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
ISSUED	J. DANIELL	ISSUED	19/06

NO.	BY	DATE	ISSUED FOR CONSTRUCTION	REVISION
0	SA	04.06.19	ISSUED FOR CONSTRUCTION	

FOR CONSTRUCTION

CLONCURRY SHIRE COUNCIL
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
TYPICAL SECTIONS AND DETAILS
SHEET 4 OF 4

Project No. A1

Drawn By: M26000-014-C203

Scale: A1

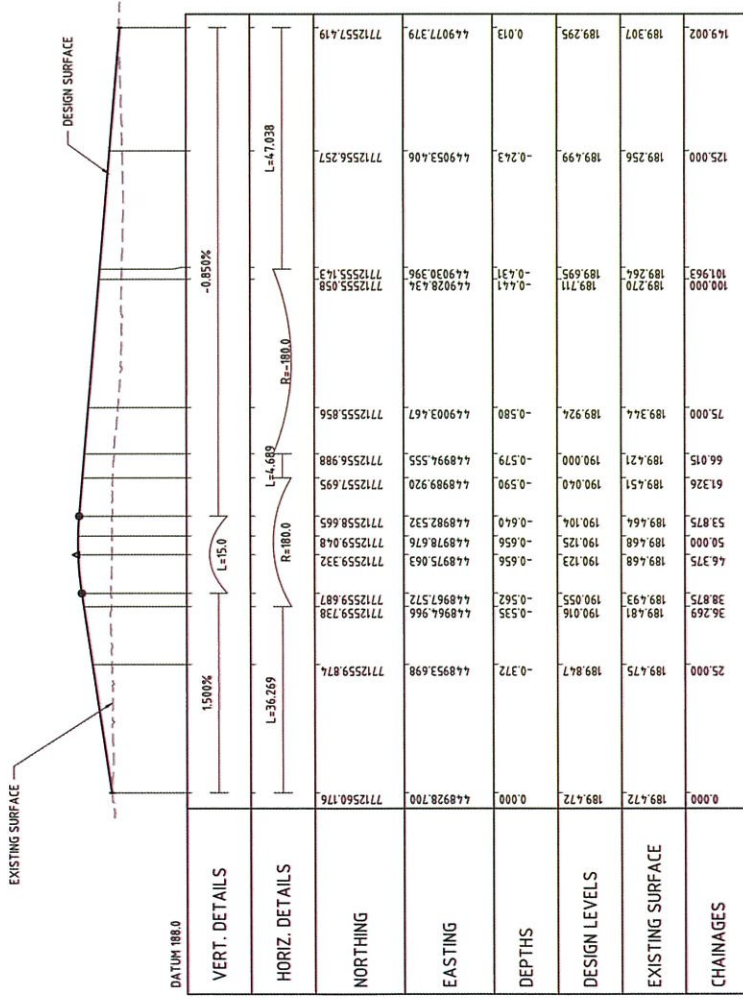
Project No. 1906

Project No. 1906

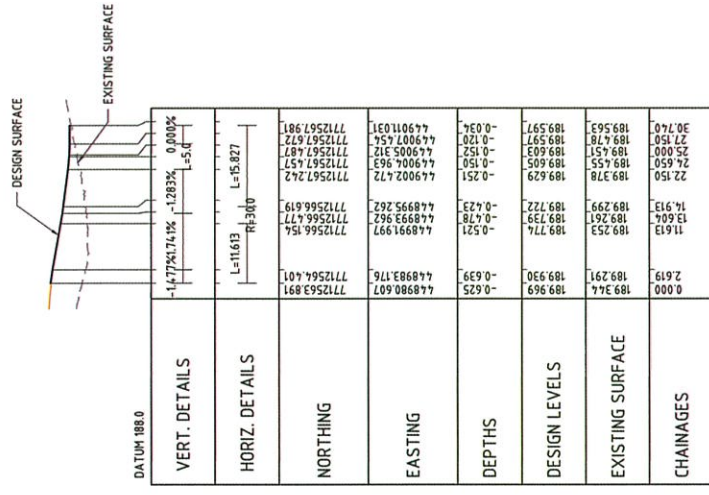
Project No. 1906

Project No. 1906

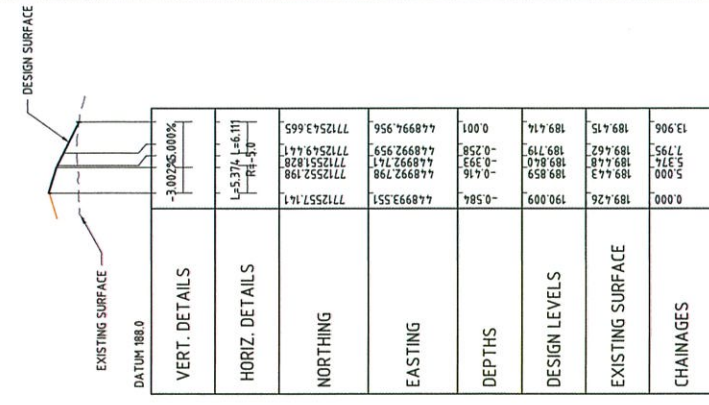
Project No. 1906



LONGITUDINAL SECTION - MCR01 (HEAVY VEHICLE ACCESS ROAD)
SCALE 1:500 (HORIZ) 1:50 (VERT.)



LONGITUDINAL SECTION - MCR02 (WASH BAY RAMP)
SCALE 1:500 (HORIZ) 1:50 (VERT.)



LONGITUDINAL SECTION - MCR04 (INTERSECTION)
SCALE 1:500 (HORIZ) 1:10 (VERT.)

Cloncurry Shire Council
Town Planning
Approved with Conditions
Approved Date: 18 JUN 2019

CLONCURRY SHIRE COUNCIL		04/19
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE		
LONGITUDINAL SECTIONS		
SHEET 1 OF 7		
Project No.	A1	M26000-01a-C300

FOR CONSTRUCTION			
DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	18/6/19
REG	T. RAGELL	REG No.	19899

ENGENY
WATER MANAGEMENT
Ph. 07 3227 1714
500 Staines St
Indrahoe QLD
www.engeny.com.au

Cloncurry Shire Council

NO.	BY	DATE	REVISION

NO.	BY	DATE	REVISION

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DATUM 188.0

VERT. DETAILS	HORIZ. DETAILS	NORTHING	EASTING	DEPTHS	DESIGN LEVELS	EXISTING SURFACE	CHAINAGES
0.00%	1.234%	7712564.716	4489664.757	-0.548	189.891	189.343	0.000
0.05%	L=6.7	7712564.716	4489691.063	-0.435	189.920	189.462	3.374
14.77%	L=8.026	7712564.716	4489701.131	-0.425	189.920	189.462	3.374
	Re=15.0	7712564.716	4489710.131	-0.435	189.920	189.462	3.374
	L=8.026	7712564.716	4489720.87	-0.514	189.937	189.472	3.500
	L=2.236	7712564.716	4489734.62	-0.526	189.938	189.472	3.500
	Re=15.0	7712564.716	4489743.62	-0.551	189.940	189.472	3.500
	L=2.236	7712564.716	4489754.297	-0.433	189.749	189.316	6.638
	Re=15.0	7712564.716	4489764.716	-0.371	189.720	189.349	8.850

LONGITUDINAL SECTION - MKR01 (KERB RETURN)
SCALE 1:250 (HORIZ.) 1:25 (VERT.)



DATUM 189.0

VERT. DETAILS	HORIZ. DETAILS	NORTHING	EASTING	DEPTHS	DESIGN LEVELS	EXISTING SURFACE	CHAINAGES
0.84%	14.28%	7712561.052	449001909	-0.438	189.792	189.354	0.000
1.28%	L=4.4	7712561.052	449001909	-0.444	189.799	189.354	2.209
	L=4.4	7712561.052	449001909	-0.447	189.799	189.354	2.209
	Re=15.0	7712561.052	449001909	-0.467	189.799	189.354	2.209
	L=2.236	7712561.052	449001909	-0.474	189.799	189.354	2.209
	Re=15.0	7712561.052	449001909	-0.487	189.799	189.354	2.209
	L=2.236	7712561.052	449001909	-0.433	189.749	189.316	6.638
	Re=15.0	7712561.052	449001909	-0.371	189.720	189.349	8.850

LONGITUDINAL SECTION - MKR02 (KERB RETURN)
SCALE 1:250 (HORIZ.) 1:25 (VERT.)



DATUM 188.0

VERT. DETAILS	HORIZ. DETAILS	NORTHING	EASTING	DEPTHS	DESIGN LEVELS	EXISTING SURFACE	CHAINAGES
0.84%	9.97%	7712551.300	44899223	-0.616	189.805	189.189	0.000
0.00%	L=3.4	7712551.300	44899223	-0.583	189.805	189.222	0.756
	L=3.4	7712551.300	44899223	-0.583	189.805	189.222	0.756
	Re=2.5	7712551.300	44899223	-0.583	189.805	189.222	0.756
	L=3.4	7712551.300	44899223	-0.583	189.805	189.222	0.756
	Re=2.5	7712551.300	44899223	-0.583	189.805	189.222	0.756
	L=3.4	7712551.300	44899223	-0.583	189.805	189.222	0.756
	Re=2.5	7712551.300	44899223	-0.583	189.805	189.222	0.756
	L=3.4	7712551.300	44899223	-0.583	189.805	189.222	0.756
	Re=2.5	7712551.300	44899223	-0.583	189.805	189.222	0.756

LONGITUDINAL SECTION - MKR04 (KERB RETURN)
SCALE 1:250 (HORIZ.) 1:25 (VERT.)



DATUM 189.0

VERT. DETAILS	HORIZ. DETAILS	NORTHING	EASTING	DEPTHS	DESIGN LEVELS	EXISTING SURFACE	CHAINAGES
5.00%	3.63%	7712551.155	448987873	-0.392	189.804	189.413	7.077
0.76%	L=7.0	7712551.155	448987873	-0.496	189.893	189.397	10.000
	L=7.0	7712551.155	448987873	-0.496	189.893	189.397	10.000
	Re=12.0	7712551.155	448987873	-0.513	189.906	189.397	10.000
	L=7.0	7712551.155	448987873	-0.554	189.954	189.400	13.594
	Re=12.0	7712551.155	448987873	-0.554	189.954	189.400	13.594
	L=7.0	7712551.155	448987873	-0.554	189.954	189.400	13.594
	Re=12.0	7712551.155	448987873	-0.554	189.954	189.400	13.594
	L=7.0	7712551.155	448987873	-0.554	189.954	189.400	13.594
	Re=12.0	7712551.155	448987873	-0.554	189.954	189.400	13.594

LONGITUDINAL SECTION - MKR03 (KERB RETURN)
SCALE 1:250 (HORIZ.) 1:25 (VERT.)

Cloncurry Shire Council
Town Planning
Approved with Conditions

Approved Date: 18 JUN 2019
P 04/19

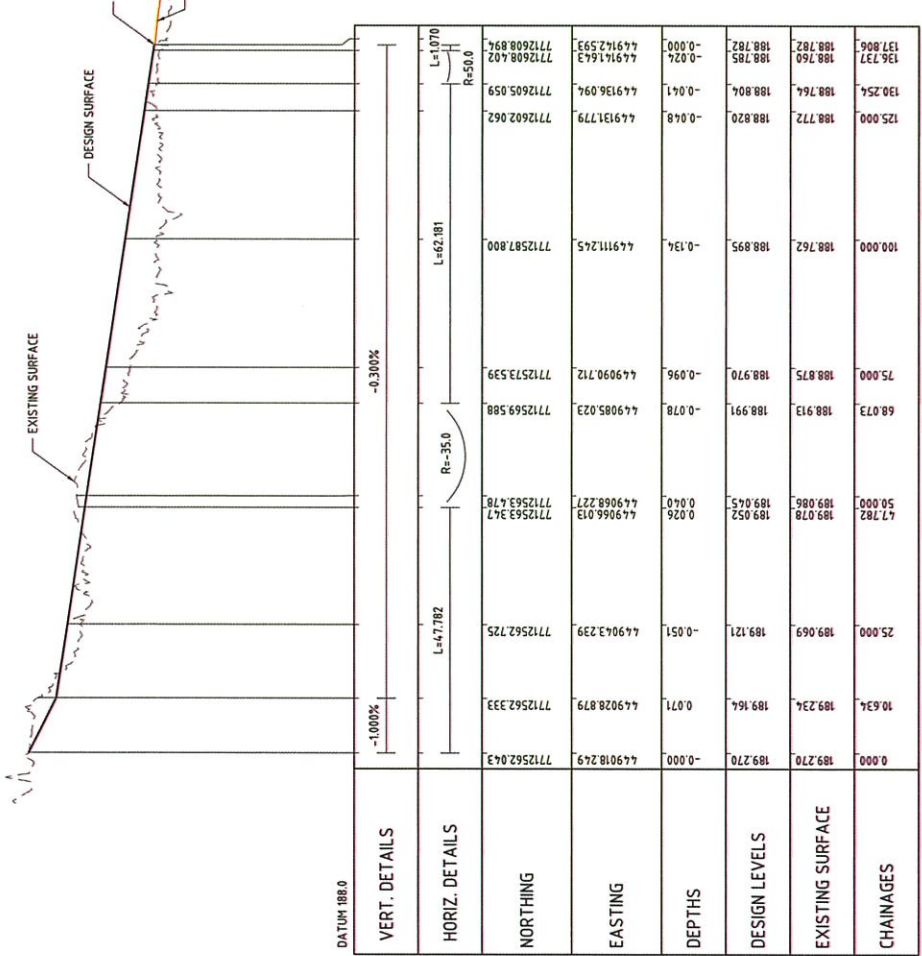


FOR CONSTRUCTION	FOR CONSTRUCTION
DESIGNED	DC
DRAWN	SA
APPROVED	TR
ISSUED	I. RABEEL

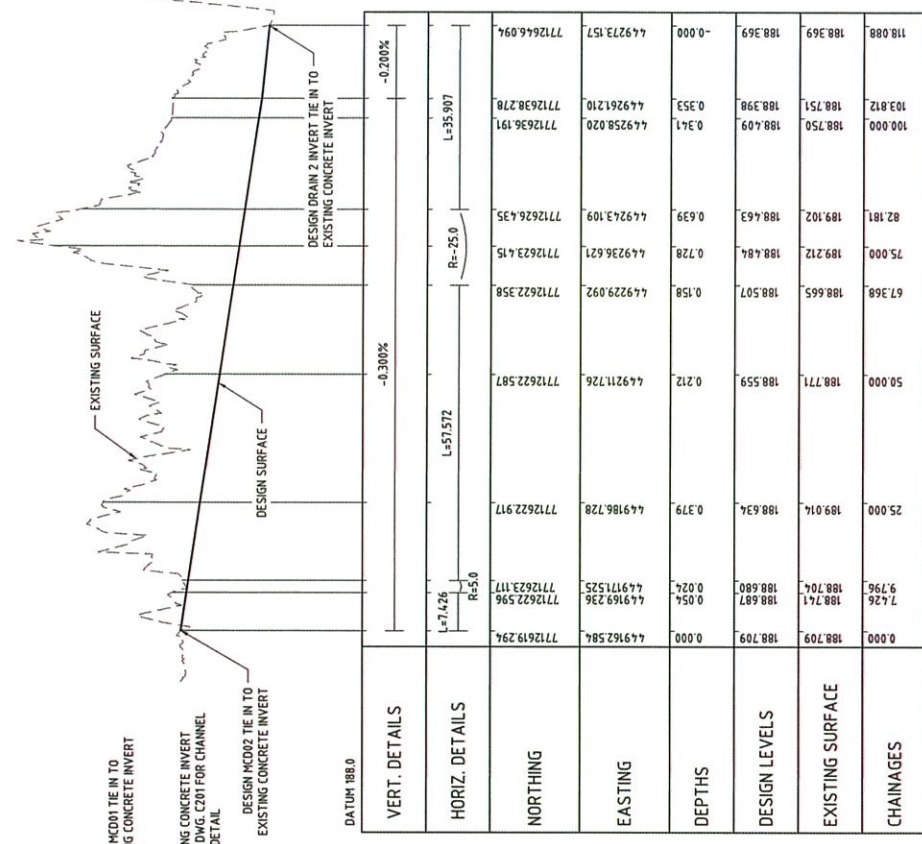
REVISION	DATE	BY	NO.

NO.	BY	DATE	REVISION

Project No: M26000-014-C301
Sheet 2 of 7
Scale: As Shown



LONGITUDINAL SECTION - MCD01 (DRAIN 1)
SCALE 1500 (HORIZ) 1:10 (VERT)



LONGITUDINAL SECTION - MCD02 (DRAIN 2)
SCALE 1500 (HORIZ) 1:10 (VERT)

CHAINAGES	EXISTING SURFACE	DESIGN LEVELS	DEPTHS	EASTING	NORTHING	HORIZ. DETAILS	VERT. DETAILS
0.000	189.270	189.270	-0.000	449018.249	7712562.043		DATUM 188.0
10.634	189.234	189.164	0.071	449028.879	7712562.333	L=47.782	
25.000	189.069	189.121	-0.051	449043.239	7712562.725	R=35.0	
50.000	189.086	189.052	0.034	449068.277	7712563.478	L=62.181	
68.073	188.913	188.991	-0.078	449085.023	7712569.588	R=50.0	
75.000	188.875	188.970	-0.096	449090.712	7712573.539	L=1.070	
100.000	188.762	188.895	-0.134	449111.245	7712587.800	R=5.0	
125.000	188.772	188.820	-0.048	449131.779	7712602.062		
130.254	188.764	188.804	-0.041	449136.094	7712605.059		
136.737	188.760	188.785	-0.024	449141.643	7712608.402		
137.806	188.782	188.782	-0.000	449142.593	7712608.894		
188.369	188.751	188.409	0.341	449258.020	7712636.191		
188.812	188.750	188.409	0.341	449261.210	7712638.278		
25.000	189.014	188.634	0.379	449186.728	7712622.917		
50.000	188.771	188.559	0.212	449211.726	7712622.587		
67.368	188.665	188.507	0.158	449229.092	7712622.358		
75.000	189.212	188.484	0.728	449236.621	7712623.415		
82.181	189.102	188.463	0.639	449243.109	7712626.435		
100.000	188.750	188.409	0.341	449258.020	7712636.191		
118.088	188.369	188.369	-0.000	449273.157	7712646.094		

CHAINAGES	EXISTING SURFACE	DESIGN LEVELS	DEPTHS	EASTING	NORTHING	HORIZ. DETAILS	VERT. DETAILS
0.000	188.709	188.709	0.000	449162.584	7712619.294		DATUM 188.0
7.426	188.741	188.687	0.054	449169.236	7712622.596		
9.796	188.704	188.680	0.024	449171.525	7712623.117		
25.000	189.014	188.634	0.379	449186.728	7712622.917		
50.000	188.771	188.559	0.212	449211.726	7712622.587		
67.368	188.665	188.507	0.158	449229.092	7712622.358		
75.000	189.212	188.484	0.728	449236.621	7712623.415		
82.181	189.102	188.463	0.639	449243.109	7712626.435		
100.000	188.750	188.409	0.341	449258.020	7712636.191		
103.812	188.751	188.409	0.341	449261.210	7712638.278		
118.088	188.369	188.369	-0.000	449273.157	7712646.094		



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No.	BY	DATE	ISSUED FOR CONSTRUCTION	REVISION
0	SA	24.06.19	ISSUED FOR CONSTRUCTION	
1	SA	04.06.19	ISSUED FOR CONSTRUCTION	

DOC. NUMBER	DOC. TITLE
HY0004-EN-000-01	ISS



FOR CONSTRUCTION	
DESIGNED	DC
DRAWN	SA
APPROVED	TR
RFEG	T. RANDELL
TR	DATE
RFEG	RFEG No.
TR	18990

Approved Date: 18 JUN 2019

CLONCURRY SHIRE COUNCIL

CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE

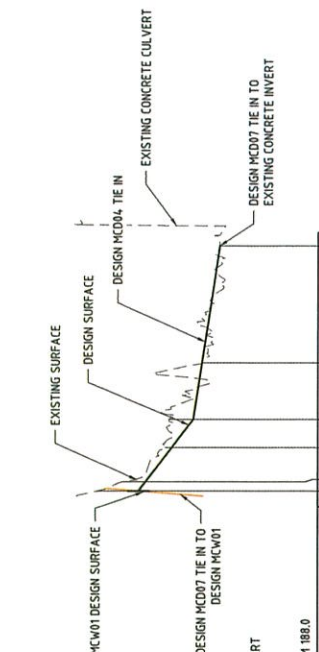
LONGITUDINAL SECTIONS TP 04/19

SHEET 3 OF 7

Scale: A1

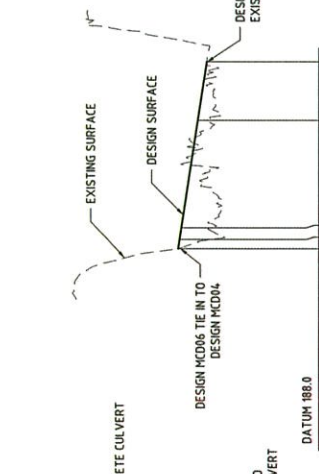
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Cloncurry Shire Council
Town Planning
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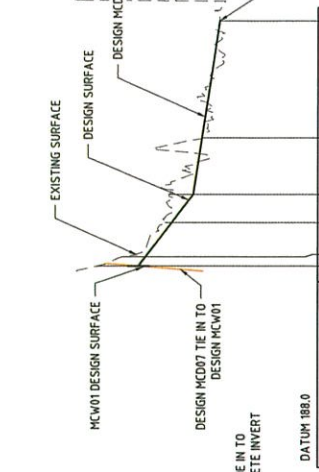
VERT. DETAILS		-0.300%	
VERT. DETAILS	DATUM 188.0		
HORIZ. DETAILS	L=26.957		
NORTHING	7712619.180	7712614.130	7712616.094
EASTING	449271.457	449273.033	449273.157
DEPTHS	0.423	0.206	0.000
DESIGN LEVELS	188.450	188.375	188.369
EXISTING SURFACE	188.873	188.592	188.569
CHAINAGES	0.000	25.000	26.967

LONGITUDINAL SECTION - MCD05 (DRAIN 5)
SCALE 1500 (HORIZ.) 1:10 (VERT.)



VERT. DETAILS		-0.300%	
VERT. DETAILS	DATUM 188.0		
HORIZ. DETAILS	L=32.340		
NORTHING	7712627.675	7712615.883	7712612.178
EASTING	449402.582	449385.294	449384.097
DEPTHS	-0.052	-0.113	-0.003
DESIGN LEVELS	188.474	188.537	188.549
EXISTING SURFACE	188.422	188.424	188.419
CHAINAGES	25.000	4.074	1.797

LONGITUDINAL SECTION - MCD06 (DRAIN 6)
SCALE 1500 (HORIZ.) 1:10 (VERT.)



VERT. DETAILS		-1.516%		-0.300%	
VERT. DETAILS	DATUM 188.0				
HORIZ. DETAILS	L=39.337				
NORTHING	7712611.205	7712600.725	7712595.499	7712590.703	7712589.966
EASTING	449466.544	449453.692	449453.878	449453.211	449452.861
DEPTHS	0.000	0.094	0.025	0.088	0.153
DESIGN LEVELS	188.385	188.453	188.570	188.671	188.698
EXISTING SURFACE	188.385	188.487	188.595	188.759	188.861
CHAINAGES	47.797	25.000	8.460	13.964	0.000

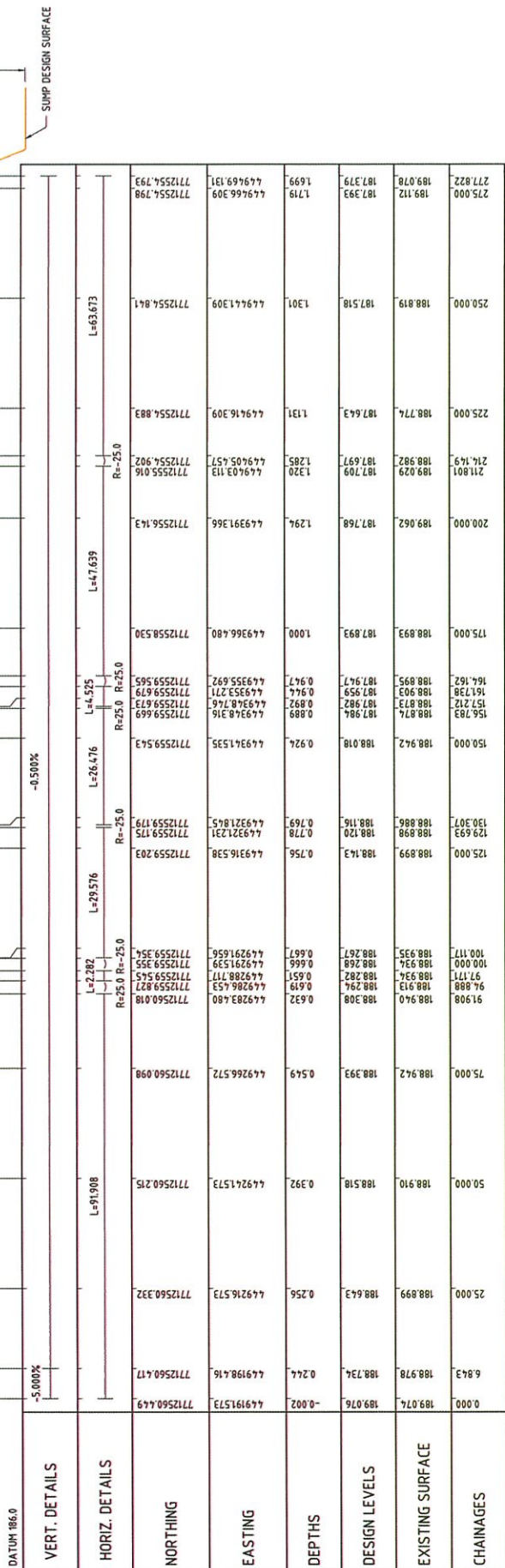
CONTROL LINE MCD07 (DRAIN 7)
SCALE 1500 HORIZ.
SCALE 1:10 VERT.

Cloncurry Shire Council
Town Planning
Approved with Conditions
Approved Date: 18 JUN 2019
P 04/19

CLONCURRY SHIRE COUNCIL CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE LONGITUDINAL SECTIONS SHEET 5 OF 7		FOR CONSTRUCTION DESIGNED: [] DRAWN: [] APPROVED: [] REVISION: []		PH: 07 32077114 LEVEL 7 SUITE 401 BROOKSIDE BLVD BROOKSIDE QLD	
NO.	BY	DATE	REVISION	ISSUED FOR CONSTRUCTION	DATE
0	SA	04.06.19			
T. RANDELL RPEQ No. 19199			T. RANDELL RPEQ No. 19199		
M26000-014-C304			M26000-014-C304		



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LONGITUDINAL SECTION - MCD08 (DRAIN B)
SCALE 1:500 (HORIZ.) 1:50 (VERT.)

Cloncurry Shire Council
Town Planning
Approved with Conditions

Approved Date: ~~18 JUN 2019~~
TP 04/19

CHAINAGES	EXISTING SURFACE	DESIGN LEVELS	DEPTHS	EASTING	NORTHING	HORIZ. DETAILS	VERT. DETAILS
0.000	189.074	189.076	-0.002	4.49198.416	7712560.417		
6.843	188.978	188.734	0.244	4.49198.416	7712560.417		
25.000	188.899	188.643	0.256	4.49216.573	7712560.332		
50.000	188.910	188.518	0.392	4.49241.573	7712560.215	L=91.908	
75.000	188.942	188.393	0.549	4.49266.572	7712560.090		
91.908	188.940	188.308	0.632	4.49283.480	7712560.018	R=25.0	L=2.282
94.888	188.913	188.294	0.619	4.49288.177	7712559.827	R=25.0	R=25.0
97.171	188.934	188.282	0.651	4.49288.177	7712559.545	R=25.0	R=25.0
100.000	188.934	188.268	0.666	4.49291.539	7712559.355	R=25.0	R=25.0
100.117	188.935	188.267	0.667	4.49291.539	7712559.354	R=25.0	R=25.0
125.000	188.899	188.143	0.756	4.49316.538	7712559.203		
129.693	188.898	188.120	0.778	4.49321.231	7712559.175	R=25.0	R=25.0
130.307	188.886	188.116	0.769	4.49321.845	7712559.179	R=25.0	R=25.0
150.000	188.942	188.018	0.924	4.49341.535	7712559.473		
156.703	188.874	187.984	0.889	4.49348.316	7712559.669	R=25.0	L=4.525
161.738	188.903	187.959	0.944	4.49355.271	7712559.679	R=25.0	R=25.0
164.162	188.895	187.947	0.947	4.49355.692	7712559.565	R=25.0	R=25.0
175.000	188.893	187.893	1.000	4.49366.480	7712558.530		
200.000	189.062	187.768	1.294	4.49391.366	7712556.143		L=47.639
211.801	188.829	187.709	1.320	4.49403.113	7712556.016	R=25.0	L=63.673
216.149	188.902	187.697	1.285	4.49405.457	7712556.902	R=25.0	R=25.0
225.000	188.774	187.643	1.131	4.49416.309	7712554.883		
250.000	188.819	187.518	1.301	4.49441.309	7712554.841		
275.000	189.112	187.393	1.719	4.49466.309	7712554.798		
277.822	189.078	187.379	1.699	4.49469.131	7712554.793		

Ph: 07 3221 7114
100 St James St
Brisbane QLD

FOR CONSTRUCTION

DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	6.08.19

CLONCURRY SHIRE COUNCIL
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
LONGITUDINAL SECTIONS
SHEET 6 OF 7

APPROVED

DATE

ISSUED FOR CONSTRUCTION

DATE

REVISIONS

NO. BY DATE

APPD

DATE

REVISIONS

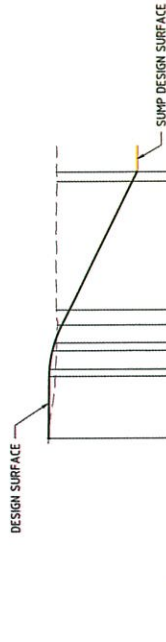
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APPD

DATE

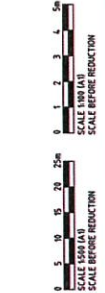
REVISIONS

NO. BY DATE



	0.000	189.432	189.396	189.383	189.372	189.358	189.343	189.329	189.314	189.300	189.286	189.271	189.257	189.243	189.229	189.215	189.201	189.187	189.173	189.159	189.145	189.131	189.117	189.103	189.089	189.075	189.061	189.047	189.033	189.019	189.005	189.000	
CHAINAGES	0.000	189.432	189.396	189.383	189.372	189.358	189.343	189.329	189.314	189.300	189.286	189.271	189.257	189.243	189.229	189.215	189.201	189.187	189.173	189.159	189.145	189.131	189.117	189.103	189.089	189.075	189.061	189.047	189.033	189.019	189.005	189.000	
EXISTING SURFACE	0.000	189.432	189.396	189.383	189.372	189.358	189.343	189.329	189.314	189.300	189.286	189.271	189.257	189.243	189.229	189.215	189.201	189.187	189.173	189.159	189.145	189.131	189.117	189.103	189.089	189.075	189.061	189.047	189.033	189.019	189.005	189.000	
DESIGN LEVELS	0.000	189.432	189.396	189.383	189.372	189.358	189.343	189.329	189.314	189.300	189.286	189.271	189.257	189.243	189.229	189.215	189.201	189.187	189.173	189.159	189.145	189.131	189.117	189.103	189.089	189.075	189.061	189.047	189.033	189.019	189.005	189.000	
DEPTHS	0.000	189.432	189.396	189.383	189.372	189.358	189.343	189.329	189.314	189.300	189.286	189.271	189.257	189.243	189.229	189.215	189.201	189.187	189.173	189.159	189.145	189.131	189.117	189.103	189.089	189.075	189.061	189.047	189.033	189.019	189.005	189.000	
EASTING	449577.568	449577.568	449577.730	449577.900	449578.075	449578.255	449578.440	449578.630	449578.825	449579.025	449579.230	449579.440	449579.655	449579.875	449579.888	449580.000	449580.115	449580.235	449580.360	449580.490	449580.625	449580.765	449580.910	449581.060	449581.215	449581.375	449581.540	449581.710	449581.885	449582.065	449582.250	449582.440	449582.635
NORTHING	772522.635	772522.635	772524.558	772526.488	772528.425	772530.370	772532.320	772534.275	772536.235	772538.200	772540.170	772542.145	772544.125	772546.110	772548.100	772550.095	772552.095	772554.100	772556.110	772558.125	772560.145	772562.170	772564.200	772566.235	772568.275	772570.320	772572.370	772574.425	772576.485	772578.550	772580.620	772582.695	772584.775
HORIZ. DETAILS			L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425	L=13.425
VERT. DETAILS			L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0	L=10.0

CONTROL LINE MCR03 (ACCESS RAMP)
SCALE 1:500 HORIZ.
SCALE 1:100 VERT.



Cloncurry Shire Council
Town Planning
Approved with Conditions
Approved Date: 18 JUN 2019
TP 04118

FOR CONSTRUCTION

DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	MT
APPROVED	TR	DATE	4.04.19
RFQ	T. RANSELL	RFQ No.	18990

CLONCURRY SHIRE COUNCIL
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
LONGITUDINAL SECTIONS
SHEET 7 OF 7

ENGENTY
WATER MANAGEMENT
Ph. 07 32217174
500 Queens St
Brisbane QLD
www.engenty.com.au

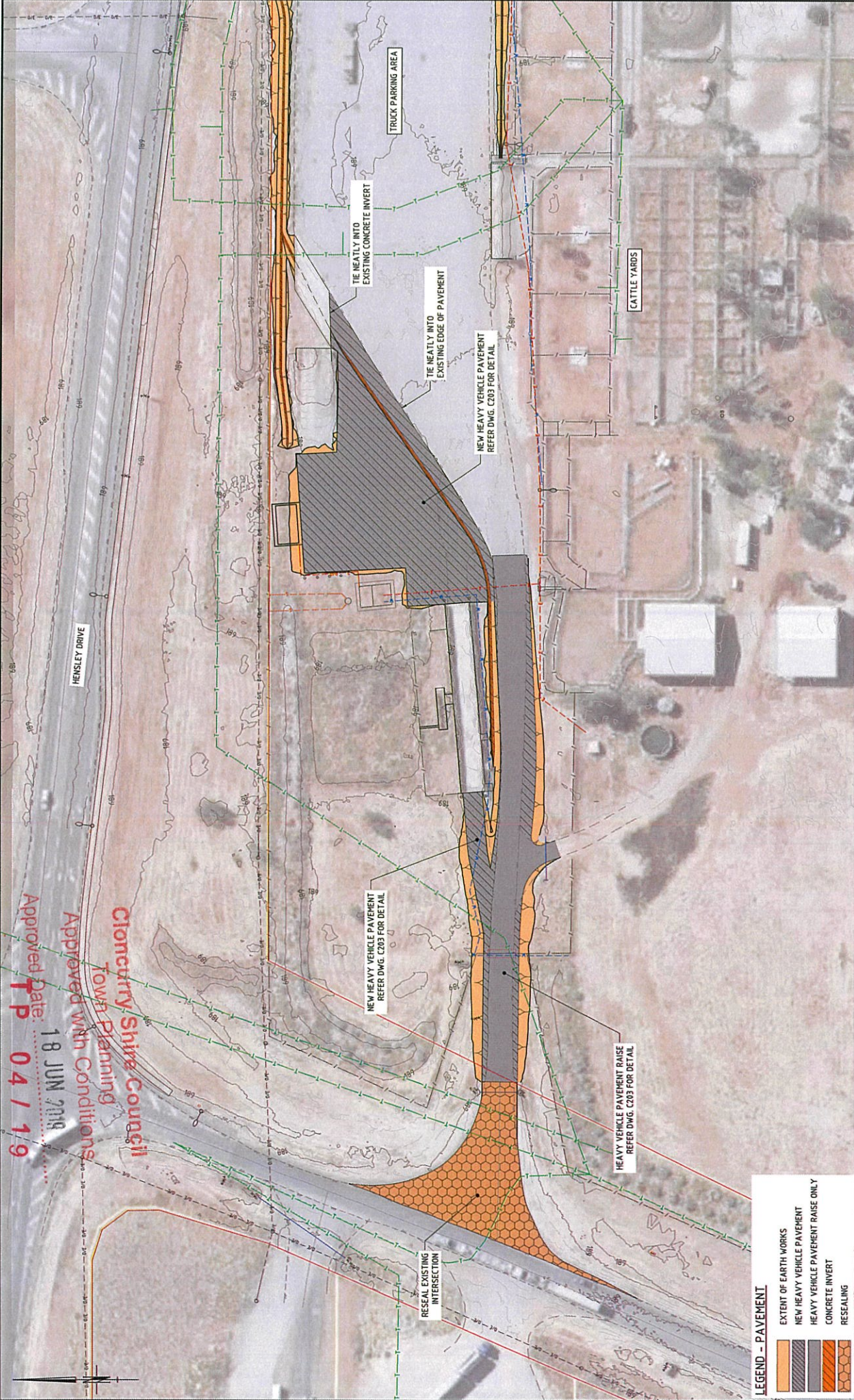
Cloncurry Shire Council

No.	BY	DATE	REASON
1	SA	18 JUN 2019	ISSUED FOR CONSTRUCTION
2			
3			
4			
5			

APP.	REVISION	REFERENCE DOCUMENTS

Doc. No.	Doc. Number	Document Title
K12600-014-300-001	B00	

<p style="font-size: 8px;">This drawing is confidential and shall only be used by Engineer's Client for which it was prepared.</p>	<p style="font-size: 8px;">SCALE BEFORE REDUCTION</p> <p style="font-size: 8px;">SCALE AFTER REDUCTION</p>	<p style="font-size: 8px;">CLONCURRY SHIRE COUNCIL M26000-014-C306</p>
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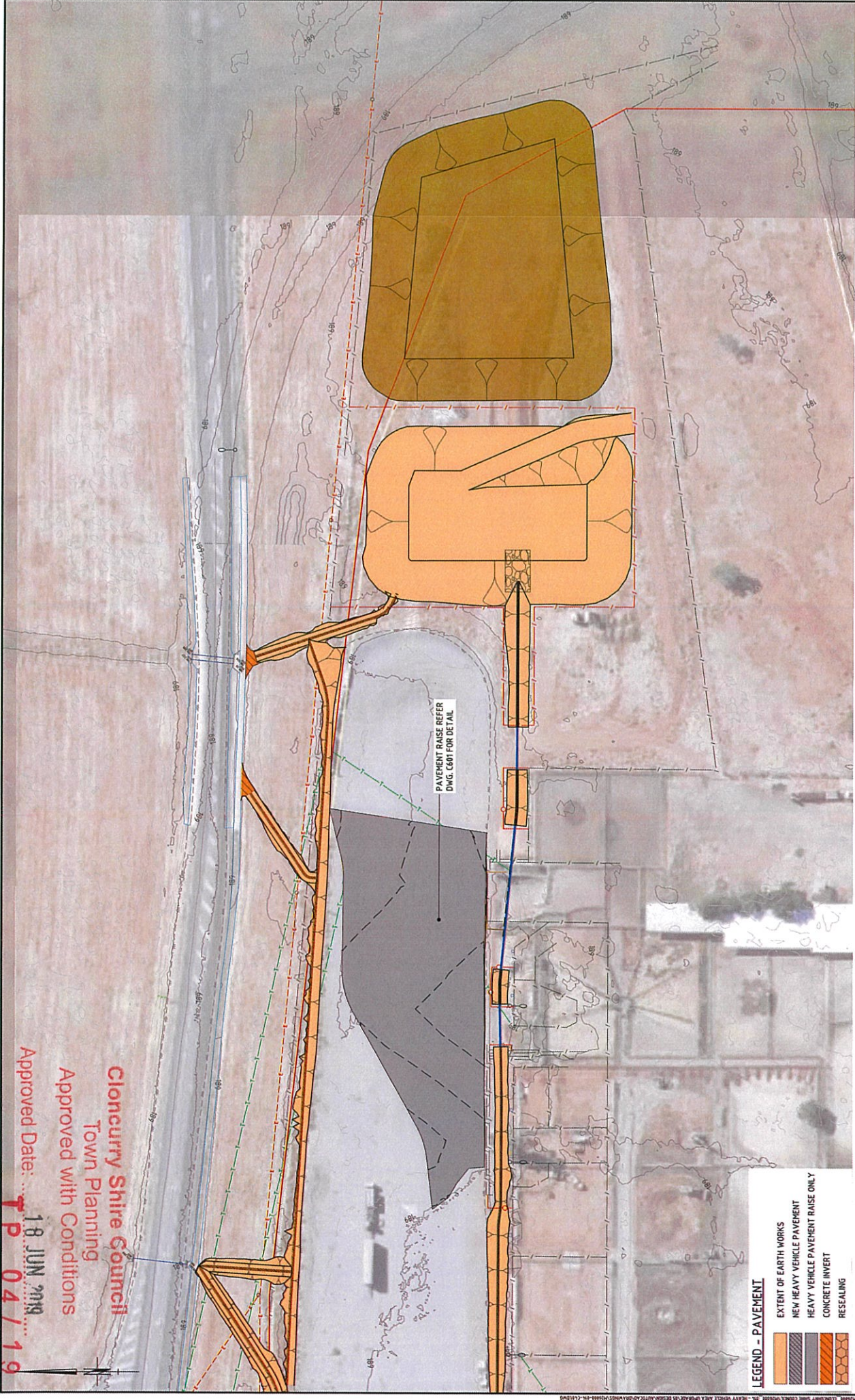
Approved Date: 18 JUN 2019
 Approved with Conditions
 Cloncurry Shire Council
 Town Planning
 P 04 / 19

LEGEND - PAVEMENT

[Orange Hatched]	EXTENT OF EARTH WORKS
[Orange]	NEW HEAVY VEHICLE PAVEMENT
[Grey]	HEAVY VEHICLE PAVEMENT RAISE ONLY
[Hatched]	CONCRETE INVERT
[Dotted]	RESEALING

PLAN
 SCALE 1:500

				FOR CONSTRUCTION DESIGNED: DC DRAWN: SA APPROVED: TR CHECKED: SA TR: TR DATE: 4.06.19 RPEP No.: 19190		CLONCURRY SHIRE COUNCIL CLONCURRY SALE YARDS HEAVY VEHICLE AREA UPGRADE PAVEMENT PLAN SHEET 1 OF 2 Project No: A1 Rev: M26000-014-C4.00 No: 0	
Approved Date: 18 JUN 2019 Approved with Conditions Cloncurry Shire Council Town Planning P 04 / 19		Ph: 07 3221 7114 Level 7 Brisbane QLD www.engeny.com.au		REFERENCE DOCUMENTS APPD REVISION		This drawing is confidential and shall only be used by Engeny's Client for which it was prepared.	



Approved Date: 18 JUN 2019
 Approved with Conditions
 Cloncurry Shire Council
 Town Planning

PLAN
 SCALE 1:500

LEGEND - PAVEMENT

[Orange box]	EXTENT OF EARTH WORKS
[Yellow box]	NEW HEAVY VEHICLE PAVEMENT
[Dark grey box]	HEAVY VEHICLE PAVEMENT RAISE ONLY
[Light grey box]	CONCRETE INVERT
[Hatched box]	RESEALING



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DOC NUMBER	151688-016-000-001	DOC TITLE	
ISSUE NO.	0	ISSUED FOR CONSTRUCTION	
DATE	18/06/19	REVISION	
BY		APPRO	
NO.		REVISION	



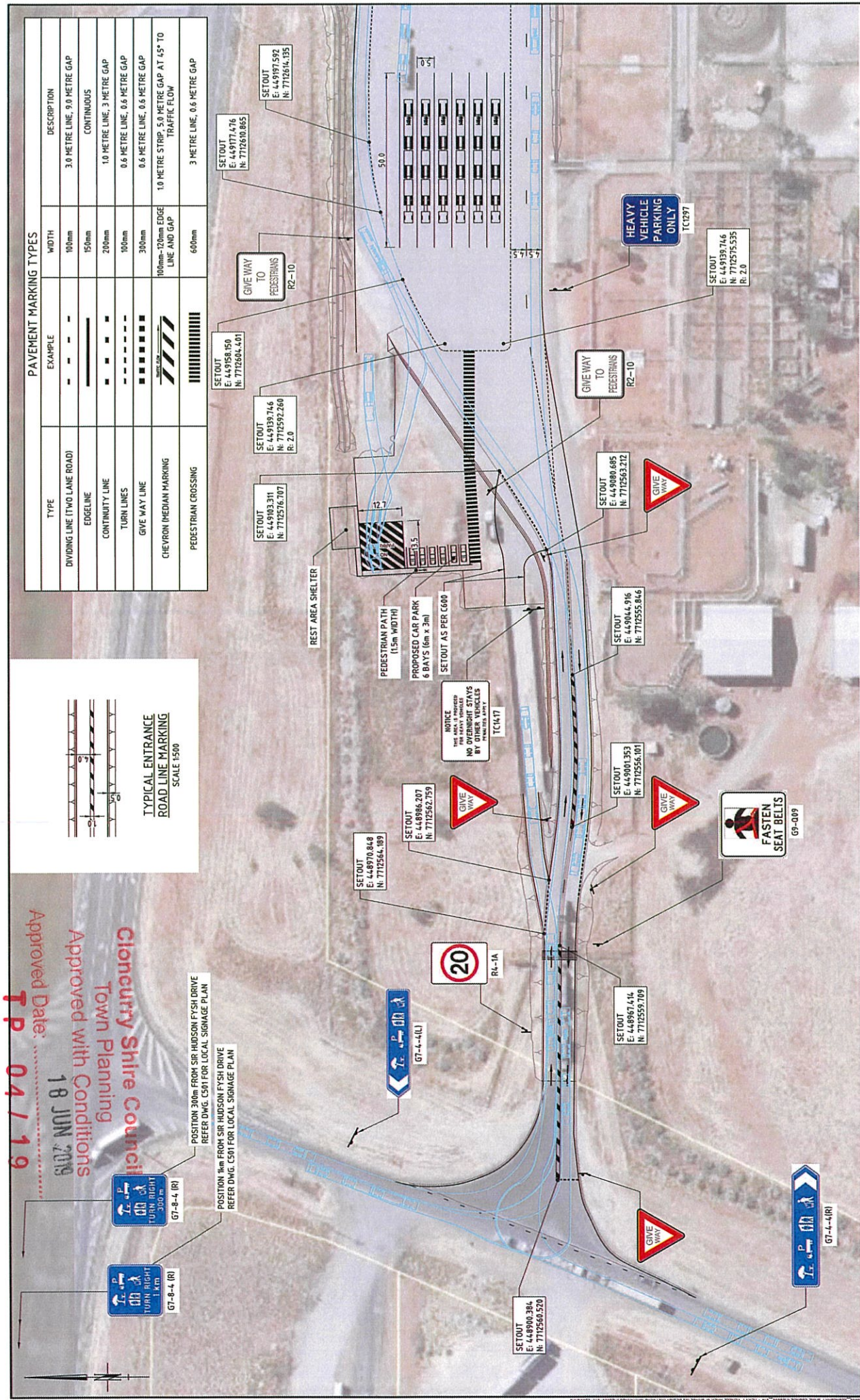
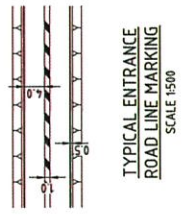
FOR CONSTRUCTION

DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
PREP	T. RANELL	PROJECT NO.	19088

CLONCURRY SHIRE COUNCIL	
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE	
PAVEMENT PLAN	
SHEET 2 OF 2	
Project No.	M26000-014-C4.01
Sheet No.	A1
Scale	1:500

Approved Date: **TP 04/19**
18 JUN 2019
 Approved with Conditions
Cloncurry Shire Council
 Town Planning

PAVEMENT MARKING TYPES			
TYPE	EXAMPLE	WIDTH	DESCRIPTION
DIVIDING LINE (TWO LANE ROAD)	---	100mm	3.0 METRE LINE, 9.0 METRE GAP
EDGE LINE	---	150mm	CONTINUOUS
CONTINUITY LINE	---	200mm	1.0 METRE LINE, 3 METRE GAP
TURN LINES	---	100mm	0.6 METRE LINE, 0.6 METRE GAP
GIVE WAY LINE	---	300mm	0.6 METRE LINE, 0.6 METRE GAP
CHEVRON (MEDIAN MARKING)	\\	100mm-120mm EDGE LINE AND GAP	1.0 METRE STRIP, 5.0 METRE GAP AT 45° TO TRAFFIC FLOW
PEDESTRIAN CROSSING		600mm	3 METRE LINE, 0.6 METRE GAP



PLAN
SCALE 1:500



		FOR CONSTRUCTION	
DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
ISSUED	T. HANSELL	ISSUE No.	19098
PH: 07 3227 1114 500 Lakeside St Brisbane QLD www.engeny.com.au		ENGENY WATER MANAGEMENT	
PROJECT NO. 19098 SHEET NO. A1 SHEET TITLE: CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE LINE MARKING AND SIGNAGE PLAN SHEET 1 OF 2		PROJECT NO. 19098 SHEET NO. A1 SHEET TITLE: CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE LINE MARKING AND SIGNAGE PLAN SHEET 1 OF 2	

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TYPE	EXAMPLE	WIDTH	DESCRIPTION
DIVIDING LINE (TWO LANE ROAD)	- - - - -	100mm	3.0 METRE LINE, 9.0 METRE GAP
EDGE LINE	=====	150mm	CONTINUOUS, MIN 0.5 METRE FROM EDGE OF BITUMEN
CONTINUITY LINE	■ ■ ■ ■ ■	200mm	1.0 METRE LINE, 3 METRE GAP
TURN LINES	- - - - -	100mm	0.6 METRE LINE, 0.6 METRE GAP
GIVE WAY LINE	■ ■ ■ ■ ■	300mm	0.6 METRE LINE, 0.6 METRE GAP
CHEVRON (MEDIAN MARKING LINE AND GAP)	///	100mm - 120mm	EDGE 1.0 METRE STRIP, 5.0 METRE GAP AT 45° TO TRAFFIC FLOW
PEDESTRIAN CROSSING		600mm	3 METRE LINE, 0.6 METRE GAP

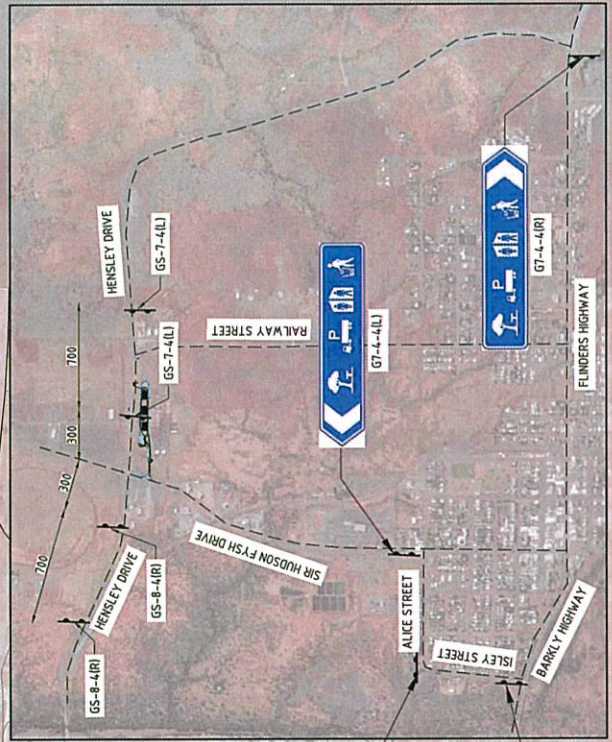
POSITION 300m FROM SIR HUDSON Fysh DRIVE
 REFER LOCAL SIGNAGE PLAN


Approved Date: 18 JUN 2019
Approved with Conditions
Cloncurry Shire Council
 Town Planning

SETOUT
 E: 449406.394
 N: 7172588.259
 R: 14.7

POSITION 1km FROM SIR HUDSON Fysh DRIVE
 REFER LOCAL SIGNAGE PLAN


 GS-7-4(L)



LOCAL SIGNAGE PLAN
SCALE 1:5000

PLAN
SCALE 1:500



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NO.	BY	DATE	REVISION

DOC. NUMBER	DOC. TITLE
110000-14-000-001	ISSUED FOR CONSTRUCTION

FOR CONSTRUCTION	FOR CONSTRUCTION
DESIGNED	CHECKED
DRAWN	TR
APPROVED	DATE
TR	4.08.19
T. RANDELL	ISSUED
ISSUED	ISSUED

CLONCURRY SHIRE COUNCIL
 CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
 LINE MARKING AND SIGNAGE PLAN
 SHEET 2 OF 2
 Project No: M26000-014-C501
 Page 10 of 10

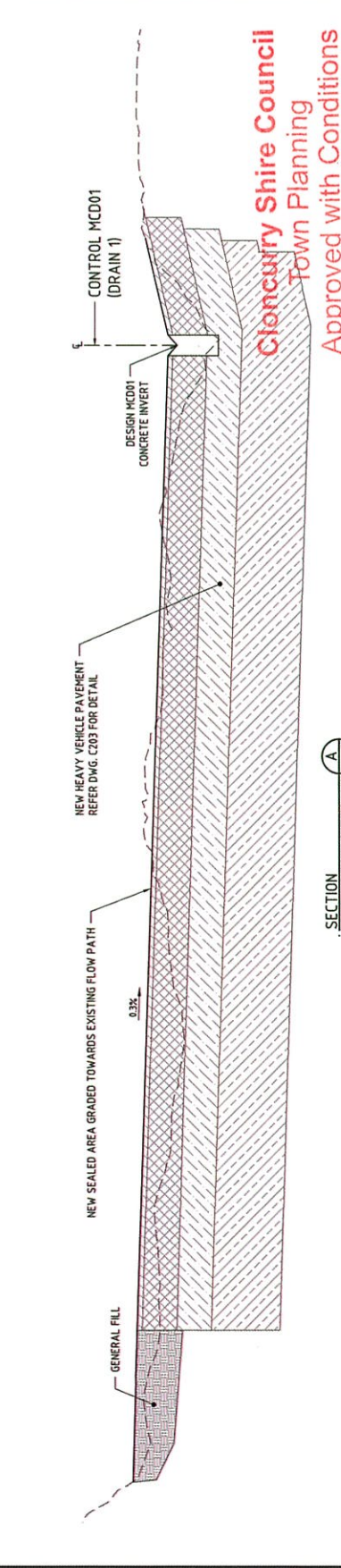


PLAN
SCALE 1:250

PLAN
SCALE 1:250

SETOUT POINTS-GRADING 1

POINT No.	COORDINATES		
	EASTING	NORTHING	LEVEL
1	449065.257	7112563.776	189.094
2	449063.902	7112566.619	189.151
3	449074.857	7112587.202	189.083
4	449073.292	7112616.105	189.113
5	449107.691	7112606.982	188.961
6	449136.456	7112606.774	188.844
7	449137.593	7112608.739	188.847
8	449138.693	7112606.926	188.833
9	449065.088	7112569.424	188.625
10	449073.710	7112569.716	189.332
11	449073.927	7112569.716	189.332
12	449075.857	7112568.764	189.741
13	449077.816	7112568.983	189.728
14	449079.480	7112566.938	189.050
15	449064.613	7112575.211	189.604
16	449069.598	7112575.217	189.403
17	449078.716	7112575.217	189.403
18	449078.716	7112576.628	189.161
19	449083.183	7112576.987	189.099
20	449088.252	7112577.879	189.036
21	449091.984	7112578.054	189.007
22	449096.212	7112577.997	188.989



SECTION
SCALE 1:100 (HORIZI 1:10 (VERT.))

Cloncurry Shire Council
Town Planning
Approved with Conditions
18 JUN 2010
Approved Date: TP 04/1/19

FOR CONSTRUCTION		DESIGNED	DC	CHECKED	TR
DRAWN	SA	APPROVED	TR	DATE	1.6.19
ISSUED	T. RANDELL	ISSUED	TR	DATE	1.6.19
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	ISSUED

FOR CONSTRUCTION

CLONCURRY SHIRE COUNCIL
CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
GRADING WORK PLAN
SHEET 1 OF 2

Project No. A1 M26000-014-C600

Ph: 07 3227 1111
500 Sturt St
Brisbane QLD
WATER MANAGEMENT | www.engny.com.au

ENGNY

Cloncurry Shire Council

DOC NUMBER: M26000-014-000-001
DOC NUMBER: 000
REFERENCE DOCUMENTS

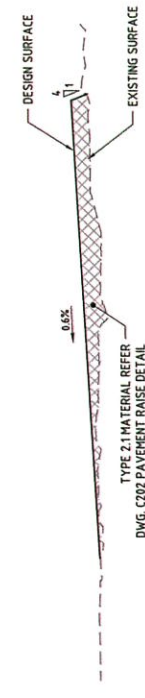
APPD

ISSUED FOR CONSTRUCTION
DATE: 04.06.19



DEPTH RANGE		TO	COLOR
-9999	-0.225	-0.225	
-0.225	-0.2	-0.2	
-0.2	-0.175	-0.175	
-0.175	-0.15	-0.15	
-0.15	-0.125	-0.125	
-0.125	-0.1	-0.1	
-0.1	-0.075	-0.075	
-0.075	-0.05	-0.05	
-0.05	-0.025	-0.025	
-0.025	-0.000	-0.000	
-0.000	0.025	0.025	
0.025	0.05	0.05	
0.05	0.075	0.075	
0.075	0.1	0.1	
0.1	0.125	0.125	
0.125	0.15	0.15	
0.15	0.175	0.175	
0.175	0.2	0.2	
0.2	0.225	0.225	
0.225	9999	9999	

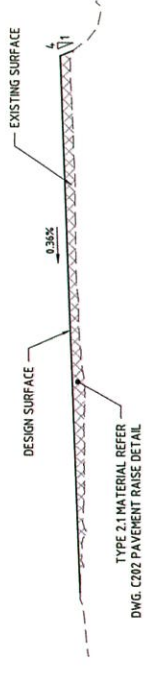
SECTION A SCALE 1:200 (HORIZI 1:10 (VERT.))



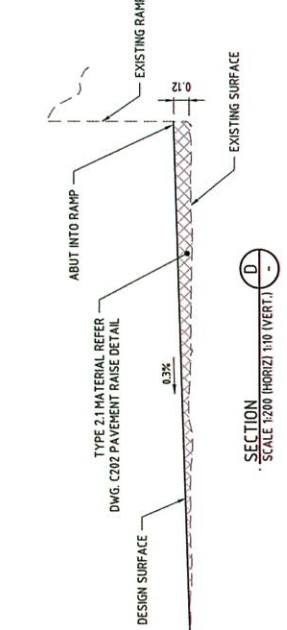
SECTION B SCALE 1:100 (HORIZI 1:10 (VERT.))



SECTION C SCALE 1:200 (HORIZI 1:10 (VERT.))



SECTION D SCALE 1:200 (HORIZI 1:10 (VERT.))



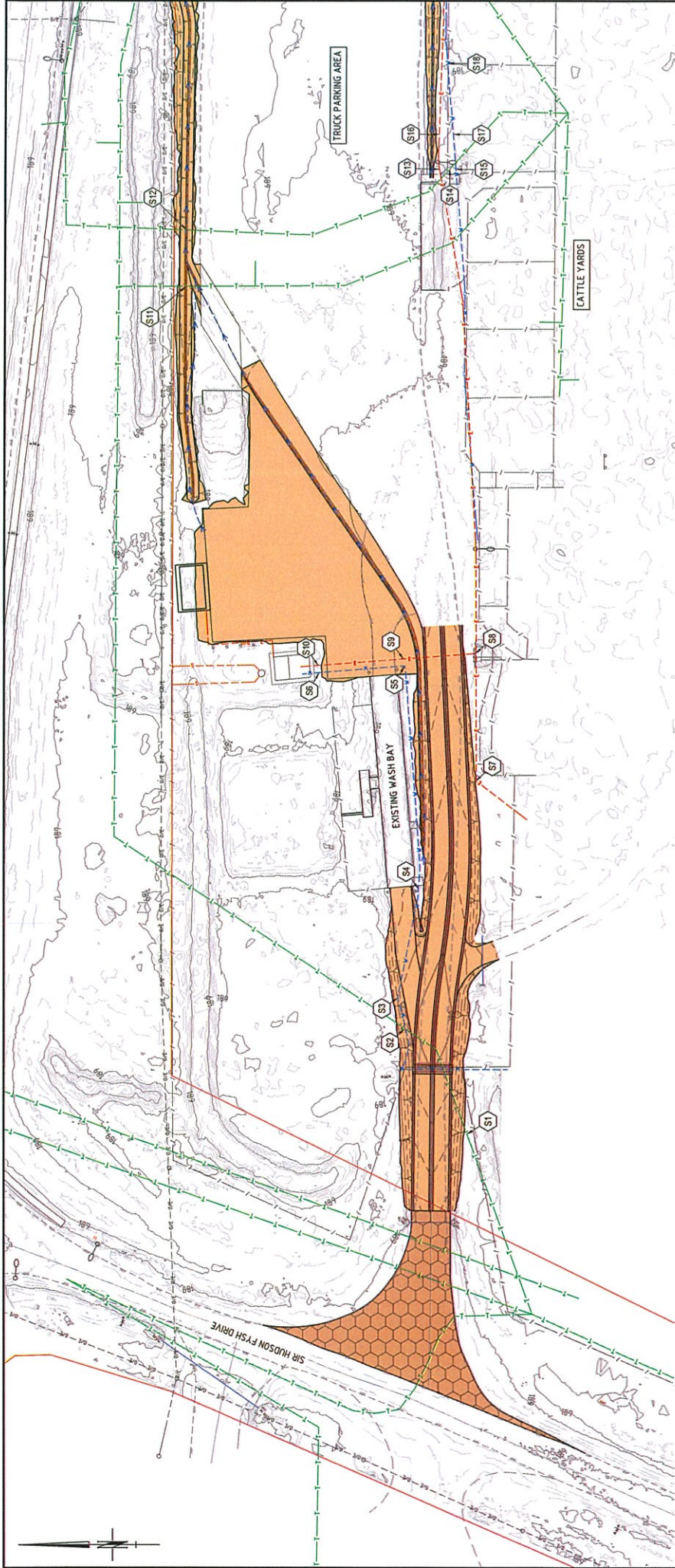
SETOUT POINTS-GRADING 2

POINT No.	COORDINATES		LEVEL
	EASTING	NORTHING	
1	449289.615	7712578.977	189.008
2	449388.904	7712581.732	188.862
3	449351.871	7712604.186	189.025
4	449387.220	7712604.781	188.944
5	449397.182	7712563.726	189.133
6	449376.162	7712564.164	189.070
7	449341.876	7712564.307	189.173
8	449310.231	7712564.187	188.967
9	449301.656	7712564.454	188.991
10	449296.643	7712572.130	188.985
11	449292.865	7712574.489	189.002

Cioncurry Shire Council
 Town Planning
 Approved with Conditions
 Approved Date: 18 JUN 2019

TP 04/19

FOR CONSTRUCTION DESIGNED: [] DRAWN: [] APPROVED: [] CHECKED: [] TR: [] DATE: [] F. RABEILL 18/09/19		CLONCURRY SHIRE COUNCIL CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE GRADING WORK PLAN SHEET 2 OF 2 Project No: A1 18/06/2019-014-C601	
No. 1 Issued for Construction Date: 18/06/19 Revision:	Doc. Number: K126000-014-000-001 Document Title:	Reference Documents:	App'd:



PLAN
SCALE 1:500

UNDERGROUND SERVICES LOCATION TABLE					
POINT No.	APPROX. EXISTING DEPTH	RL @ TOP OF SERVICE	RL @ BOTTOM COVER FROM FINISHED SURFACE	METHOD USED FOR LOCATION	TYPE OF SERVICE
S1				TO BE CONFIRMED BY COUNCIL PRIOR TO CONSTRUCTION	TELSTRA _____ mm DIA
S2					TELSTRA _____ mm DIA
S3					WATER _____ mm DIA
S4					WATER _____ mm DIA
S5					WATER _____ mm DIA
S6					WATER _____ mm DIA
S7					POWER _____ mm DIA
S8					POWER _____ mm DIA
S9					POWER _____ mm DIA
S10					POWER _____ mm DIA
S11					TELSTRA _____ mm DIA
S12					TELSTRA _____ mm DIA
S13					POWER _____ mm DIA
S14					TELSTRA _____ mm DIA
S15					WATER _____ mm DIA
S16					POWER _____ mm DIA
S17					WATER _____ mm DIA
S18					WATER _____ mm DIA

Cloncurry Shire Council
Town Planning
Approved with Conditions

Approved Date: 18 JUN 2019

CLONCURRY SHIRE COUNCIL		FOR CONSTRUCTION	
DESIGNED	DC	CHECKED	TR
DRAWN	SA	CHECKED	HT
APPROVED	TR	DATE	4.06.19
SPEC	F. DANIELL	SPEC No.	10998

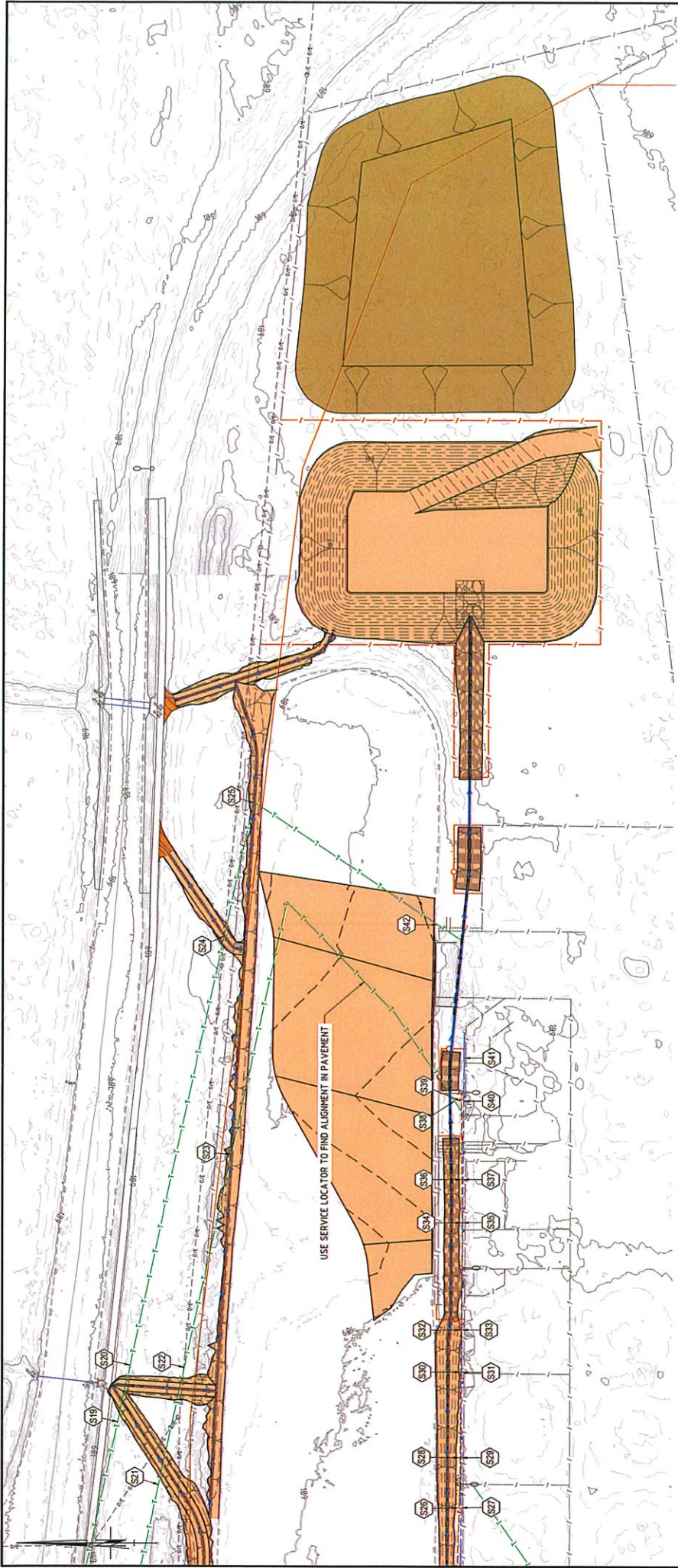
ENGENTY
WATER MANAGEMENT

Pl. 67 3227 1714
500 Queens St
Brisbane QLD

Cloncurry Shire Council

PROJECT NO.	M26000-014-001	DOC NUMBER	100	DOCUMENT TITLE	
REFERENCE DOCUMENTS					
APP'D					

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No.	BY	DATE	ISSUED FOR CONSTRUCTION	REVISION	
1	SA	04.06.19			



PLAN
SCALE 1:500

UNDERGROUND SERVICES LOCATION TABLE

POINT No.	APPROX. EXISTING DEPTH	RL @ TOP OF SERVICE	RL @ BOTTOM OF EXCAVATION	COVER FROM FINISHED SURFACE	METHOD USED FOR LOCATION	TYPE OF SERVICE
S19						TELSTRA
S20						TELSTRA
S21						TELSTRA
S22						TELSTRA
S23						TELSTRA
S24						TELSTRA
S25						TELSTRA
S26						POWER
S27						WATER
S28						WATER
S29						WATER
S30						POWER
S31						WATER
S32						POWER

TO BE CONFIRMED BY COUNCIL
PRIOR TO CONSTRUCTION

POINT No.	APPROX. EXISTING DEPTH	RL @ TOP OF SERVICE	RL @ BOTTOM OF EXCAVATION	COVER FROM FINISHED SURFACE	METHOD USED FOR LOCATION	TYPE OF SERVICE
S33						WATER
S34						POWER
S35						WATER
S36						POWER
S37						WATER
S38						TELSTRA
S39						POWER
S40						WATER
S41						WATER
S42						TELSTRA

TO BE CONFIRMED BY COUNCIL
PRIOR TO CONSTRUCTION

Cloncurry Shire Council
Town Planning
Approved with Conditions
Approved Date: ...18 JUN 2019.....

TP 04 / 19



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No.	BY	DATE	REVISION
1	SA	04.06.19	ISSUED FOR CONSTRUCTION

WHS/ISO No.	Doc. Number	Doc. Title
WHS/ISO No. 300-001	300	DOCUMENT TITLE



DESIGNED		CHECKED		TR	
DRAWN	SA	SA	SA	HT	HT
APPROVED	TR	TR	TR	DATE	DATE
RFED	T. RANDELL	RFED No.	16900		

FOR CONSTRUCTION	
CLONCURRY SHIRE COUNCIL	CLONCURRY SALEYARDS HEAVY VEHICLE AREA UPGRADE
POTHOLING LOCATION SHEET 2 OF 2	
Scale: A1	Project No: M26000-014-C702
Sheet No: 0	Page No: 0