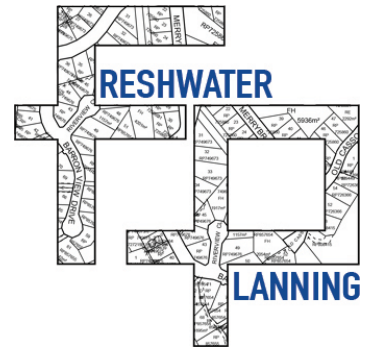


Your Ref:
Our Ref: F21/06

31 August, 2022

Chief Executive Officer
Mareeba Shire Council
PO Box 154
MAREEBA QLD 4880



Attention: Regional Planning Group

Dear Sir,

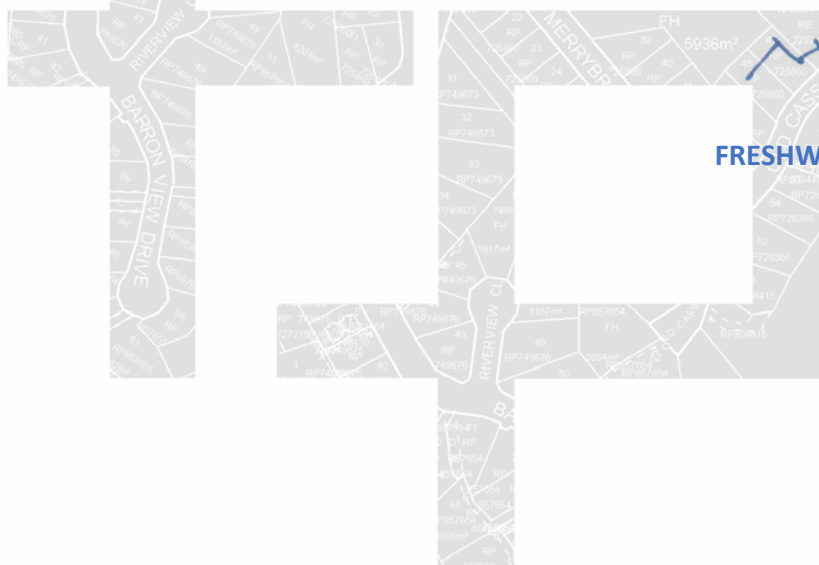
**RE: APPLICATION FOR OPERATIONAL WORKS – THE RISE STAGE 3
LOT 100 ON SP306259, CATHERINE ATHERTON DRIVE, MAREEBA.**

This application is for an Operational Works Application over land described as Lot 100 on SP306259, situated on Catherine Atherton Drive, Mareeba is submitted on behalf of The Rise Unit Trust the owner of the site.

The application comprises of Application Form, Engineering Drawings, and this Town Planning Letter. It is understood that the proponent will provide payment of the Application Fee over the counter at the Mareeba Shire Council.

All required information is understood to be provided on the Engineering Drawings which are attached and can be provided over the counter by a Representative of The Rise Unit Trust. If you have any queries or require any further information, please do not hesitate to contact Freshwater Planning Pty Ltd.

Yours faithfully,




MATTHEW ANDREJIC
FRESHWATER PLANNING PTY LTD

DA Form 1 – Development application details

Approved form (version 1.3 effective 28 September 2020) made under section 282 of the Planning Act 2016.

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

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

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

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

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

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

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

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) <i>(individual or company full name)</i>	The Rise Unit Trust
Contact name <i>(only applicable for companies)</i>	
Postal address <i>(P.O. Box or street address)</i>	C/ Freshwater Planning Pty Ltd 17 Barronview Drive
Suburb	Freshwater
State	QLD
Postcode	4870
Country	Australia
Contact number	0402729004
Email address <i>(non-mandatory)</i>	FreshwaterPlanning@outlook.com
Mobile number <i>(non-mandatory)</i>	
Fax number <i>(non-mandatory)</i>	
Applicant's reference number(s) <i>(if applicable)</i>	F21/06

2) Owner's consent

2.1) Is written consent of the owner required for this development application?

- Yes – the written consent of the owner(s) is attached to this development application
 No – proceed to 3)

PART 2 – LOCATION DETAILS

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

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

3.1) Street address and lot on plan

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

a)	Unit No.	Street No.	Street Name and Type	Suburb
			Catherine Atherton Drive	Mareeba
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4880	100	SP306259	Mareeba Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)

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

Note: Place each set of coordinates in a separate row.

- Coordinates of premises by longitude and latitude

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

- Coordinates of premises by easting and northing

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

3.3) Additional premises

- Additional premises are relevant to this development application and the details of these premises have been attached in a schedule to this development application
 Not required

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

In or adjacent to a water body or watercourse or in or above an aquifer
 Name of water body, watercourse or aquifer:

On strategic port land under the *Transport Infrastructure Act 1994*
 Lot on plan description of strategic port land:
 Name of port authority for the lot:

In a tidal area
 Name of local government for the tidal area (if applicable):
 Name of port authority for tidal area (if applicable):

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

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

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

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

No

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect
a) What is the type of development? <i>(tick only one box)</i>
<input type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input checked="" type="checkbox"/> Operational work <input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>
<input checked="" type="checkbox"/> Development permit <input type="checkbox"/> Preliminary approval <input type="checkbox"/> Preliminary approval that includes a variation approval
c) What is the level of assessment?
<input checked="" type="checkbox"/> Code assessment <input type="checkbox"/> Impact assessment <i>(requires public notification)</i>
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i>
Operational Works and the Approved Reconfiguration
e) Relevant plans <i>Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms guide: Relevant plans.</i>
<input checked="" type="checkbox"/> Relevant plans of the proposed development are attached to the development application
6.2) Provide details about the second development aspect
a) What is the type of development? <i>(tick only one box)</i>
<input type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input type="checkbox"/> Operational work <input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>
<input type="checkbox"/> Development permit <input type="checkbox"/> Preliminary approval <input type="checkbox"/> Preliminary approval that includes a variation approval
c) What is the level of assessment?
<input type="checkbox"/> Code assessment <input type="checkbox"/> Impact assessment <i>(requires public notification)</i>
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i>
e) Relevant plans <i>Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans.</i>
<input type="checkbox"/> Relevant plans of the proposed development are attached to the development application
6.3) Additional aspects of development
<input type="checkbox"/> Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application
<input checked="" type="checkbox"/> Not required

Section 2 – Further development details

7) Does the proposed development application involve any of the following?	
Material change of use	<input type="checkbox"/> Yes – complete division 1 if assessable against a local planning instrument
Reconfiguring a lot	<input type="checkbox"/> Yes – complete division 2
Operational work	<input checked="" type="checkbox"/> Yes – complete division 3
Building work	<input type="checkbox"/> Yes – complete <i>DA Form 2 – Building work details</i>

Division 1 – Material change of use

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

8.1) Describe the proposed material change of use			
Provide a general description of the proposed use	Provide the planning scheme definition <i>(include each definition in a new row)</i>	Number of dwelling units <i>(if applicable)</i>	Gross floor area (m ²) <i>(if applicable)</i>

8.2) Does the proposed use involve the use of existing buildings on the premises?	
<input type="checkbox"/> Yes	
<input type="checkbox"/> No	

Division 2 – Reconfiguring a lot

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

9.1) What is the total number of existing lots making up the premises?	

9.2) What is the nature of the lot reconfiguration? <i>(tick all applicable boxes)</i>	
<input type="checkbox"/> Subdivision <i>(complete 10)</i>	<input type="checkbox"/> Dividing land into parts by agreement <i>(complete 11)</i>
<input type="checkbox"/> Boundary realignment <i>(complete 12)</i>	<input type="checkbox"/> Creating or changing an easement giving access to a lot from a constructed road <i>(complete 13)</i>

10) Subdivision				
10.1) For this development, how many lots are being created and what is the intended use of those lots:				
Intended use of lots created	Residential	Commercial	Industrial	Other, please specify:
Number of lots created				

10.2) Will the subdivision be staged?	
<input type="checkbox"/> Yes – provide additional details below	
<input type="checkbox"/> No	
How many stages will the works include?	
What stage(s) will this development application apply to?	

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?				
Intended use of parts created	Residential	Commercial	Industrial	Other, please specify:
Number of parts created				

12) Boundary realignment			
12.1) What are the current and proposed areas for each lot comprising the premises?			
Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)
12.2) What is the reason for the boundary realignment?			

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)				
Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

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

14.1) What is the nature of the operational work?	
<input checked="" type="checkbox"/> Road work <input checked="" type="checkbox"/> Drainage work <input type="checkbox"/> Landscaping <input type="checkbox"/> Other – please specify:	<input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Earthworks <input type="checkbox"/> Signage <input checked="" type="checkbox"/> Water infrastructure <input type="checkbox"/> Sewage infrastructure <input type="checkbox"/> Clearing vegetation
14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)	
<input checked="" type="checkbox"/> Yes – specify number of new lots:	5 and a Balance Allotment
<input type="checkbox"/> No	
14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$ TBD	

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Mareeba Shire Council
16) Has the local government agreed to apply a superseded planning scheme for this development application?
<input type="checkbox"/> Yes – a copy of the decision notice is attached to this development application <input type="checkbox"/> The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached <input checked="" type="checkbox"/> No

PART 5 – REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements?

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

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

Matters requiring referral to the **Chief Executive of the Planning Act 2016:**

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

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

- Airport land
- Environmentally relevant activities (ERA) (*only if the ERA has been devolved to local government*)

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

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

PART 6 – INFORMATION REQUEST

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

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)			
<input checked="" type="checkbox"/> Yes – provide details below or include details in a schedule to this development application <input type="checkbox"/> No			
List of approval/development application references	Reference number	Date	Assessment manager
<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Development application	REC/07/0074	19 August, 2015	Mareeba Shire Council
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)		
<input type="checkbox"/> Yes – a copy of the receipted QLeave form is attached to this development application <input type="checkbox"/> No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid <input checked="" type="checkbox"/> Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)		
Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?
<input type="checkbox"/> Yes – show cause or enforcement notice is attached <input checked="" type="checkbox"/> No

23) Further legislative requirements	
Environmentally relevant activities	
23.1) Is this development application also taken to be an application for an environmental authority for an Environmentally Relevant Activity (ERA) under section 115 of the <i>Environmental Protection Act 1994</i> ?	
<input type="checkbox"/> Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below <input checked="" type="checkbox"/> No <i>Note: Application for an environmental authority can be found by searching “ESR/2015/1791” as a search term at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.</i>	
Proposed ERA number:	Proposed ERA threshold:
Proposed ERA name:	
<input type="checkbox"/> Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.	
Hazardous chemical facilities	
23.2) Is this development application for a hazardous chemical facility ?	
<input type="checkbox"/> Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application <input checked="" type="checkbox"/> No <i>Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.</i>	

Clearing native vegetation

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

- Yes – this development application includes written confirmation from the chief executive of the *Vegetation Management Act 1999* (s22A determination)
- No

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

Environmental offsets

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

- Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter
- No

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

Koala habitat in SEQ Region

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

- Yes – the development application involves premises in the koala habitat area in the koala priority area
- Yes – the development application involves premises in the koala habitat area outside the koala priority area
- No

Note: If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at www.des.qld.gov.au for further information.

Water resources

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

- Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the *Water Act 2000* may be required prior to commencing development
- No

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

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

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

Waterway barrier works

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

- Yes – the relevant template is completed and attached to this development application
- No

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

Marine activities

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

- Yes – an associated resource allocation authority is attached to this development application, if required under the *Fisheries Act 1994*
- No

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

Quarry materials from a watercourse or lake

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

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

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

Quarry materials from land under tidal waters

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

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

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

Referable dams

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

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

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

Tidal work or development within a coastal management district

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

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

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

Queensland and local heritage places

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

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

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

Name of the heritage place:		Place ID:	
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Brothels

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

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

Decision under section 62 of the Transport Infrastructure Act 1994

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

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

Walkable neighbourhoods assessment benchmarks under Schedule 12A of the Planning Regulation

23.16) Does this development application involve reconfiguring a lot into 2 or more lots in certain residential zones (except rural residential zones), where at least one road is created or extended?

- Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered
- No

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

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist

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

25) Applicant declaration

- By making this development application, I declare that all information in this development application is true and correct
- Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the *Electronic Transactions Act 2001*

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

Privacy – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website.

Personal information will not be disclosed for a purpose unrelated to the *Planning Act 2016*, *Planning Regulation 2017* and the DA Rules except where:

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

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

PART 9 – FOR COMPLETION OF THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

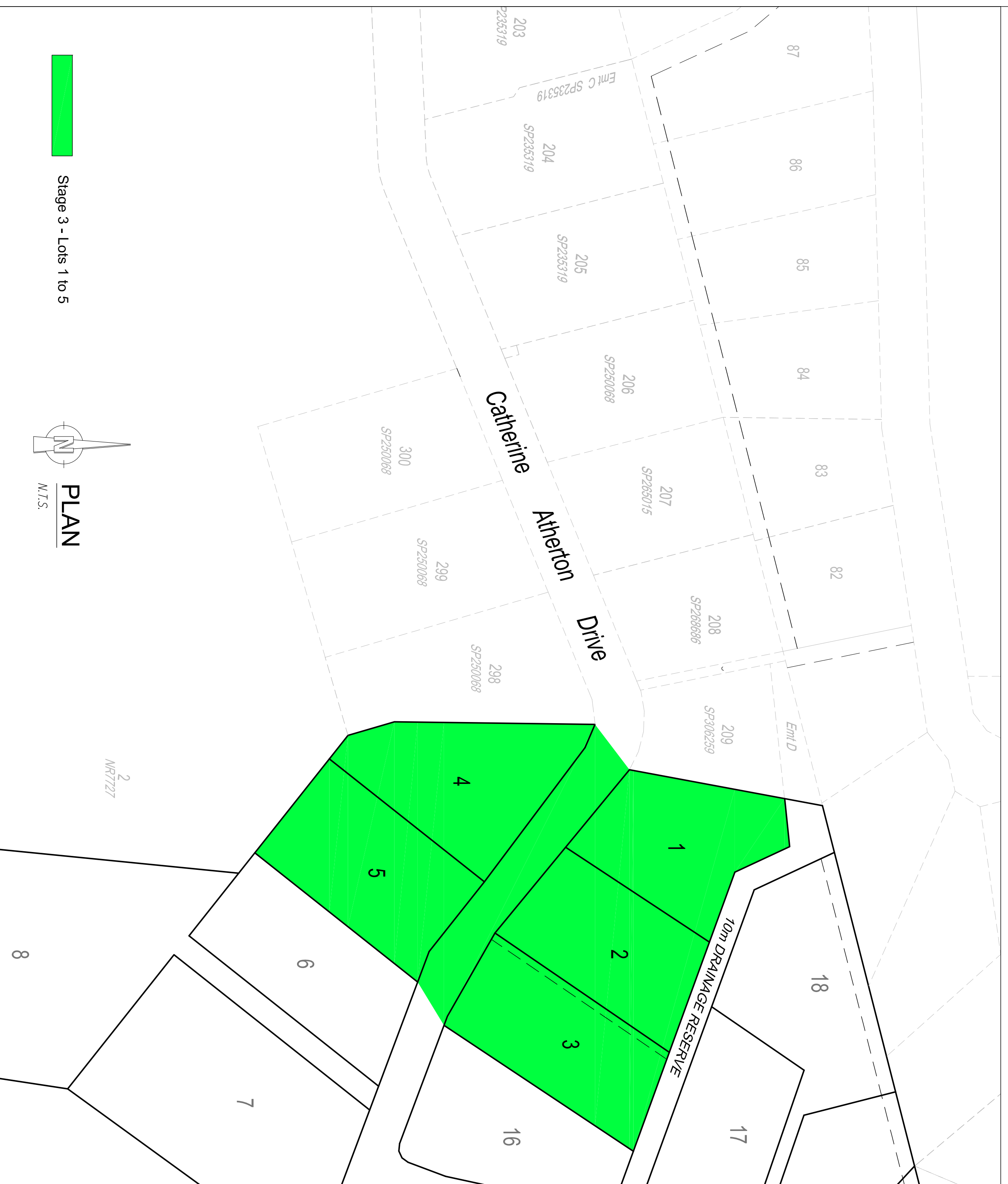
Date received: Reference number(s):

Notification of engagement of alternative assessment manager	
Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Relevant licence number(s) of chosen assessment manager	

QLeave notification and payment			
<i>Note: For completion by assessment manager if applicable</i>			
Description of the work			
QLeave project number			
Amount paid (\$)		Date paid (dd/mm/yy)	
Date receipted form sighted by assessment manager			
Name of officer who sighted the form			

THE RISE ESTATE RURAL RESIDENTIAL SUBDIVISION STAGE 3 OPERATIONAL WORKS DRAWINGS

DRAWING INDEX			
Drawing Number	Rev.	Date	Drawing Description
TR21-001-C01	B	01/06/22	COVER SHEET
TR21-001-C02	A	24/06/21	CONCEPTUAL PLAN
TR21-001-C03	A	24/06/21	SITE PLAN - STAGE 3
TR21-001-C04	B	24/05/22	LAYOUT PLAN - STAGE 3
TR21-001-C05	A	24/06/21	TYPICAL CROSS SECTIONS
TR21-001-C06	A	24/06/21	CATHERINE ATHERTON DRIVE-LONGITUDINAL SECTION
TR21-001-C07	A	24/06/21	CATHERINE ATHERTON DRIVE-CROSS SECTIONS
TR21-001-C08	A	24/06/21	CATHERINE ATHERTON DRIVE-CROSS SECTIONS
TR21-001-C09	B	24/05/22	STORMWATER DRAINAGE LAYOUT PLAN - STAGE 3
TR21-001-C10	A	24/06/21	STORMWATER DRAINAGE LONGITUDINAL SECTIONS - STAGE 3
TR21-001-C11	B	24/05/22	EARTHWORKS LAYOUT PLAN - STAGE 3
TR21-001-C12	B	24/05/22	EROSION & SEDIMENT CONTROL STRATEGY PLAN - STAGE 3
TR21-001-C13	B	01/06/22	WATER RETICULATION LAYOUT PLAN - STAGE 3



FNQROC STANDARD DRAWINGS		
Drawing Number	Rev.	Drawing Description
S1005	E	TYPICAL ROAD CROSS SECTION - TYPE 1,2 & 3
S1006	D	TYPICAL ROAD CROSS SECTION - TYPE 4,5 & 6
S1010	B	PUBLIC UTILITIES ON ROAD VERGES
S1046	B	EXCAVATION, BEDDING AND BACKFILLING OF CONCRETE PIPES
S1050	C	GRADED KERB INLET PIT PIPE DIA. <600
S1060	C	KERB INLET GRATE & FRAME
S1065	B	STORMWATER MANHOLES 1050 & 1500.
S2000	A	MSC VALVE BOX INSTALLATION
S2005	A	MSC HYDRANT BOX INSTALLATION
S2010	E	KERB/ROAD MARKERS
S2015	A	MSC THRUST BLOCK DETAILS
S2016	B	WATER RETICULATION BEDDING DETAILS
S2020	D	MSC MAIN CONNECTION DETAILS
S2060	A	MSC DOMESTIC WATER SERVICE CONNECTION DETAILS

Ref	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	24/06/21	W.S.
B.	ISSUE B	24/05/22	W.S.

DRAWN: L.D. CHECKED: W.S.
 CAD FILE: AUTOCAD PROJECTS\TR21-001-THE RISE STAGE 3 OP WORKS 2021.DWG DATE: 24/05/22 APPROVED:

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 E: highroad@westnet.com.au - M: 0447 616 747

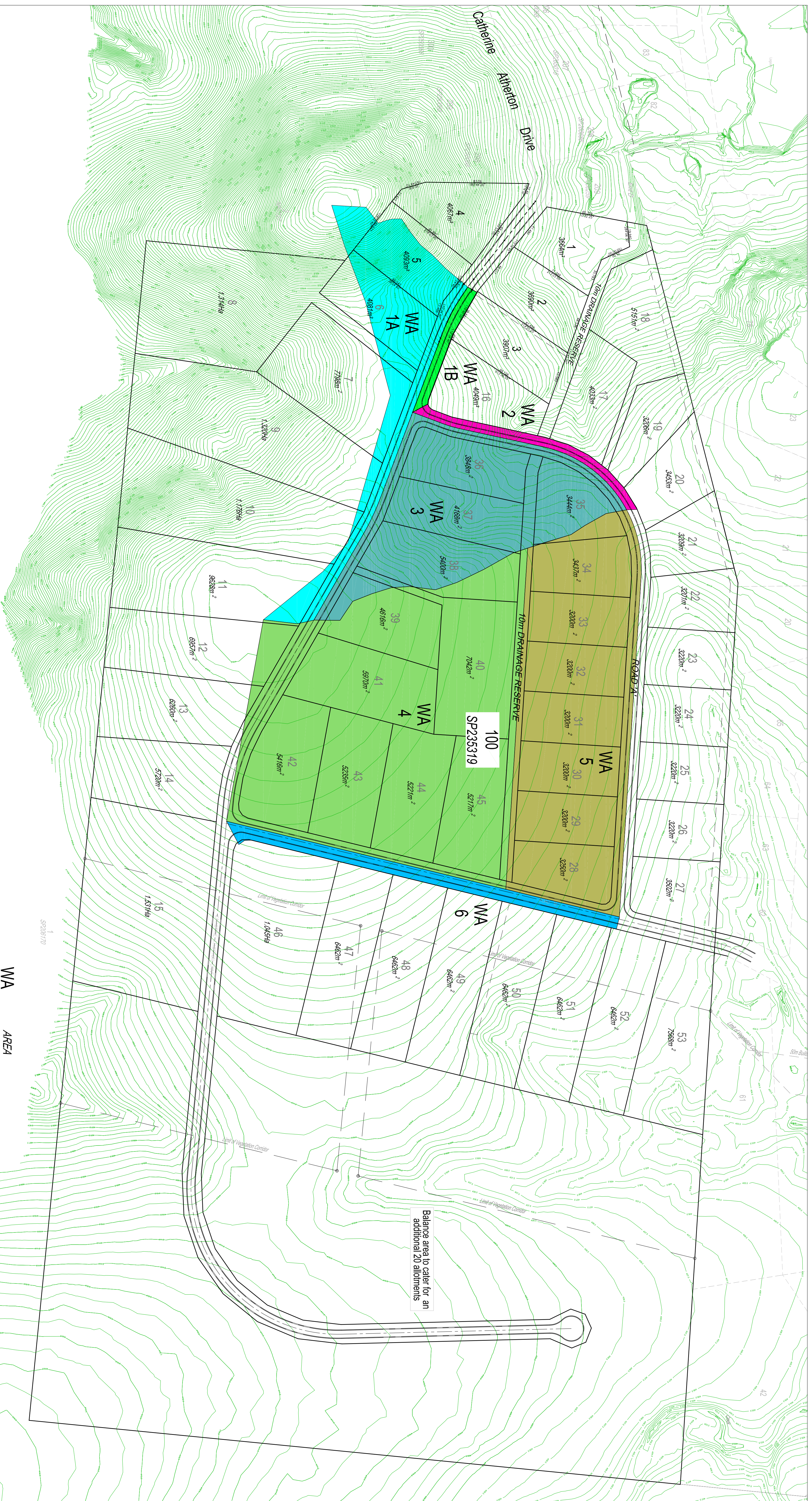
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DATUMS:
 GDA94 ZONE 55
 AUSTRALIAN HEIGHT DATUM (AHD)

Client: THE RISE UNIT TRUST
 Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
 Title: COVER SHEET

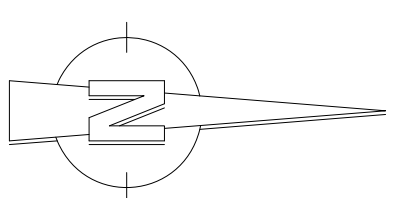
Plan No: TR21-001-C01
 Sheet: 1 Issue: B





NOTES .

1. LEVEL DATUM: AHD
2. ORIGIN OF LEVELS: PSM187734; RL 406.691
CATHERINE ATHERTON, DRIVE.
3. EXISTING SURFACE CONTOUR INTERVAL: 0.25m
INDEXED: 0.50m
4. CONTOUR INFORMATION IS DERIVED FROM LIDAR DATA.



PLAN
Scale 1:1500

WA	AREA
1A	1.1912Ha
1B	0.0927Ha
2	0.1500Ha
3	1.9377Ha
4	4.5720Ha
5	2.7633Ha
6	0.3230Ha

PRELIMINARY
ISSUE
DATE 2021

Ref	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	21/06/21	W.S.
DRAWN: L.D. CHECKED: W.S. APPROVED: [Signature]			
CAD FILE: AUTOCAD PROJECTS\TR21-001 - THE RISE\STAGE 3 GP WORKS 2021.DWG DATE: 24/06/21			



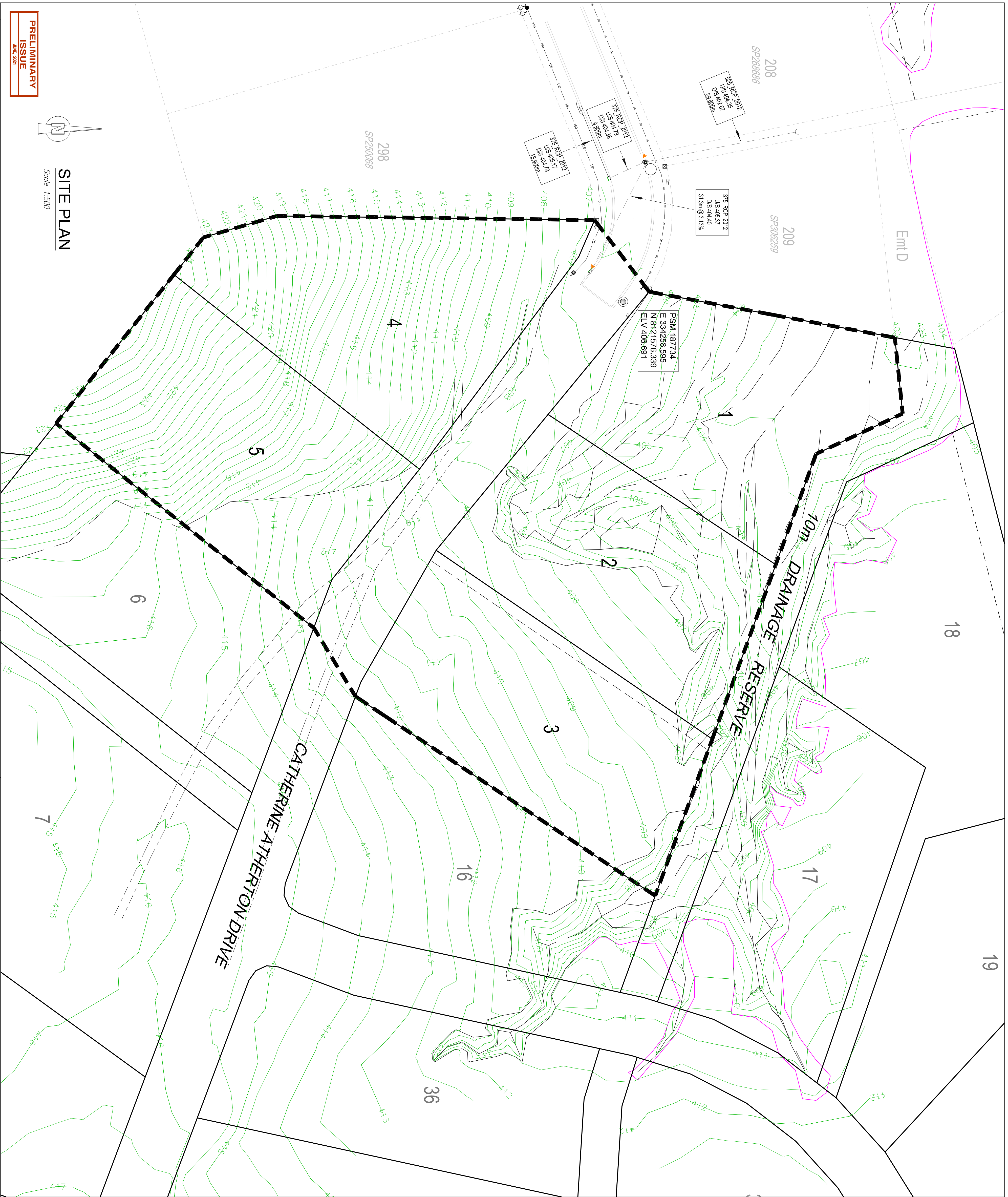
1 Pousum Close, Innisfil, QLD 4860
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DATUMS:
GDA94 ZONE 55
AUSTRALIAN HEIGHT DATUM (AHD)

Client: **THE RISE RURAL TRUST**
Project: **THE RISE RURAL RESIDENTIAL SUBDIVISION**
Title: **MASTER PLAN - GENARAL ARRANGEMENT PLAN**

Plan No: TR21-001-C02
Sheet: 2
Issue: A

PRELIMINARY
ISSUE
DATE 2021



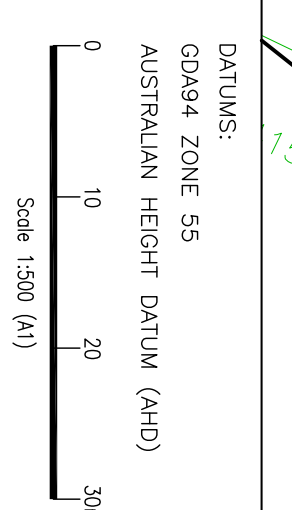
SITE PLAN
Scale 1:500

PRELIMINARY ISSUE
DATE: 2021

Ref	Revision	Notes	Date	Sign
A1	PRELIMINARY ISSUE		24/06/21	W.S.
	CHECKED	W.S.		
	APPROVED			

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Client: THE RISE UNIT TRUST
Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Title: SITE PLAN

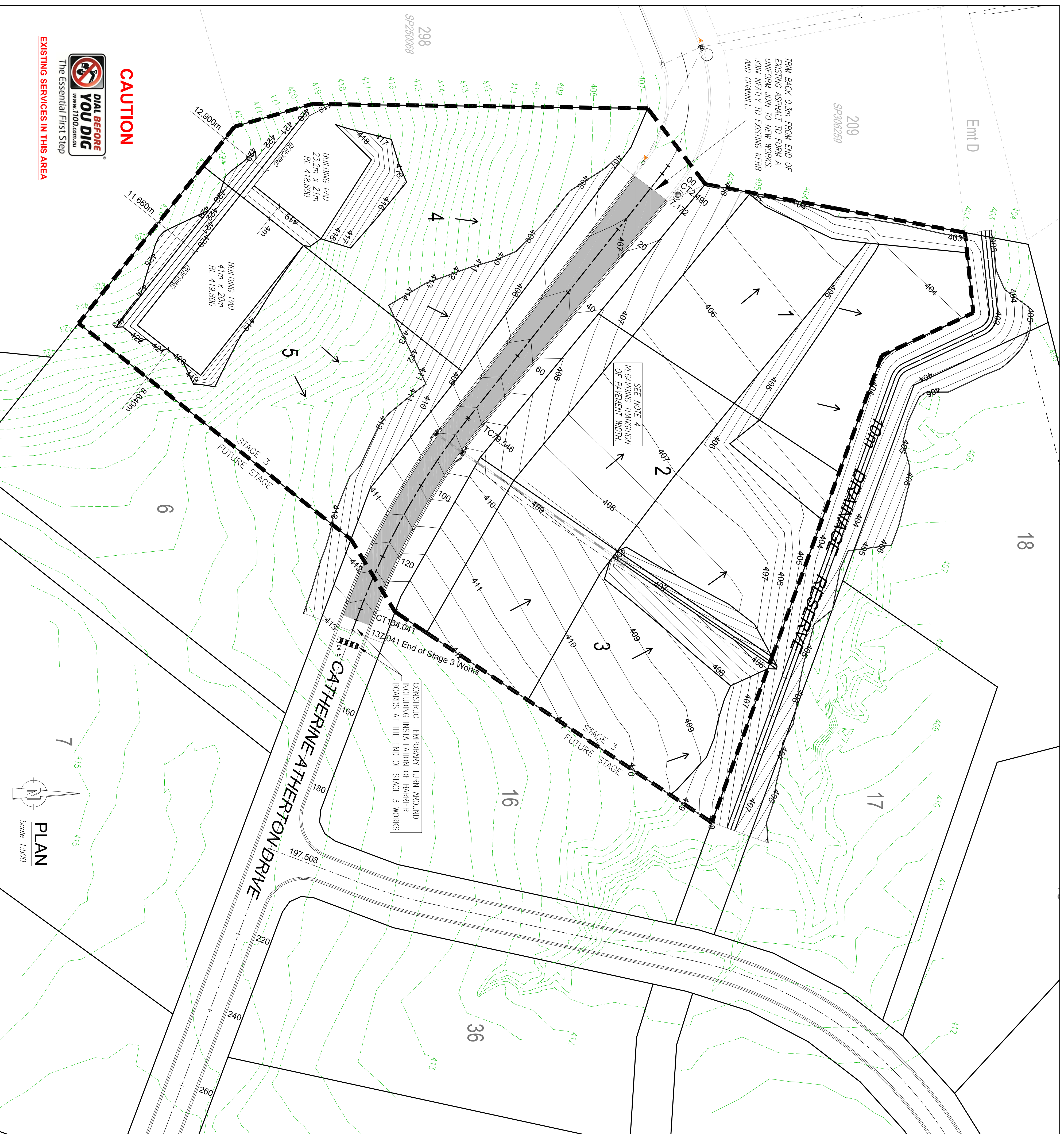
LEGEND

- Contour Interval 0.50m
- Bitumen
- Elec cabling
- Telstra cabling
- Top of bank
- Stormwater Drainage
- Water cabling
- Electricity Pillar
- Electricity Light Pole
- Telstra Pit
- Water Fire Hydrant
- Water Meter
- Water Stop Valve
- Water Top
- Stage 3 Boundary

NOTES

1. LEVEL DATUM: AHD
2. ORIGIN OF LEVELS: PSM187734; RL 406.691
CATHERINE ATHERTON DRIVE.
3. NATURAL SURFACE CONTOUR INTERVAL: 0.50m
INDEXED: 1.00m
4. DETAILS OF EXISTING SERVICES ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR IS TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORK.
5. REFER TO ENDOC SPECIFICATIONS AND DRAWINGS FOR EARTHWORKS, ROADWORKS, WATER AND STORMWATER DRAINAGE.

Print No:	TR21-001-C03
Sheet	3
Issue:	A



- NOTES**
1. LEVEL DATUM: AHD
 2. ORIGIN OF LEVELS: PSM187734; RL 406.691 CATHERINE ATHERTON DRIVE.
 3. DESIGN SURFACE CONTOUR INTERVAL: 0.50m INDEXED: 1.00m
 4. CATHERINE ATHERTON DRIVE PAVEMENT WIDTH TO TRANSITION FROM 10.15m WIDE (Ch7.106) TO 7.50m WIDE AT CH75.00 - REFER TO CROSS SECTIONS

LEGEND

- ASPHALT SURFACING REFER DRAWING TR21-001-C05 FOR PAVEMENT DETAILS
- EXISTING SURFACE CONTOURS WITH LABELS
- DESIGN SURFACE CONTOURS WITH LABELS
- FALL OF LOTS/DIRECTION OF OVERLAND FLOWS
- STAGE 3 BOUNDARY

CATHERINE ATHERTON DRIVE CONTROL LINE

CHANGAGE	EASTING	NORTHING	DESIGN LEVEL	BEARING	RADIUS
7.172	334257.091	8121569.520	406.861	128d25'12"	
10.000	334259.306	8121567.763	406.900	128d25'12"	
20.000	334267.141	8121561.549	407.059	128d25'12"	
40.000	334282.811	8121549.120	407.527	128d25'12"	
45.000	334286.728	8121546.013	407.670	128d25'12"	
60.000	334298.480	8121536.692	408.197	128d25'12"	
TC79.546	334313.794	8121524.546	409.183	128d25'12"	175.00
80.000	334314.150	8121524.264	409.210		175.00
85.000	334318.119	8121521.223	409.518		175.00
100.000	334330.525	8121512.799	410.477		175.00
120.000	334348.100	8121503.277	411.755		175.00
CT134.041	334361.033	8121497.820	412.652	110d34'41"	175.00
140.000	334366.612	8121495.726	413.033	110d34'41"	175.00

Ref:	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	24/06/21	W.S.
B.	AMENDED DESIGN SURFACE CONTOURS, ADDED BUILDING PADS	24/05/22	W.S.

DRAWN: L.D. CHECKED: W.S. APPROVED: [Signature]

CAO FILE: AUTOCAD PROJECT\TR21-001 THE RISE STAGE 3 OP WORKS 2021.DWG

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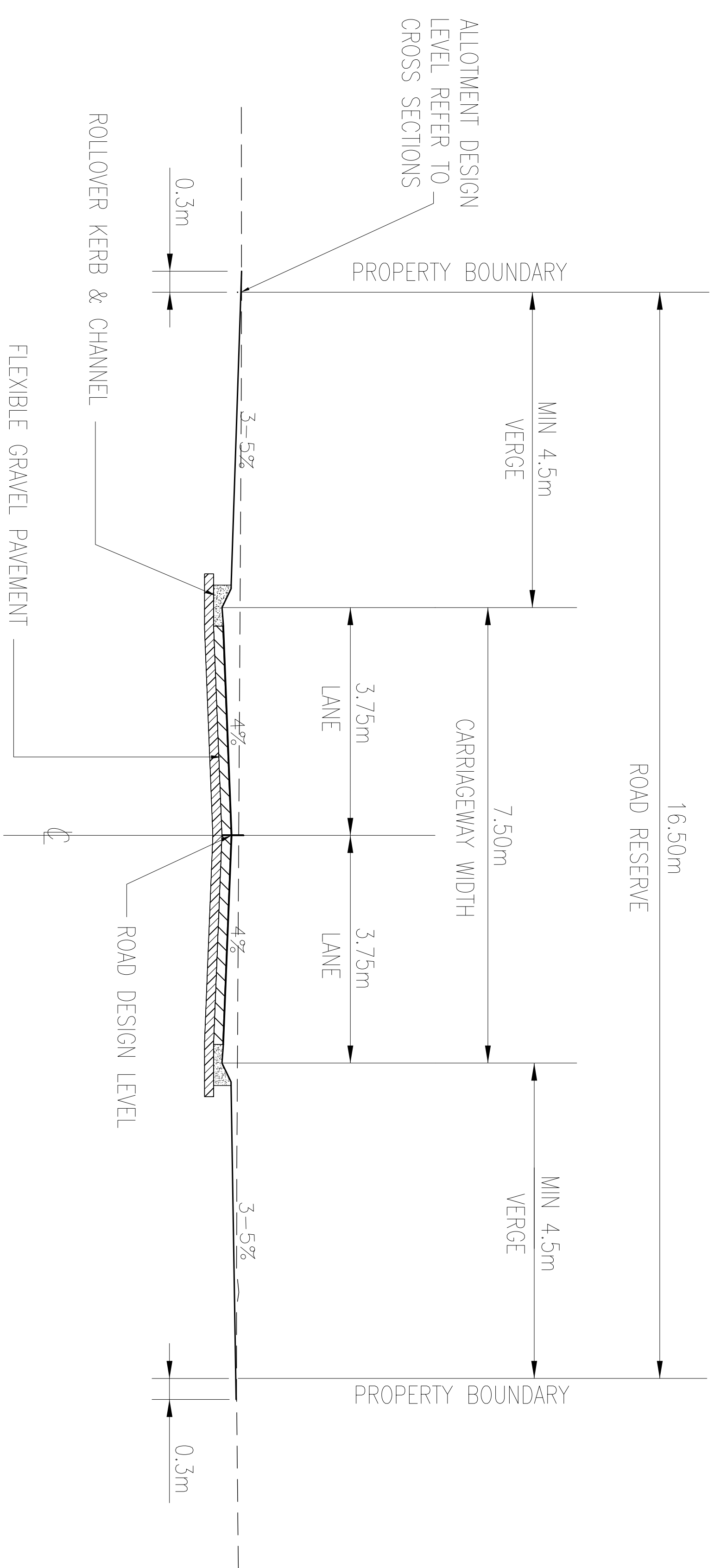
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GDA84 ZONE 55
AUSTRALIAN HEIGHT DATUM (AHD)
Scale 1:500 (A)

Client: THE RISE RURAL TRUST
Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Title: LAYOUT PLAN

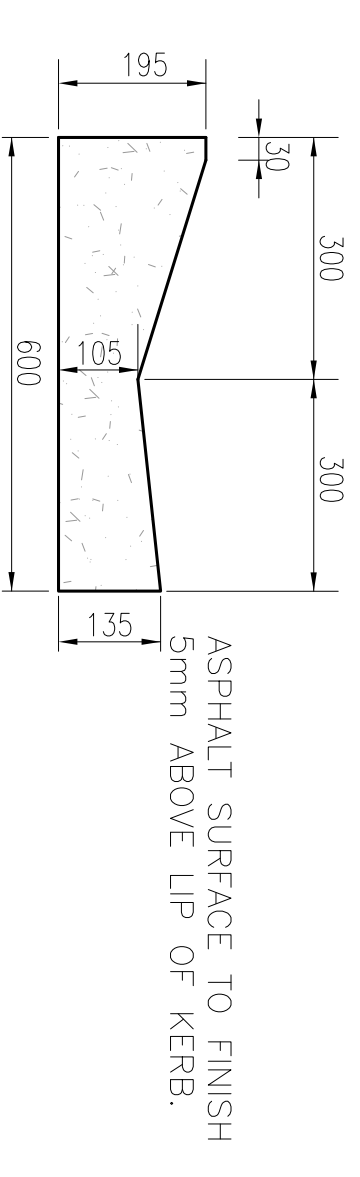
Plan No: TR21-001-C04
Sheet: 4
Issue: B

PRELIMINARY ISSUE



TYPICAL CROSS SECTION- CATHERINE ATHERTON DRIVE Ch 79.546 - Ch 137.041

Scale 1:50 (A1)



ROLLOVER KERB AND CHANNEL

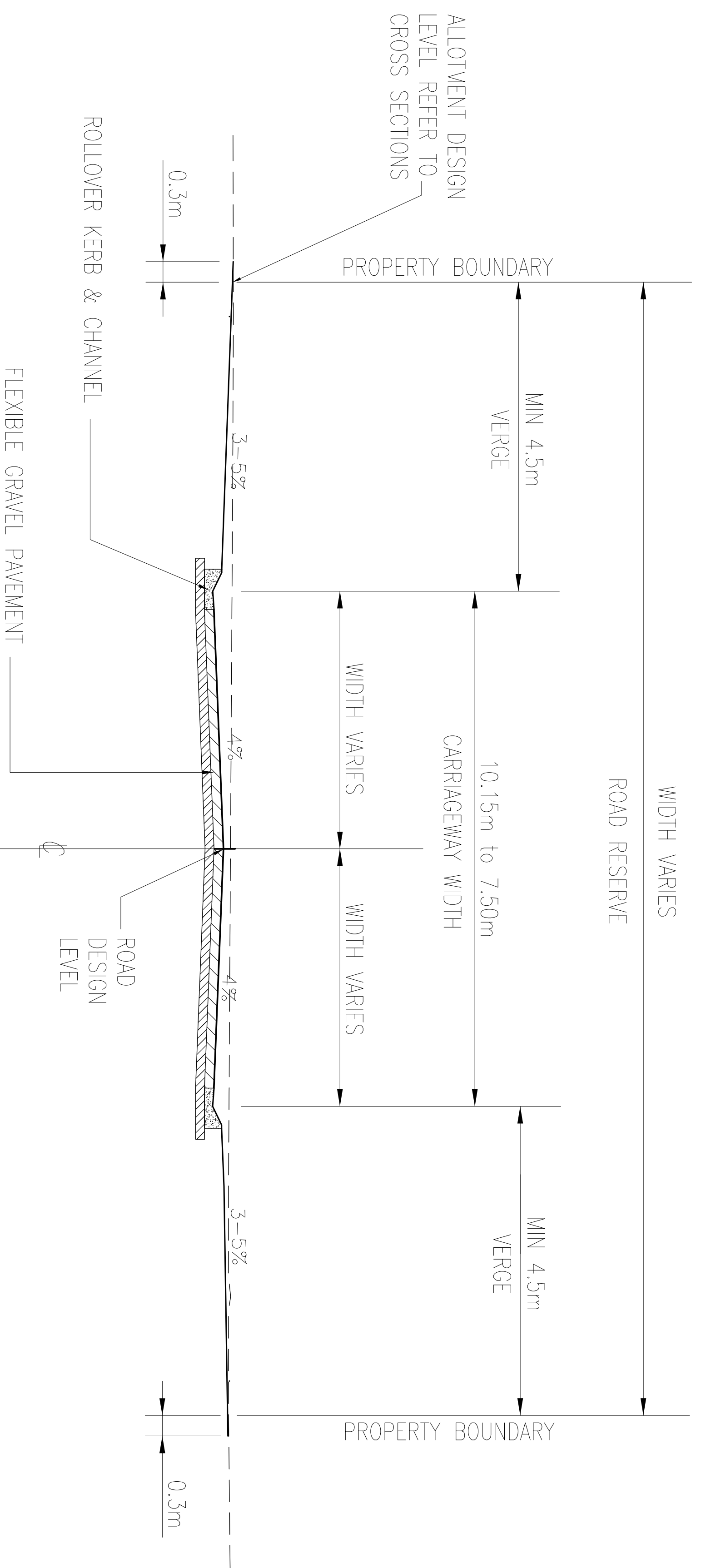
SCALE 1:10 (A1)



NOTE: SUBGRADE CBR RESULTS AND FINAL PAVEMENT DESIGN ARE TO BE SUBMITTED TO COUNCIL FOR APPROVAL PRIOR TO PLACEMENT OF GRAVEL.

PAVEMENT DETAIL

N.T.S.



TYPICAL CROSS SECTION-CATHERINE ATHERTON DRIVE - Ch 7.172 - Ch 79.546

Scale 1:50 (A1)

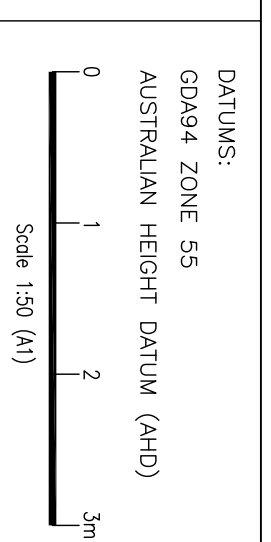
PAVEMENT NOTES

1. ALL CUL-DE-SAC HEADS AND INTERSECTION TURNOUTS ARE REQUIRED TO HAVE A MINIMUM 30MM ASPHALT SURFACE TREATMENT WITH A SINGLE COAT SEAL.
2. THE SUB-BASE LAYER SHALL EXTEND A MINIMUM OF 150MM BEHIND THE REAR FACE OF THE KERB AND CHANNEL.
3. THE BASE AND SURFACING SHALL EXTEND TO THE FACE OF ANY KERBING, WHERE THE TOP SURFACE OF THE SUB-BASE LAYER IS BELOW THE LEVEL OF THE UNDERSIDE OF THE KERB AND CHANNEL, THE BASE LAYER SHALL ALSO EXTEND A MINIMUM OF 150MM BEHIND THE REAR FACE OF THE KERB AND CHANNEL.

Ref	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	24/06/21	W.S.
	CHECKED	W.S.	APPROVED
	DRAWN	L.D.	

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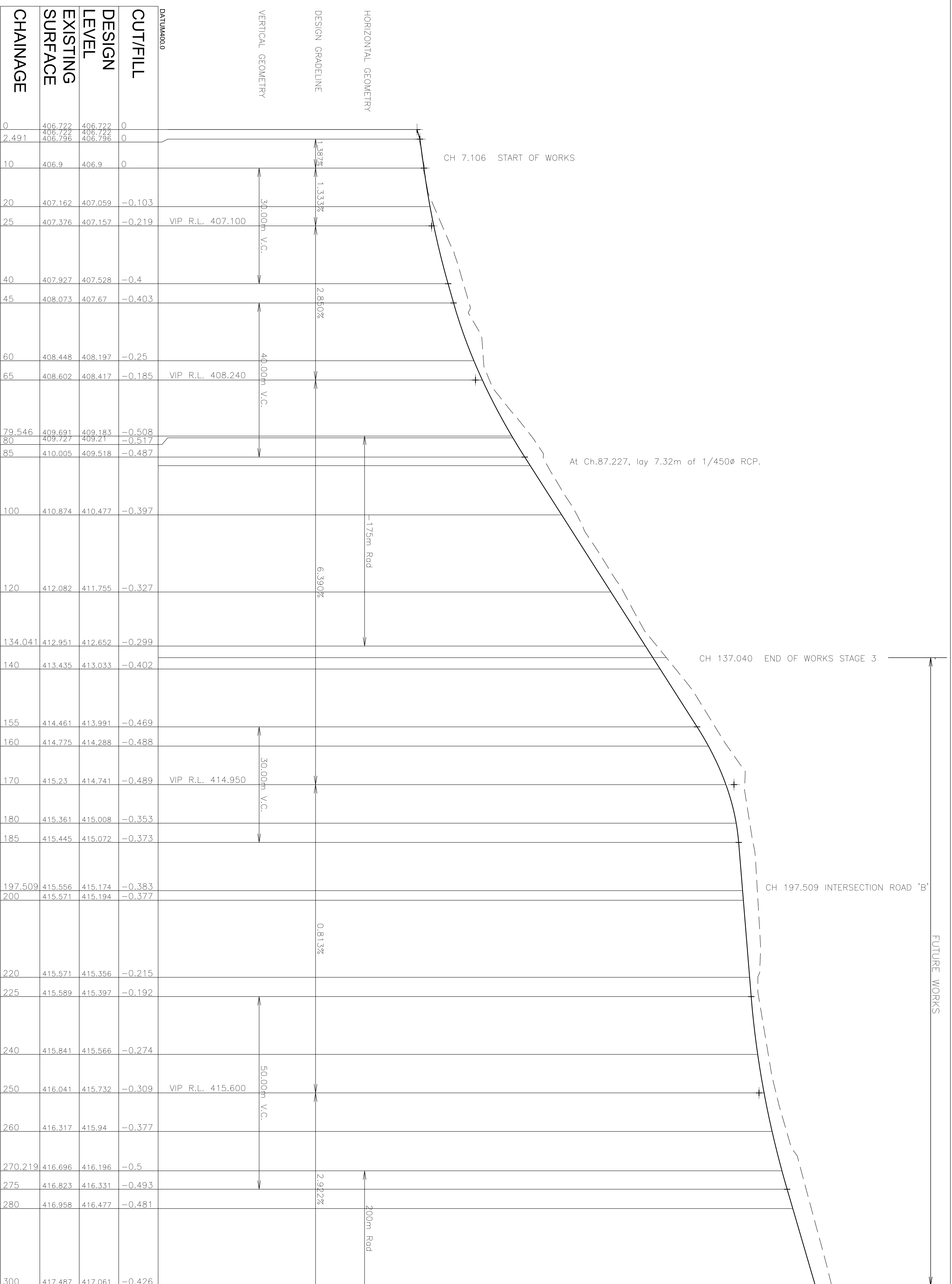
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Client: **THE RISE UNIT TRUST**
 Project: **THE RISE RURAL RESIDENTIAL SUBDIVISION**
 Title: **TYPICAL CROSS SECTIONS AND PAVEMENT DETAILS**

Plan No: TR21-001-C05
 Sheet: 5
 Issue: A

PRELIMINARY ISSUE
 JUNE 2021



CHAINAGE	EXISTING SURFACE	DESIGN LEVEL	CUT/FILL	VERTICAL GEOMETRY
0	406.722	406.722	0	
2.491	406.722	406.722	0	
	406.796	406.796		
10	406.9	406.9	0	
20	407.162	407.059	-0.103	
25	407.376	407.157	-0.219	VIP R.L. 407.100
40	407.927	407.528	-0.4	
45	408.073	407.67	-0.403	
60	408.448	408.197	-0.25	
65	408.602	408.417	-0.185	VIP R.L. 408.240
79.546	409.691	409.183	-0.508	
80	409.727	409.21	-0.517	
85	410.005	409.518	-0.487	
100	410.874	410.477	-0.397	
120	412.082	411.755	-0.327	
134.041	412.951	412.652	-0.299	
140	413.435	413.033	-0.402	
155	414.461	413.991	-0.469	
160	414.775	414.288	-0.488	
170	415.23	414.741	-0.489	VIP R.L. 414.950
180	415.361	415.008	-0.353	
185	415.445	415.072	-0.373	
197.509	415.556	415.174	-0.383	
200	415.571	415.194	-0.377	
220	415.571	415.356	-0.215	
225	415.589	415.397	-0.192	
240	415.841	415.566	-0.274	
250	416.041	415.732	-0.309	VIP R.L. 415.600
260	416.317	415.94	-0.377	
270.219	416.696	416.196	-0.5	
275	416.823	416.331	-0.493	
280	416.958	416.477	-0.481	
300	417.487	417.061	-0.426	

LONGITUDINAL SECTION - CATHERINE ATHERTON DRIVE

Hor. 1:500
Vert. 1:50

Ref:	Revision Notes	Date	Sign
A1	PRELIMINARY ISSUE	24/06/21	W.S.
CAO FILE: AUTOCAD PROJECTS\TR21-001 THE RISE\STAGE 3 OP WORKS 2021.DWG	CHECKED W.S.	APPROVED	
	L.D.	DATE: 24/06/21	

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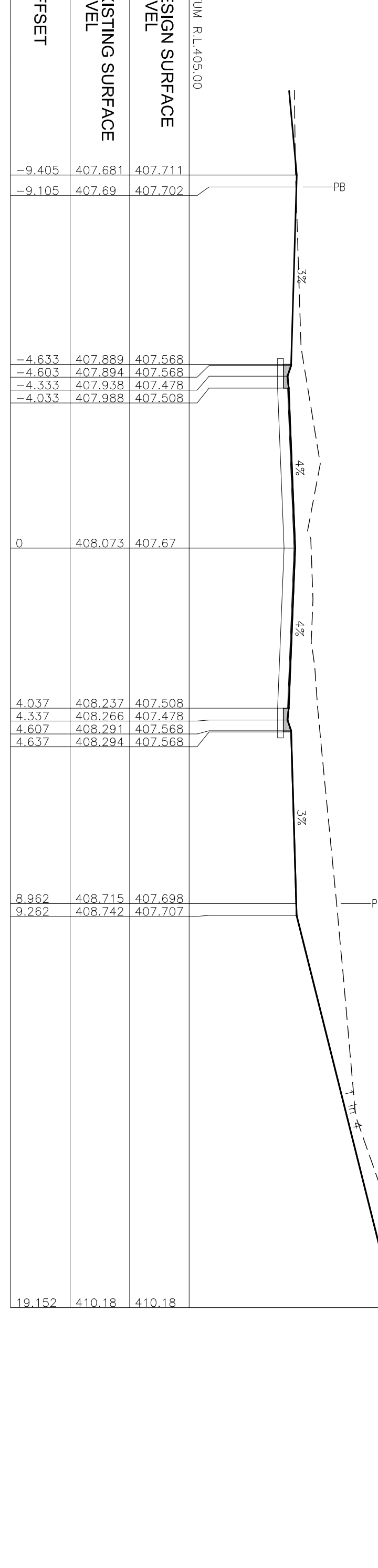
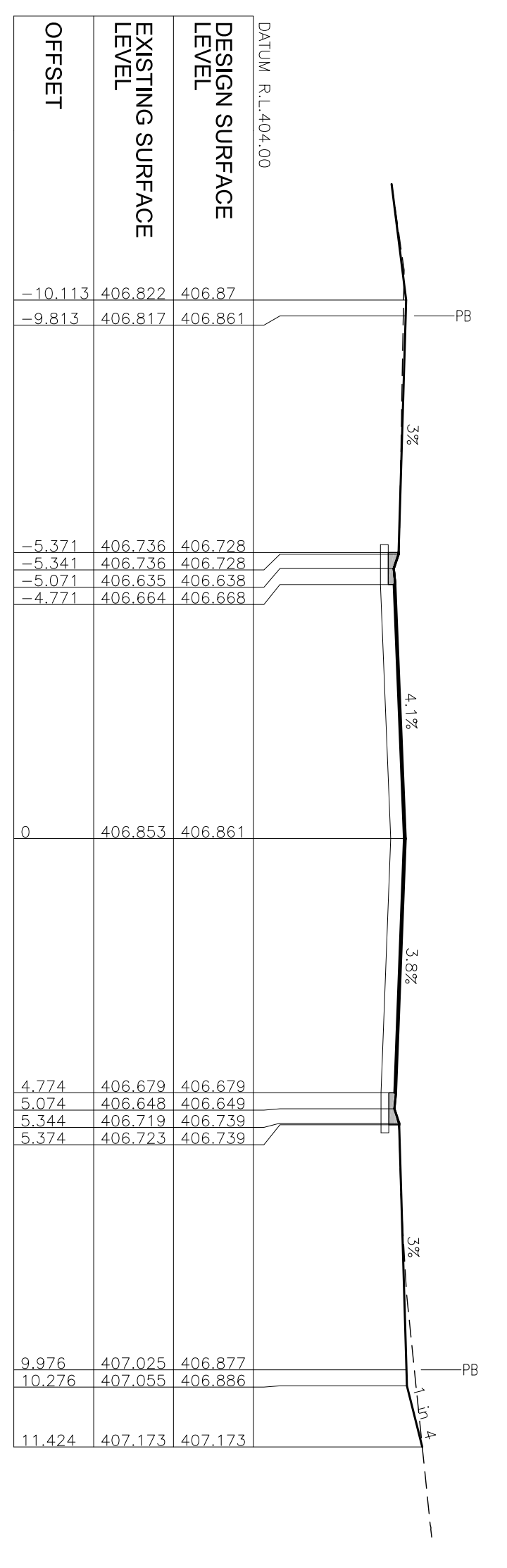
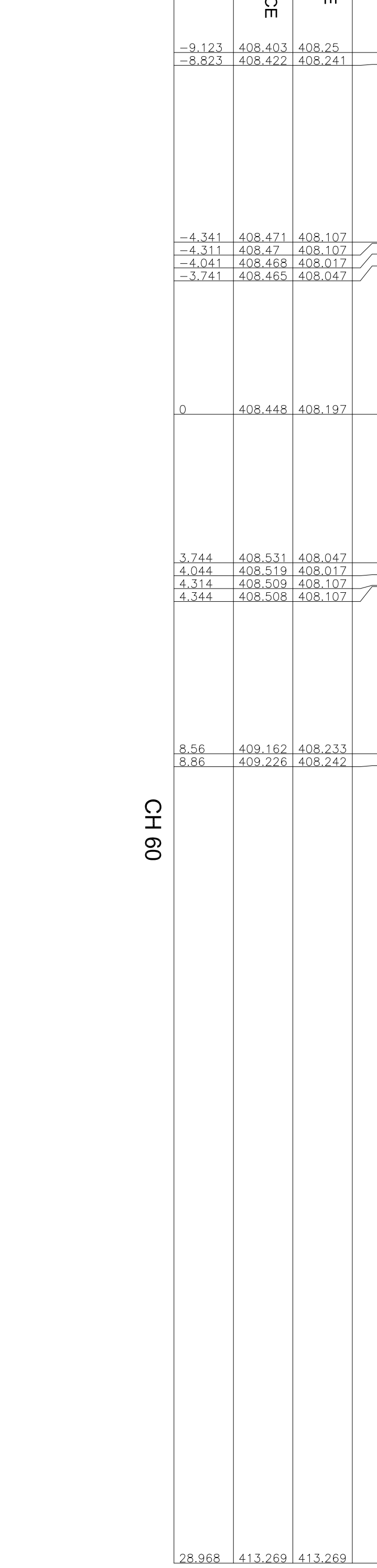
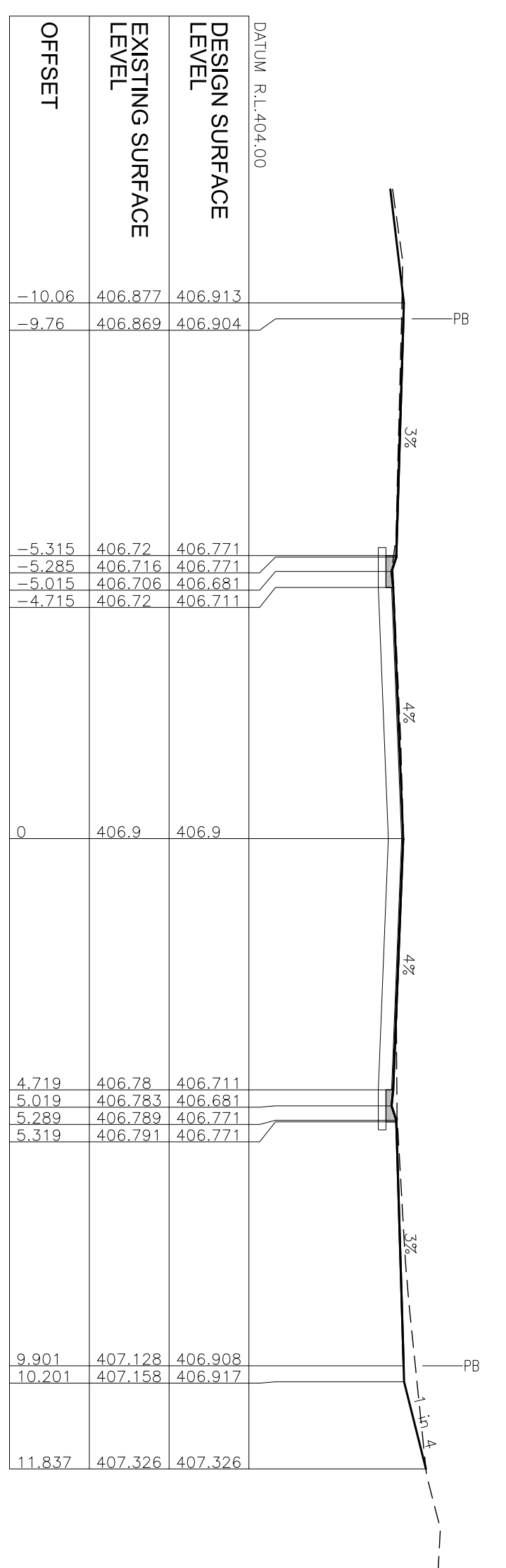
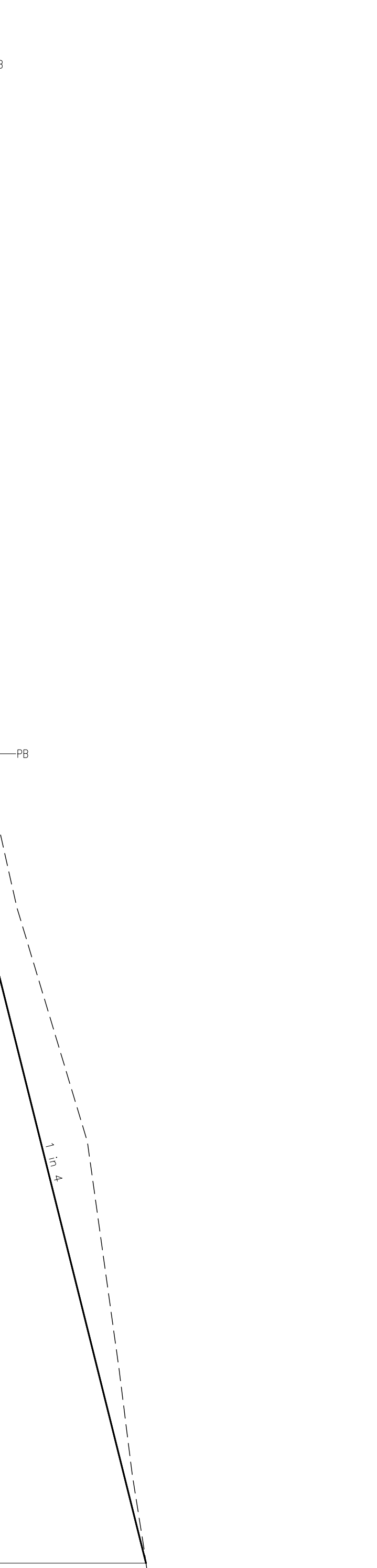
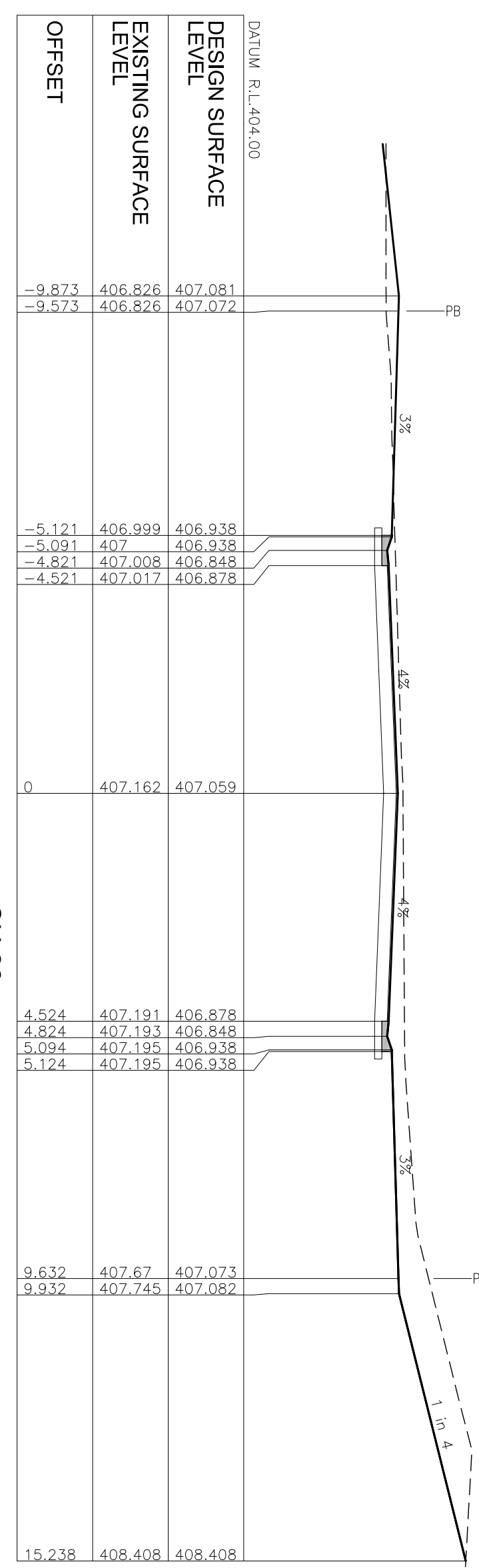
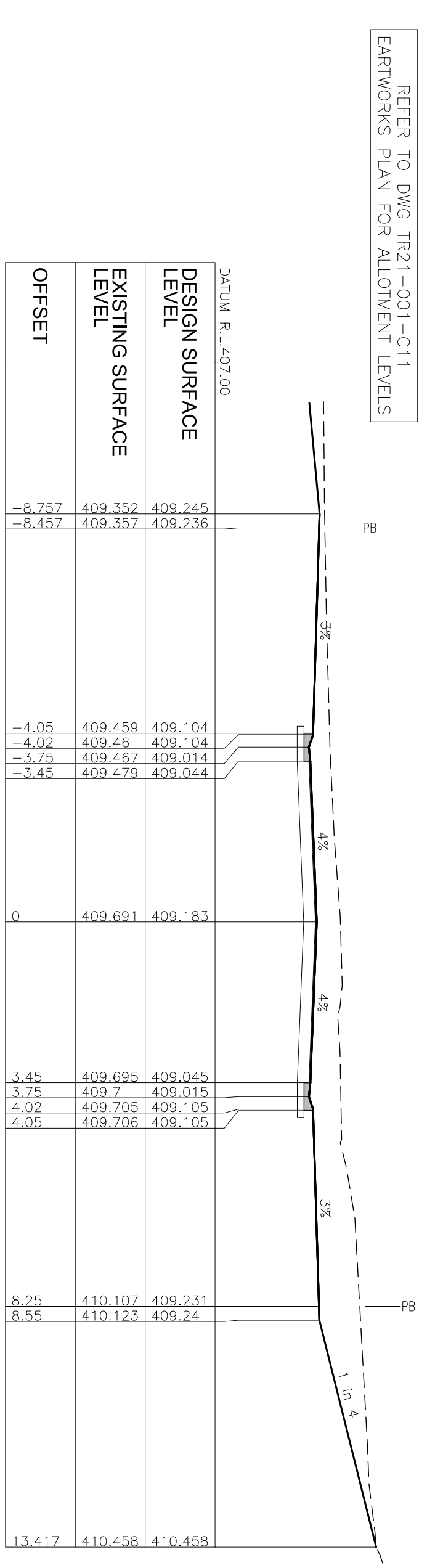
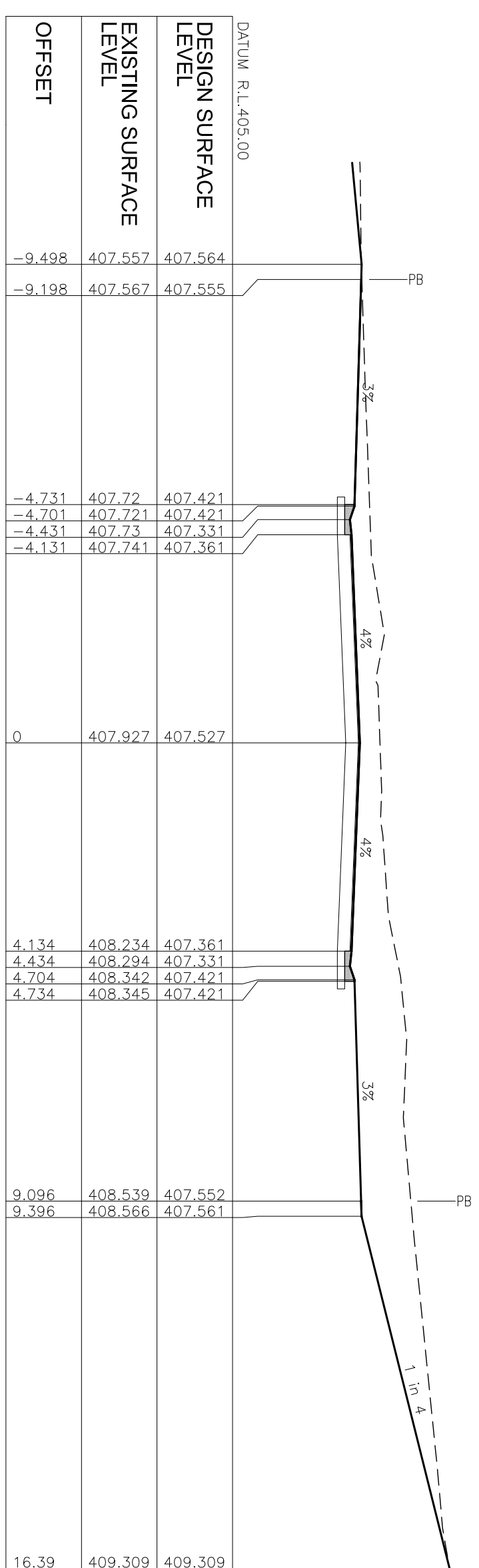
DATUMS:
GDA94 ZONE 55
AUSTRALIAN HEIGHT DATUM (AHD)

Scale 1:500 (H)

Client: THE RISE UNIT TRUST
Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Title: CATHERINE ATHERTON DRIVE - LONDTUDINAL SECTION

Plan No: TR21-001-C06
Sheet: 6
Issue: A

PRELIMINARY ISSUE
REV. 001

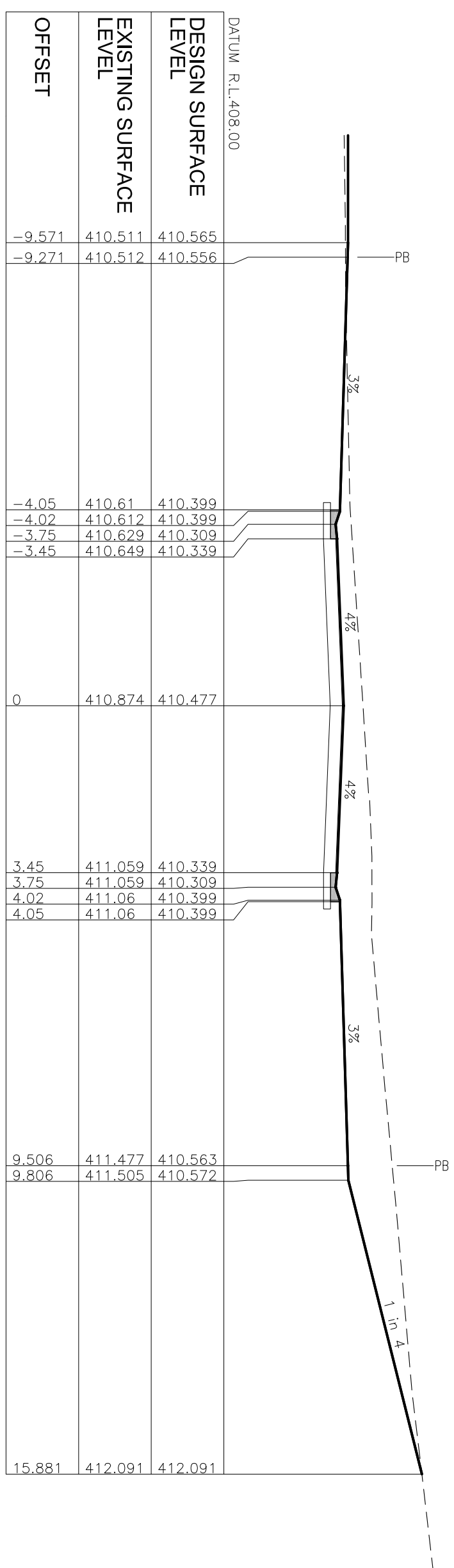


REFER TO DWG TR21-001-C11
EARTHWORKS PLAN FOR ALLOTMENT LEVELS

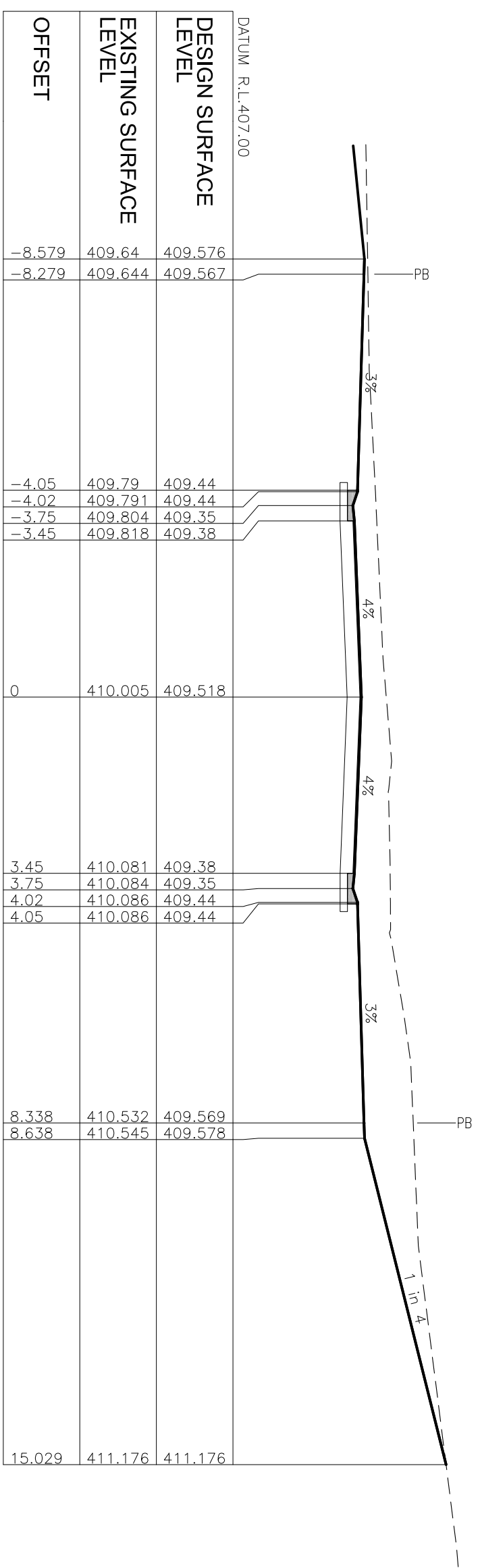
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EARTHWORKS PLAN FOR ALLOTMENT LEVELS

PRELIMINARY
ISSUE
DATE: 2021

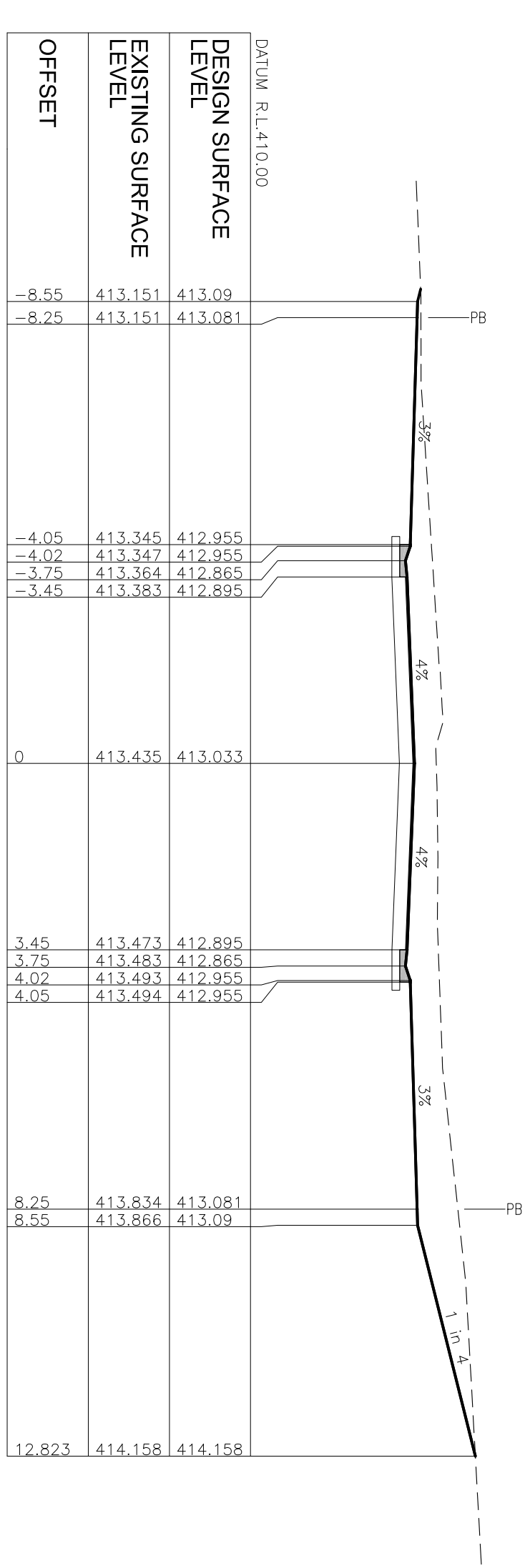
Ref:	Revision Notes	Date	Sign
A:	PRELIMINARY ISSUE	24/06/21	W.S.
DRAWN: W.S. CHECKED: W.S. APPROVED: DATE: 24/06/21			
CAD FILE: AUTOCAD PROJECTS\TR21-001 THE RISE STAGE 3 OP WORKS 2021.DWG			
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Client: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3		Plan No: TR21-001-C07	
Project: CATHERINE ATHERTON DRIVE - CROSS SECTIONS Ch 7.172 to Ch 79.546		Sheet: 7	
Title:		Issue: A	



CH 100



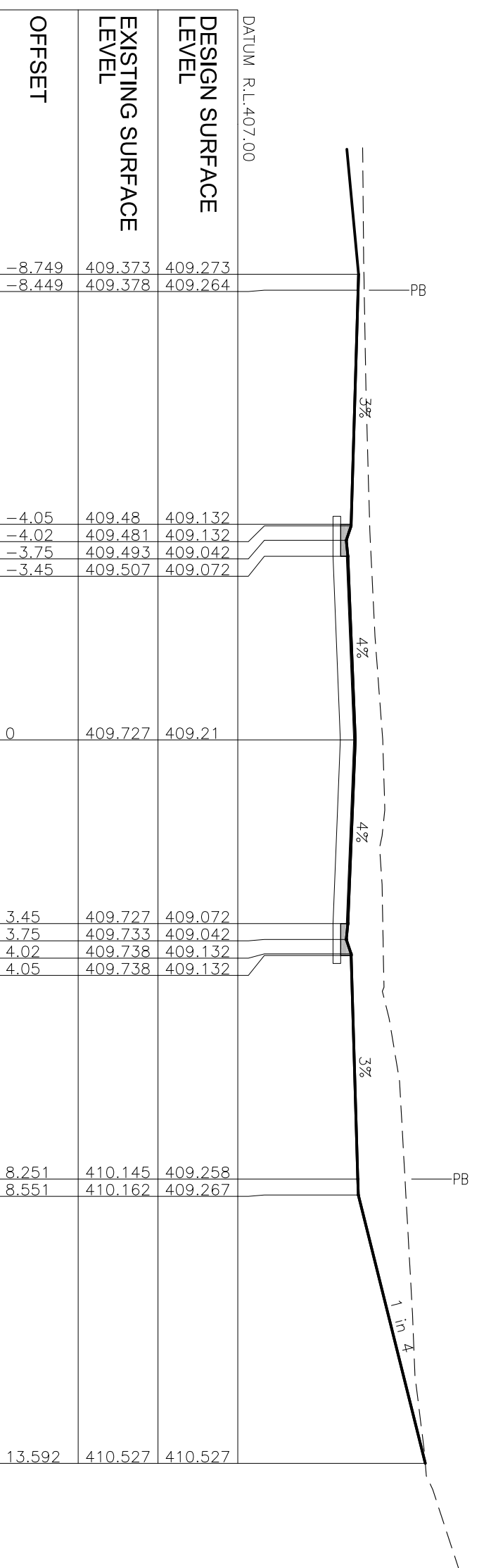
CH 85



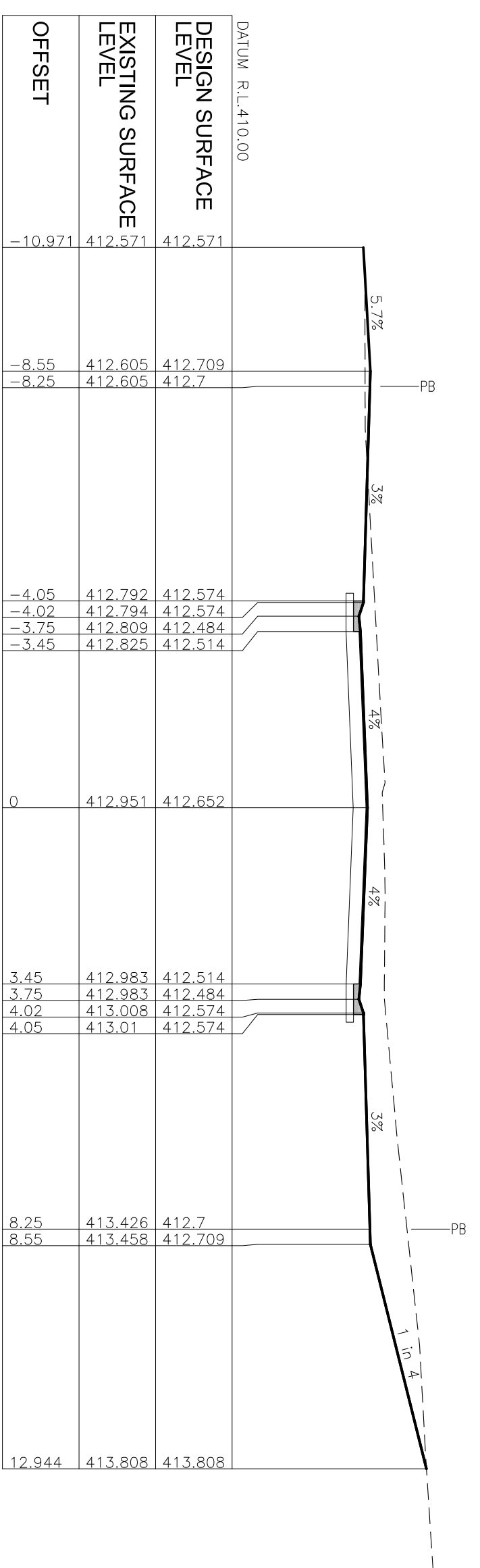
CH 140

REFER TO DWG TR21-001-C11
EARTWORKS PLAN FOR ALLOTMENT LEVELS

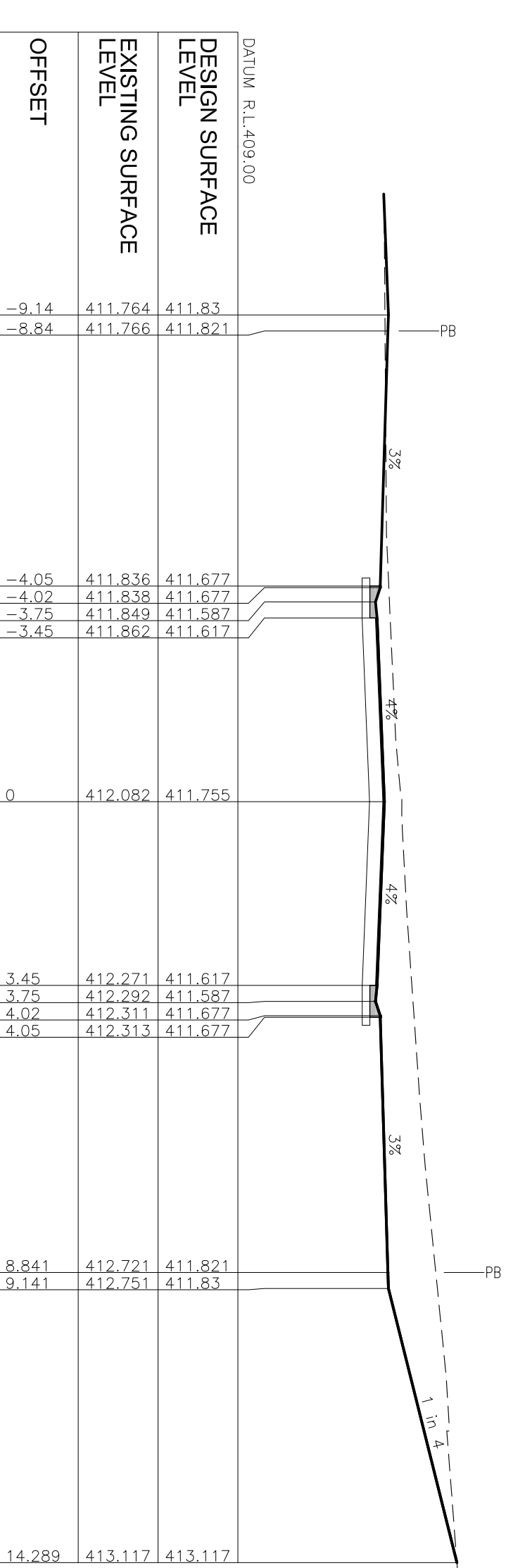
REFER TO DWG TR21-001-C11
EARTWORKS PLAN FOR ALLOTMENT LEVELS



CH 80

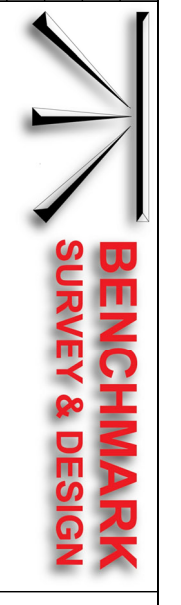


CH 134.041

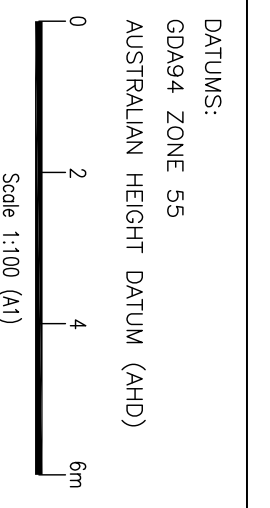


CH 120

Ref.	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	24/09/21	W.S.
DRAWN: W.S. CHECKED: W.S. APPROVED: DATE: 24/09/21			
CAD FILE: AUTOCAD PROJECTS\TR21-001 THE RISE\STAGE 3 OP WORKS 2021.DWG			



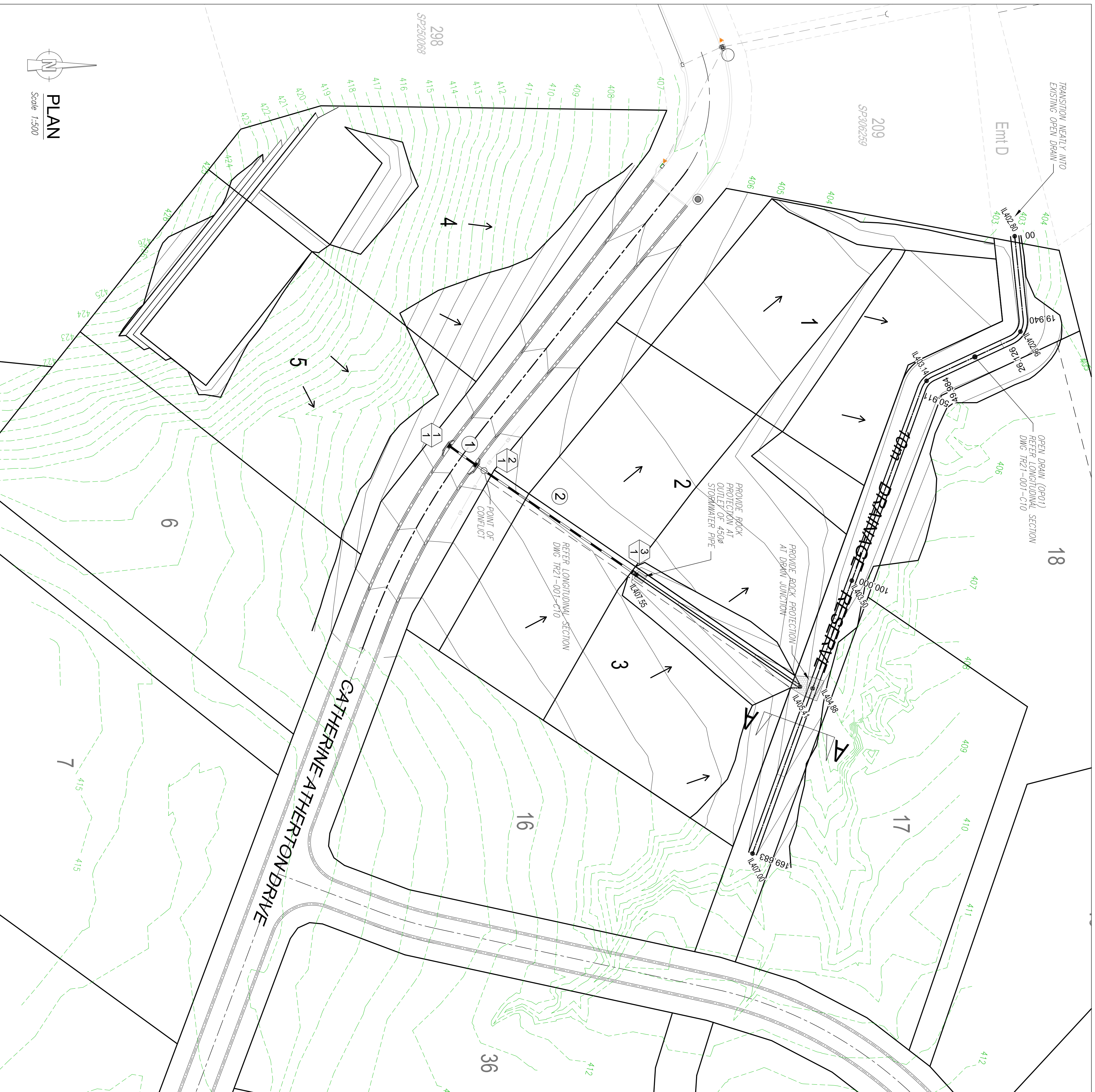
1 Possum Close, Innesfail, QLD 4860
E: hghdodd@benchmark.com.au - M: 0447 616 747



Client: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Project: CATHERINE ATHERTON DRIVE - CROSS SECTIONS Ch 80.00 to Ch 140.00
Title: THE RISE UNIT TRUST

PRELIMINARY ISSUE
AUG 2021

Plan No: TR21-001-C08
Sheet: 8
Issue: A



NOTES

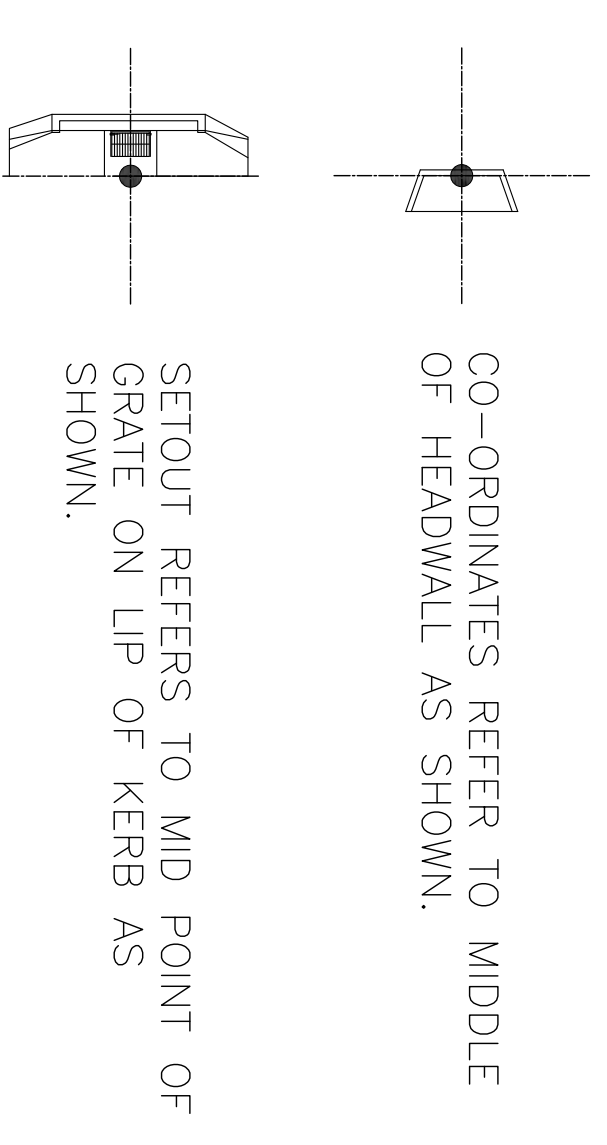
1. LEVEL DATUM: AHD
2. ORIGIN OF LEVELS: PSM187734; RL 406.691 CATHERINE ATHERTON DRIVE.
3. DESIGN SURFACE CONTOUR INTERVAL: 0.50m INDEXED: 1.00m

LEGEND

- 4 FALL OF LOTS/DIRECTION OF OVERLAND FLOWS
- IL 404.88 INVERT LEVEL OF DRAIN

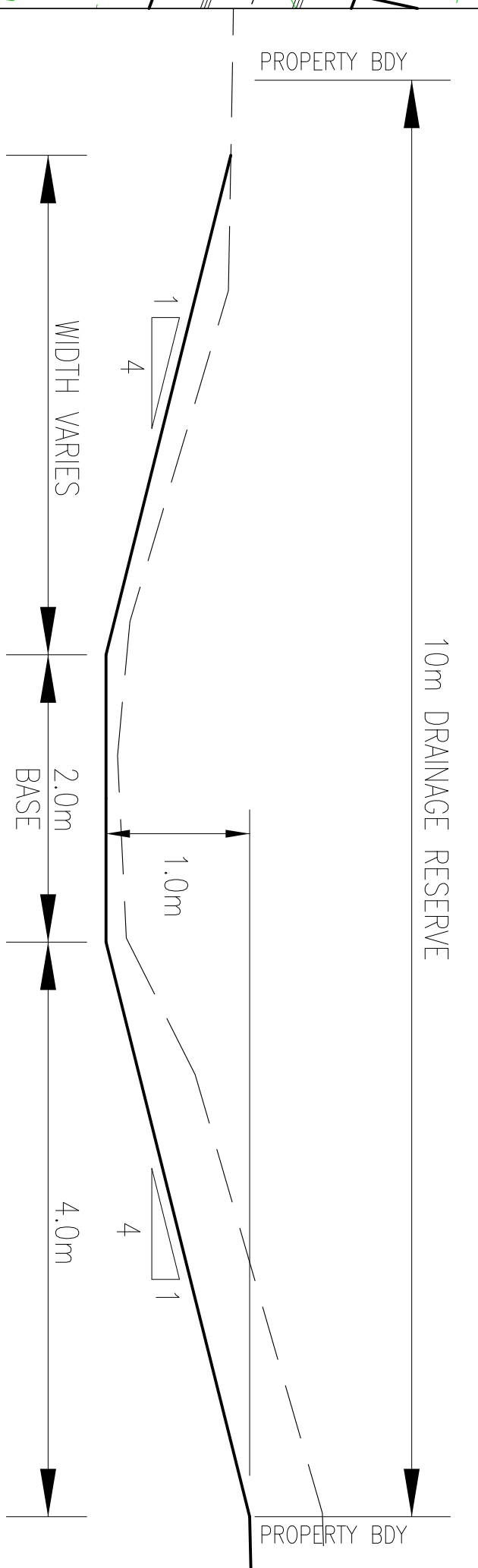
STORMWATER STRUCTURE TABLE

NO.	TYPE	EASTING	NORTHING
1/1	KERB INLET PIT ON GRADE	334318.032	8121517.010
2/1	KERB INLET PIT ON GRADE	334322.073	8121522.603
3/1	HEADWALL	334347.262	8121559.450



STORMWATER PIPE TABLE

PIPE SIZE (dia)	LENGTH	GRADE (%)	U.S.I.L.	D.S.I.L.
1	1/450	7.32m	1.500	408.270
2	1/450	43.92m	0.700	408.000
				407.550

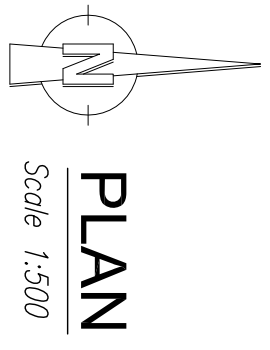


DETAIL "AA"

Scale 1:50 (A1)

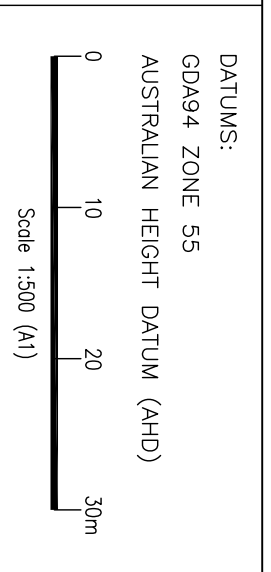
PRELIMINARY ISSUE

Ref	Revision	Notes	Date	Sign
A.	PRELIMINARY ISSUE		24/09/21	W.S.
B.	AMENDED DESIGN SURFACE CONTOURS, ADDED BUILDING PADS		24/09/22	W.S.
	DRAWN	L.D.	CHECKED	W.S.
	APPROVED			



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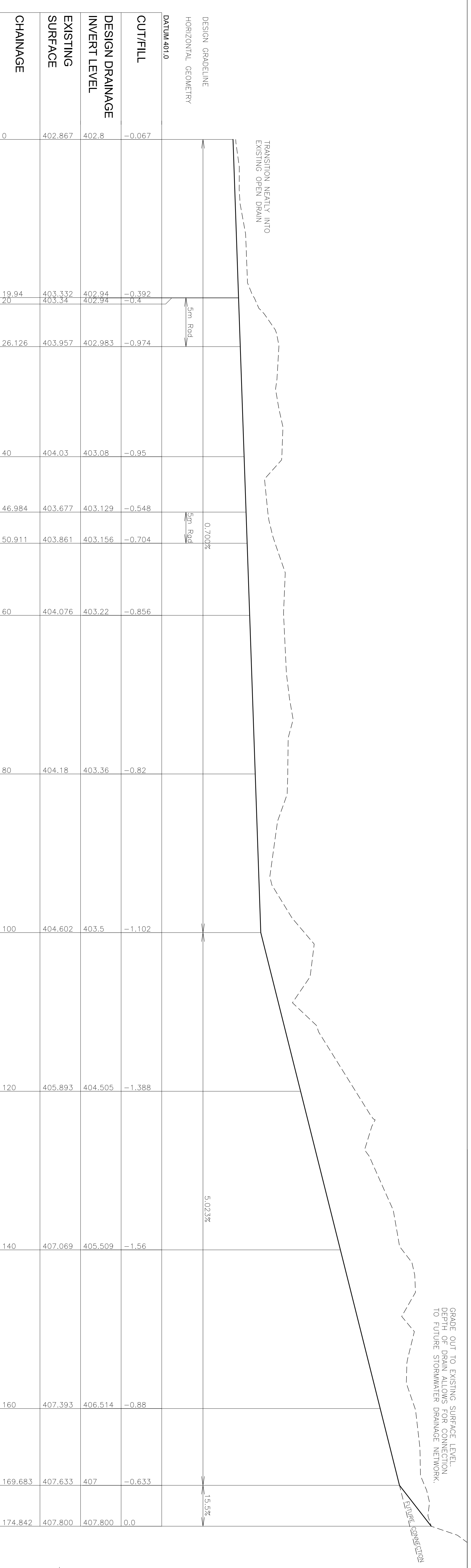
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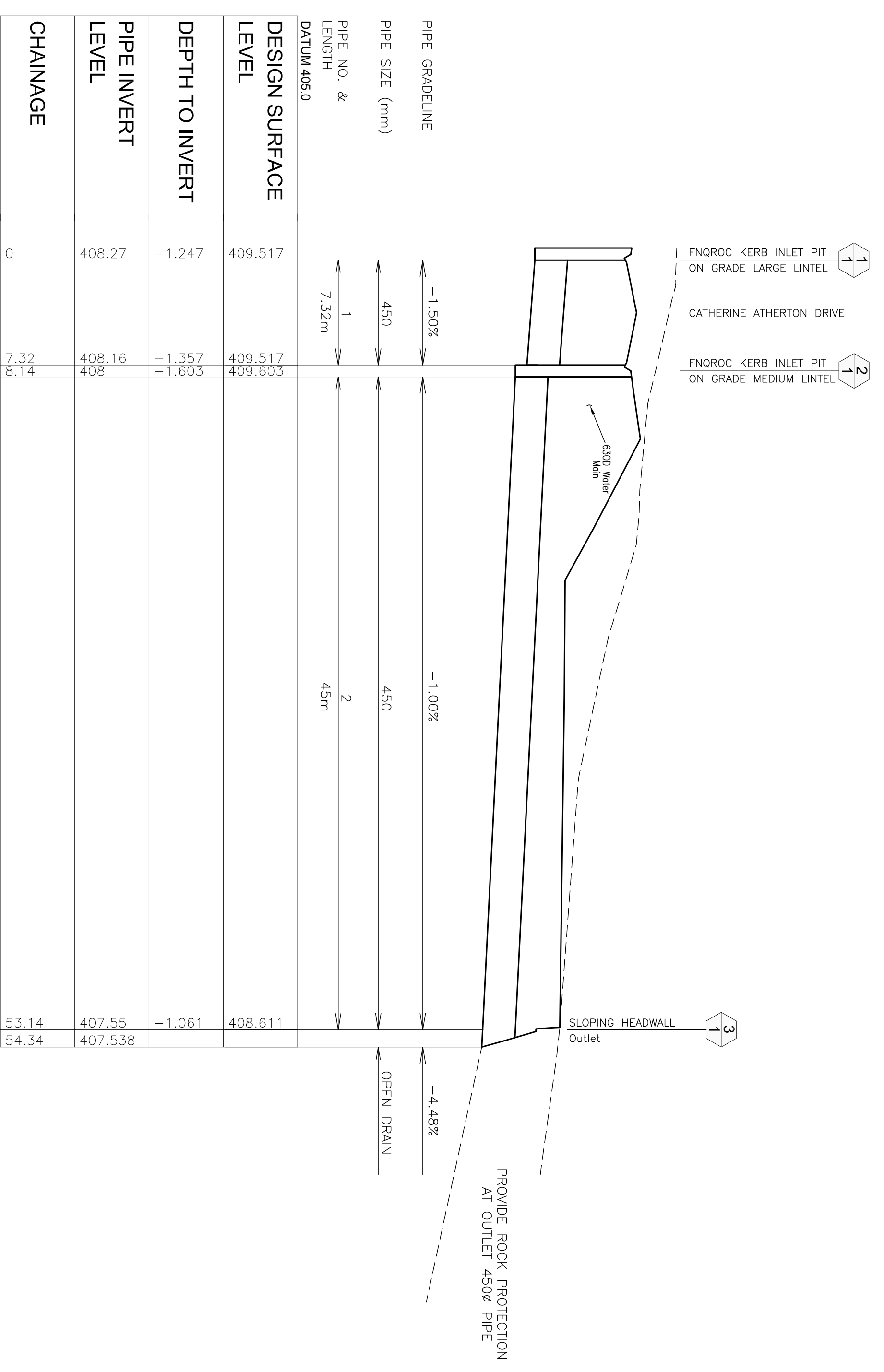
Client: THE RISE RURAL TRUST
Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Title: STORMWATER DRAINAGE - LAYOUT PLAN

Plan No:	TR21-001-C09
Sheet:	9
Issue:	B

GRADE OUT TO EXISTING SURFACE LEVEL.
DEPTH OF DRAIN ALLOWS FOR CONNECTION
TO FUTURE STORMWATER DRAINAGE NETWORK.



LONGITUDINAL SECTION - OPEN DRAIN OP1
Horizontal scale 1:250 - Vertical scale 1:50



LONGITUDINAL SECTION PIPE 1 & 2
Horizontal scale 1:250 - Vertical scale 1:50

Ref	Revision Notes	Date	Sign
A	PRELIMINARY ISSUE	24/06/21	M.S.
DRAWN	L.D.	CHECKED	W.S.
DATE	DATE	DATE	DATE
24/06/21	24/06/21	24/06/21	24/06/21

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Client:	THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Project:	STORMWATER DRAINAGE - LONGITUDINAL SECTIONS
Title:	

Plan No:	TR21-001-C10
Sheet:	10
Issue:	A

PRELIMINARY ISSUE
AUG 2021

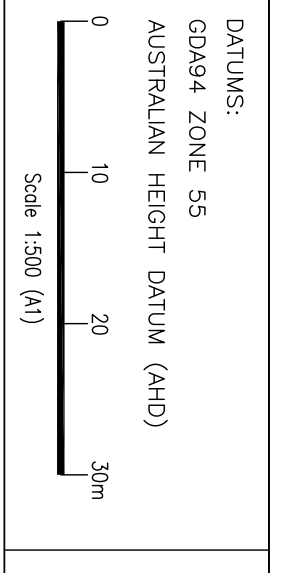


PLAN
Scale 1:500

Ref	Revision Notes	Date	Sign
A	PRELIMINARY ISSUE	24/06/21	W.S.
B	AMENDED DESIGN SURFACE LEVELS & CONTOURS, ADDED BUILDING PADS	24/09/22	W.S.
DRAWN: L.D.		CHECKED: W.S.	APPROVED:
CAD FILE: AUTOCAD PROJECTS\TR21-001 THE RISE STAGE 3 OP WORKS 2021.DWG		DATE: 24/09/22	

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Client:
Project:
Title:

THE RISE UNIT TRUST
THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
EARTHWORKS LAYOUT PLAN

Plan No:
TR21-001-C11

Sheet: 11 Issue: B

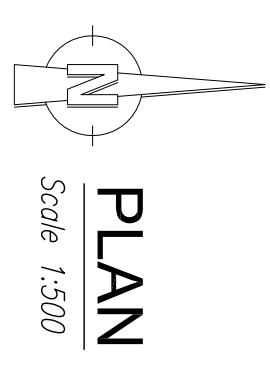
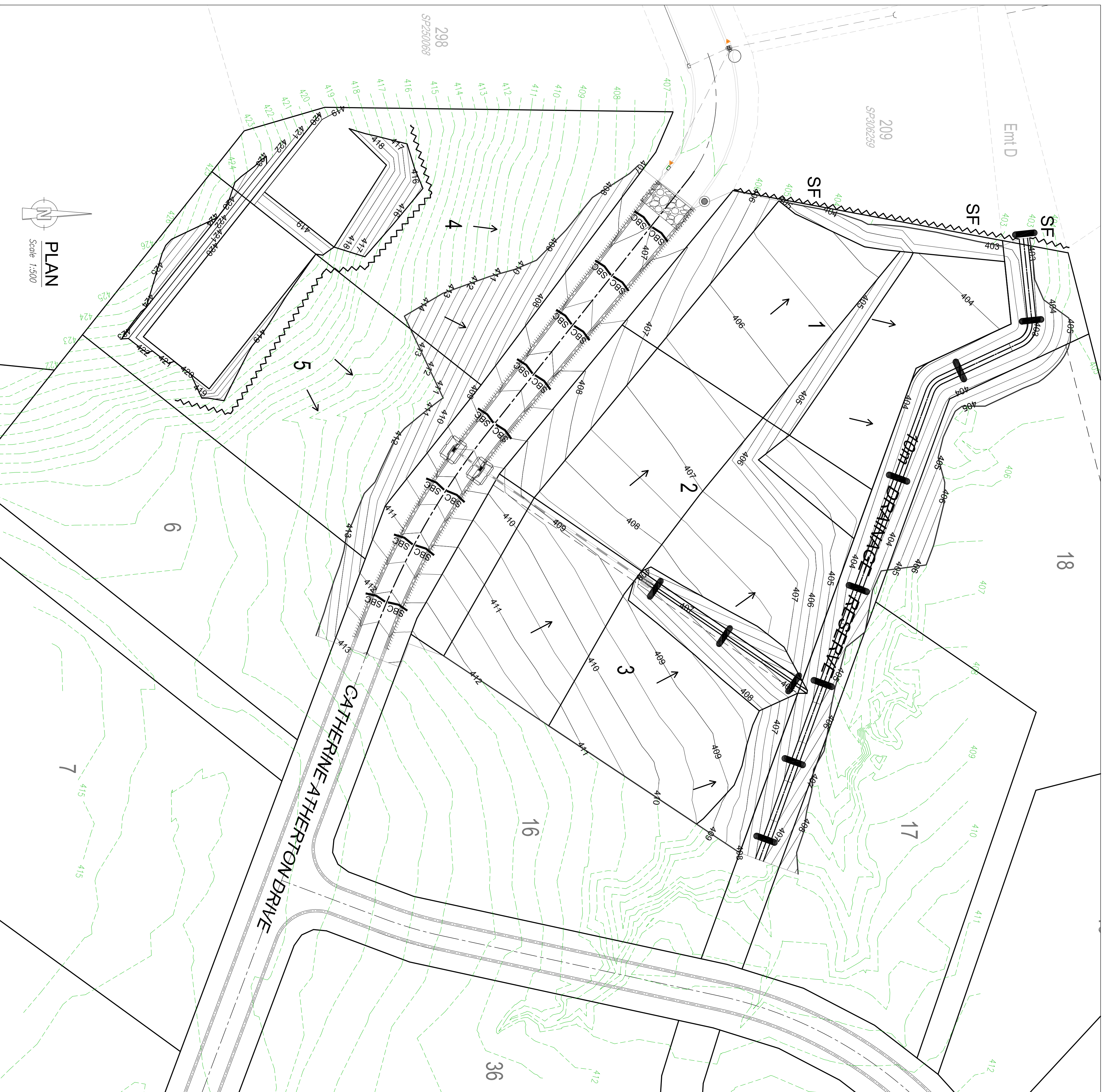
PRELIMINARY ISSUE
JUNE 2021

LEGEND

- EARTHWORKS CUT AREA
- EARTHWORKS FILL AREA
- EARTHWORKS BOUNDARY
- DESIGN CONTOURS WITH LABELS (0.50m Intervals)
- DESIGN LEVEL

EARTHWORKS NOTES

1. ALL EARTHWORKS SHALL BE IN ACCORDANCE WITH AS3798 "GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS" AND FNQROC STANDARD SPECIFICATIONS.
2. EARTHWORKS TO BE LEVEL ONE CONTROLLED FILL. COMPACTION TESTING IS TO COMPLY WITH SECTION 5 OF "GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS" UNLESS NOTED OTHERWISE. FILL LAYERS SHALL NOT EXCEED 200mm DEPTH AND COMPACTED TO 95% STANDARD COMPACTION. COMPACTION TESTS TO BE CARRIED OUT AT 1 TEST PER 200m³ OR 1 PER 1000m² PER LAYER, WHICHEVER GIVES GREATER NUMBER OF TESTS.
3. ALL DISTURBED AREAS ARE TO BE TOPSOILED AND DRILL SEEDED IN ACCORDANCE WITH THE FNQROC STANDARD SPECIFICATIONS, WITH EXCEPTION OF BATTERS STEEPER THAN 1 IN 4 THAT ARE TO BE TOPSOILED AND HYDROMULCHED.
4. ALL CUT & FILL BATTERS ARE TO BE 1 IN 4 U.N.O.
5. DUST SUPPRESSION MEASURES MUST BE UNDERTAKEN TO ENSURE THAT DUST DOES NOT CAUSE A NUISANCE TO SURROUNDING AREAS AND RESIDENTS. SUCH MEASURES MUST BE SUBMITTED AS PART OF THE SEDIMENT CONTROL PLAN.
6. IF ANY DUST OR MUD IS BOUGHT ONTO THE ROAD PAVEMENT FROM WORKS ON THE SUBJECT LAND, IT MUST BE PROPERLY CLEANED AWAY TO ELIMINATE MUD OR DUST NUISANCE NO LATER THAN AT THE END OF EACH WORKING DAY.
7. ALL EMBANKMENTS AND CUTTINGS MUST BE OUTSIDE THE ROAD RESERVE. THE TOE OF ANY CUT BATTER IS TO BE 300mm INSIDE THE PROPERTY BOUNDARY; THE TOP OF ANY FILL BATTER IS TO BE 300mm INSIDE THE PROPERTY BOUNDARY.

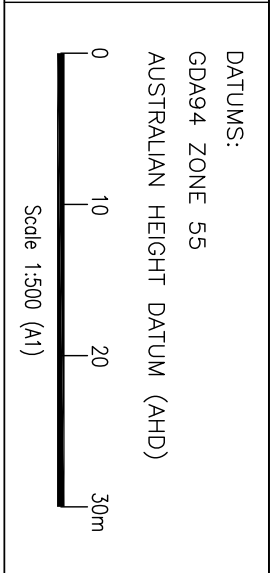


Ref	Revision	Notes	Date	Sign
A	PRELIMINARY ISSUE		24/06/21	W.S.
B	AMENDED DESIGN SURFACE CONTOURS, ADDED BUILDING PAOS		24/09/22	W.S.

APPROVED

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Client: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3

Project: EROSION & SEDIMENT CONTROL STRATEGY PLAN

Title:

Plan No: TR21-001-C12

Sheet: 12

Issue: B

LEGEND

- EARTHWORKS BOUNDARY
- SAND BAG SURROUND
- COCONUT FIBRE LOGS
- SAND BAG CHECK DAMS
- 300MM TURF STRIP PLACED BEHIND KERB.
- SILT FENCE (RETURN TO BE CONSTRUCTED EVERY PROPERTY BOUNDARY)
- DESIGN CONTOURS WITH LABELS (0.50m INTERVAL)
- GRATED KERB INLET PIT
- ROCK PROTECTION.
- CONSTRUCTION ENTRY/EXIT REFER IEAUST DWG A5-C3-1 FOR DETAIL

EROSION AND SEDIMENT CONTROL NOTES:

- 1 THE CONTRACTOR SHALL PREPARE AN EROSION AND SEDIMENT CONTROL PLAN ACCORDANCE WITH THE PROVISIONS OF THE FNROC DEVELOPMENT MANUAL.
- 2 EXACT LOCATION OF SEDIMENT CONTROL DEVICES (SCD) TO BE AGREED ON SITE AND IN ACCORDANCE WITH THE CONTRACTORS STORMWATER MANAGEMENT PLAN (SWMP).
- 3 ALL SCD TO BE CONSTRUCTED IN ACCORDANCE WITH THE INSTITUTE OF ENGINEERS GUIDELINES.
- 4 DESIGN CONTOURS SHOWN ARE AT 0.5M INTERVALS.
- 5 INSTALL PERIMETER SCD AND STABILISED ENTRY/EXIT POINT PRIOR TO DISTURBANCE.
- 6 STOCKPILE LOCATIONS TO BE AGREED ON SITE WITH ENGINEER. STOCKPILES TO BE PROTECTED AS THEY ARE CREATED WITH UP-SLOPE PERIMETER BANK AND DOWN SLOPE SEDIMENT FENCE.
- 7 SEDIMENT FENCES ARE TO BE INSTALLED SUCH THAT THE BASE OF THE FENCE IS PLACED 150mm MIN. BELOW GROUND LEVEL AND ANCHORED SECURELY IN POSITION.
- 8 ALL VEHICLES AND EQUIPMENT ENTRY/EXIT POINTS SHALL HAVE SHAKER GRIDS TO PREVENT VEHICLES FROM TRACKING MUD AND SOIL OFF SITE. LOCATIONS TO BE DETERMINED ON SITE.
- 9 SAND BAG CHECK DAM INSTALLATION TO CORRESPOND WITH THE INSTALLATION OF STORMWATER MANHOLES AND KERB & CHANNEL.
- 10 PLACE 300mm TURF STRIP BEHIND KERB IN ACCORDANCE FNROC STD DWG S5010.
- 11 GRASS SEEDING, HYDROMULCH AND/OR TURF TO BE APPLIED TO FINISHED IMMEDIATELY FOLLOWING COMPLETION IN ACCORDANCE WITH THE DEVELOPMENT MANUAL.
- 12 ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL THE END OF THE MAINTENANCE PERIOD UNLESS NOTED OTHERWISE. ALL SEDIMENT CONTROL DEVICES ARE TO BE FULLY MAINTAINED IN AN EFFECTIVE WORKING CONDITION DURING CONSTRUCTION AND THE MAINTENANCE PERIOD.

MAINTENANCE:

- 1 CONTRACTOR TO MONITOR SCD ON A DAILY BASIS OR AS DETAILED IN COUNCIL APPROVED SWMP.
- 2 CONTRACTOR TO ENSURE ALL SCD ARE FULLY MAINTAINED AND CLEAN UNTIL 80% GRASS COVER.
- 3 ALL REVEGETATED (GRASSED) AREAS TO BE WATERED AND MAINTAINED UNTIL GRASS IS FULLY ESTABLISHED.
- 4 WATERING AND MAINTENANCE OF GRASSED AREAS TO BE IN ACCORDANCE WITH CLAUSE 4.8 OF THE FNROC DEVELOPMENT MANUAL.

PRELIMINARY ISSUE
AUG 2021



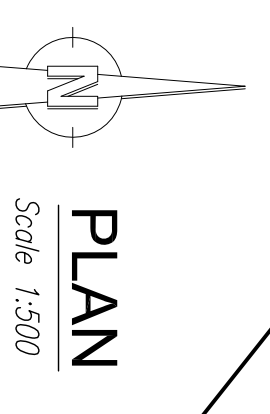
WATER RETICULATION NOTES

1. WATER SUPPLY PRESSURE PIPES TO COMPLY WITH AS1477.
2. WATER RETICULATION TO BE HYDRAULICALLY PRESSURE TESTED TO 1250 KPA AFTER LAYING AND BEFORE BEING CONNECTED TO THE EXISTING COUNCIL PIPELINE. THE TEST PRESSURE SHALL BE HELD FOR 15 MINUTES MIN. WITHOUT LOSS.
3. MINIMUM COVER TO ALL PIPES (TOP OF PIPE TO FINISHED SURFACE LEVEL) SHALL BE 600MM IN NON-TRAFFICKED AREAS AND 800MM IN TRAFFICKED AREAS.
4. WATER RETICULATION ALIGNMENT FOR ALL ROADS SHALL BE 2.0M FROM PROPERTY BOUNDARY.
5. CONTINUOUS DETECTOR TAPE / MARKER WIRE SHALL BE LAID 150MM ABOVE ALL NON-METALLIC PIPE LINE AT A MINIMUM OF 150MM BELOW FINISHED SURFACE LEVEL.
6. FOR MINIMUM BENDING RADIUS TO 50 DIA POLYETHYLENE REFER TO MANUFACTURERS SPECIFICATIONS.
7. PVC PIPE MAY BE DEFLECTED TO ACHIEVE MINOR ANGLE CHANGES IN PROPERTY BOUNDARIES. FOR MAXIMUM DEFLECTIONS REFER TO MANUFACTURERS SPECIFICATIONS.
8. PROVIDE WATER SERVICE AND METER TO EACH PROPERTY.
9. PROPERTIES LOCATED ON THE OPPOSITE SIDE OF THE ROAD TO THE RETICULATION MAIN SHALL BE SERVICED BY A 50mm Dia (63 OD) POLYETHYLENE LOOP MAIN CI 16.
10. RETICULATION MAIN TO BE 150dia uPVC Series 2 MIN PN16
11. PRESSURE AT CATHERINE ATHERTON DRIVE TO BE CHECKED AGAINST FIRE FIGHTING FLOWS TO ACHIEVE REQUIRED RESIDUAL PRESSURE.

FNRCOC DRAWINGS

- S2000A – MSC VALVE BOX INSTALLATION
- S2005A – MSC HYDRANT BOX INSTALLATION
- S2010E – KERB/ROAD MARKERS
- S2015A – MSC THRUST BLOCK DETAILS
- S2016B – WATER RETICULATION BEDDING DETAILS
- S2020D – MSC MAIN CONNECTION DETAILS
- S2060A – MSC DOMESTIC WATER SERVICE CONNECTION DETAILS

REF CODE	DESCRIPTION
1	80 dia. Spring Hydrant "Maxi Flow" 2000 type (DN80) complete with D.I.C.L. Tee, Riser, C.I. cover box margin and kerb marker. (100 Main)
2	150 dia. Sluice Valve Class 600 M.E. complete with C.I. cover box margin and kerb marker.
3	50 dia. Gate Valve DR Brass complete with C.I. cover box margin and kerb marker.
4	150 dia. steel or bronze topping band to 40 or 200 copper service to brass stop cock, meter & dirt box.
5	50 dia. service fitting to 40 or 200 copper service to brass stop cock, meter & dirt box.
6	150 dia. D.I.C.L. 22½" bend with concrete thrust block
7	150 x 150 x 150 D.I.C.L. Tee with concrete thrust block.
8	50 x 50 x 50 D.I.C.L. Tee with concrete thrust block.
150	Proposed Water Main 150ø (Class 16)
63	63OD PE Pressure Pipe PE 100 Blue Stripe SDR11 PN16



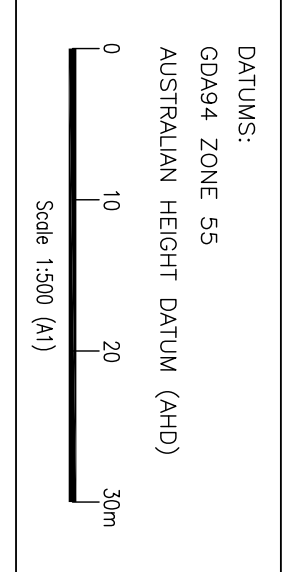
PLAN
Scale 1:500

Ref.	Revision Notes	Date	Sign
A.	PRELIMINARY ISSUE	24/06/21	M.S.
B.	ADDED GATE VALVE TO 63OD WATER MAIN	01/06/22	W.S.

APPROVED

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Client: THE RISE RURAL TRUST
Project: THE RISE RURAL RESIDENTIAL SUBDIVISION - STAGE 3
Title: WATER RETICULATION - LAYOUT PLAN

PRELIMINARY ISSUE
DATE: 2022

Plan No:	TR21-001-C13
Sheet:	13
Issue:	B