

30 April 2026

Enquiries: Neil Beck
Our Ref: CA 2025_5841/1 (1361172)
Your Ref:

Administration Office
64 - 66 Front St Mossman
P 07 4099 9444
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Douglas Shire Council
C/- RPS AAP Consulting Pty Ltd
PO Box 1949
CAIRNS 4870

Dear Sir

Development Application for Combined Application – Operational Works & Material Change of Use for undertaking an Environmentally Relevant Activity associated with upgraded infrastructure works for the Daintree Ferry - Cape Tribulation Road Lower Daintree & 362 Cape Tribulation Road Lower Daintree - On Land Described as LOT: 2 RP: 865069, LOT: 4 SP: 126928, LOT: 1 RP: 804943, LOT: 359 SP: 215752 & Adjoining Road Reserve & Coastal Land

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

Please quote Council's application number: CA 2025_5841/1 in all subsequent correspondence relating to this development application.

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

Yours faithfully



For
Leonard Vogel
Manager Environment & Planning

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

encl.

- Decision Notice
 - Approved Drawing(s) and/or Document(s)
 - Concurrence Agency Response
 - Reasons for Decision
- Advice For Making Representations and Appeals (Decision Notice)



Decision Notice

Approval (with conditions)

Given under s 63 of the Planning Act 2016

Applicant Details

Name: Douglas Shire Council
Postal Address: C/- RPS AAP Consulting Pty Ltd
PO Box 1949
CAIRNS 4870
Email: cairns.reception@rpsconsulting.com

Property Details

Street Address: Cape Tribulation Road Lower Daintree, 362 Cape Tribulation Road Lower Daintree
Real Property Description: LOT: 2 RP: 865069, LOT: 4 SP: 126928, LOT: 1 RP: 804943, LOT: 359 SP: 215752
Adjoining Road Reserve & Coastal Land
Local Government Area: Douglas Shire Council

Details of Proposed Development

Development Permit for:

- Operational Works (Prescribed Tidal Works, Marine Plant Disturbance, Interfering with Quarry Material above the High-water Mark);
- Operational Works (Civil Works for accessways and car parking)
- Material Change of Use for the undertaking of an Environmentally Relevant Activity (ERA16); and

An Environmental Authority to undertake the ERA.

Decision

Date of Decision: 15 April 2026
Decision Details: Approved (subject to conditions)

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

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

Drawing or Document	Reference	Date
DRAWING INDEX AND LOCALITY PLAN	Job No 25019, Drawing Number 25019-HEG-C01-D1-01, Rev C, Prepared by Hansen Engineering Group	18/12/2025
GENERAL NOTES AND LEGEND – SHEET 1 / 2	Job No 25019, Drawing Number 25019-HEG-C02-GN-01, Rev C, Prepared by Hansen Engineering Group	18/12/2025
GENERAL NOTES AND LEGEND – SHEET 2 / 2	Job No 25019, Drawing Number 25019-HEG-C02-GN-02, Rev C, Prepared by Hansen Engineering Group	18/12/2025
TYPICAL CROSS SECTIONS – SHEET 1 / 3	Job No 25019, Drawing Number 25019-HEG-C03-TS-01, Rev C, Prepared by Hansen Engineering Group	18/12/2025
TYPICAL CROSS SECTIONS – SHEET 2 / 3	Job No 25019, Drawing Number 25019-HEG-C03-TS-02, Rev C, Prepared by Hansen Engineering Group	18/12/2025
TYPICAL CROSS SECTIONS – SHEET 3 / 3	Job No 25019, Drawing Number 25019-HEG-C03-TS-03, Rev A, Prepared by Hansen Engineering Group	18/12/2025
GENERAL ARRANGEMENT – SHEET 1 / 4	Job No 25019, Drawing Number 25019-HEG-C04-GA-01, Rev C, Prepared by Hansen Engineering Group as annotated to retain the existing dredge bund.	18/12/2025
GENERAL ARRANGEMENT – SHEET 2 / 4	Job No 25019, Drawing Number 25019-HEG-C04-GA-02, Rev C, Prepared by Hansen Engineering Group as annotated to remove proposed dredge spoil facility.	18/12/2025
GENERAL ARRANGEMENT – SHEET 3 / 4	Job No 25019, Drawing Number 25019-HEG-C04-GA-03, Rev C, Prepared by Hansen Engineering Group	18/12/2025
GENERAL ARRANGEMENT – SHEET 4 / 4	Job No 25019, Drawing Number 25019-HEG-C04-GA-04, Rev C, Prepared by Hansen Engineering	18/12/2025

	Group	
CONTROL LINE SETOUT TABLES – SHEET 1 / 1	Job No 25019, Drawing Number 25019-HEG-C04-GA-05, Rev B, Prepared by Hansen Engineering Group	18/12/2025
MC03 & MC04 LONG SECTIONS SHEET 1 / 1	Job No 25019, Drawing Number 25019-HEG-C04-GA-06, Rev A, Prepared by Hansen Engineering Group	18/12/2025
EXISTING FEATURES, DEMOLITION AND UTILITY PLAN – SHEET 1 / 4	Job No 25019, Drawing Number 25019-HEG-C05-EF-01, Rev C, Prepared by Hansen Engineering Group as annotated to retain the existing dredge bund.	18/12/2025
EXISTING FEATURES, DEMOLITION AND UTILITY PLAN – SHEET 2 / 4	Job No 25019, Drawing Number 25019-HEG-C05-EF-02, Rev C, Prepared by Hansen Engineering Group	18/12/2025
EXISTING FEATURES, DEMOLITION AND UTILITY PLAN – SHEET 3 / 4	Job No 25019, Drawing Number 25019-HEG-C05-EF-03, Rev C, Prepared by Hansen Engineering Group	18/12/2025
EXISTING FEATURES, DEMOLITION AND UTILITY PLAN – SHEET 4 / 4	Job No 25019, Drawing Number 25019-HEG-C05-EF-04, Rev C, Prepared by Hansen Engineering Group	18/12/2025
DRAINAGE CROSS SECTIONS AND DETAILS – SHEET 1 / 3	Job No 25019, Drawing Number 25019-HEG-C06-DD-01, Rev B, Prepared by Hansen Engineering Group	18/12/2025
DRAINAGE CROSS SECTIONS AND DETAILS – SHEET 2 / 3	Job No 25019, Drawing Number 25019-HEG-C06-DD-02, Rev B, Prepared by Hansen Engineering Group	18/12/2025
DRAINAGE CROSS SECTIONS AND DETAILS – SHEET 3 / 3	Job No 25019, Drawing Number 25019-HEG-C06-DD-03, Rev A, Prepared by Hansen Engineering Group	18/12/2025
PAVEMENT AND CONSTRUCTION SETOUT SHEET 1 / 4	Job No 25019, Drawing Number 25019-HEG-C07-PD-01, Rev B, Prepared by Hansen Engineering Group	18/12/2025
PAVEMENT AND CONSTRUCTION SETOUT SHEET 2 / 4	Job No 25019, Drawing Number 25019-HEG-C07-PD-02, Rev B, Prepared by Hansen Engineering Group	18/12/2025

PAVEMENT AND CONSTRUCTION SETOUT SHEET 3 / 4	Job No 25019, Drawing Number 25019-HEG-C07-PD-03, Rev B, Prepared by Hansen Engineering Group	18/12/2025
PAVEMENT AND CONSTRUCTION SETOUT SHEET 4 / 4	Job No 25019, Drawing Number 25019-HEG-C07-PD-04, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNS AND LINEMARKING LAYOUT – SHEET 1 / 4	Job No 25019, Drawing Number 25019-HEG-C08-SL-01, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNS AND LINEMARKING LAYOUT – SHEET 2 / 4	Job No 25019, Drawing Number 25019-HEG-C08-SL-02, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNS AND LINEMARKING LAYOUT – SHEET 3 / 4	Job No 25019, Drawing Number 25019-HEG-C08-SL-03, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNS AND LINEMARKING LAYOUT – SHEET 4 / 4	Job No 25019, Drawing Number 25019-HEG-C08-SL-04, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNAGE SCHEDULE – SHEET 1 / 3	Job No 25019, Drawing Number 25019-HEG-C08-SL-05, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNAGE SCHEDULE – SHEET 2 / 3	Job No 25019, Drawing Number 25019-HEG-C08-SL-06, Rev B, Prepared by Hansen Engineering Group	18/12/2025
SIGNAGE SCHEDULE – SHEET 3 / 3	Job No 25019, Drawing Number 25019-HEG-C08-SL-07, Rev A, Prepared by Hansen Engineering Group	18/12/2025

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

Assessment Manager Conditions & Advices

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

Except where modified by these conditions of approval.

Timing of Effect

2. The conditions of the Development Permit must be effected prior to completion of the works except where otherwise nominated in these conditions of approval.

Amended Dredge Spoil Location & Provision for Resource Recovery Facility

3. Updated civil design drawings removing the spoil bund area from Lot 359 on SP215752 are to be provided and approved by Council prior to the commencement of any Works. All civil design drawings are to be RPEQ Certified .

Plans must be amended to include the provision of a Resource Recovery Collection Point on the southern ferry terminal. The Resource Recovery Collection Point must:

- (i) Be designed and constructed to accommodate a minimum footprint equivalent to a half-size shipping container (approximately 3.5m x 3m);
- (ii) Be located in a position that is readily accessible for both users and service vehicles, without impacting site circulation, parking, or safety;
- (iii) Provide for safe vehicle access for servicing, including delivery, weather event removal and maintenance of the container unit;
- (iv) Be appropriately integrated into the site design to ensure it is consistent with the amenity of the surrounding area.

Stormwater Pipe Class

4. Prior to the Pre-Start Meeting, confirm the pipe class for the stormwater culverts noting the construction loads from compaction equipment at subgrade level and limited cover to the pipes.

For all crossroad culvert installations, provide design loading calculations to demonstrate that the construction loads and in-service loads are within the manufacturers specified loading ranges for the nominated pipe class.

Alternatively, provide Class 4 pipes at each crossroad culvert installation.

All crossroad culvert installations are to be constructed in accordance with the FNQROC Development Manual and manufacturers installation guidelines.

A CCTV report must be provided prior to works acceptance to demonstrate that the construction traffic has not displaced the joints or damaged the pipes.

NOTE: It is considered that the pipe class be increased to reflect the high construction loads with reduced cover during construction of the subgrade and pavement layers.

For Construction Drawings

5. For Construction Issue Drawings, inclusive of any amendments required by the Conditions of this Development Permit, must be certified as approved by a suitably qualified RPEQ and a copy submitted to Council with the Pre-Start documentation.

Damage to Infrastructure and Land

6. Repair any damage to existing public infrastructure caused by works carried out in association with the approved development. Where existing public infrastructure requires repair or relocation, due to the approved development and/or works associated with the approved development, this public infrastructure must be repaired and/or relocated at no cost to others, in accordance with statutory requirements, and adopted design standards.

NOTE: Time stamped and dated photographic evidence of the condition of relevant existing public infrastructure both before and after works are carried out will be required.

Project Signage of Work

7. Project Signage must be erected on the site frontages to constructed roads. All signage must be in accordance with Section CP1.11 (2) of the FNQROC Development Manual. Once installed, project signage must remain erected for the duration of work.

Certification of Approved Works

8. In accordance with Section CP1.03 of the FNQROC Development Manual, the Consulting Engineer who is a Registered Professional Engineer Queensland (RPEQ) is required to certify that all works have been carried out in accordance with this Development Permit and the standards as set out in the FNQROC Development Manual. RPEQ certification must be provided prior to Works Acceptance.

Construction Management Plan

9. Prepare and provide a Construction Management Plan (CMP) to the satisfaction of Council's Project Manager which should consider the following items in relation to the approved works:
 - (i) Hours of construction;
 - (ii) Location(s) of construction access;
 - (iii) Parking of vehicles (including construction site employees and delivery vehicles);
 - (iv) Traffic management and control (including loading and unloading);
 - (v) Dust mitigation measures;
 - (vi) Vegetation clearing and tree protection management;
 - (vii) Site safety and security after hours to prevent public entry; and
 - (viii) Location and details of construction signage. including any signage that is to be illuminated.

The CMP must be provided to Council and made available to all onsite workers at all times. The CMP must be implemented at all times for the duration of approved work.

Storage of Machinery and Plant

10. The storage of any machinery, material or plant during construction work must not cause a nuisance to surrounding properties at all times.

Traffic Management

11. The applicant must implement a Traffic Guidance Scheme for the duration of the works and a copy of the plans must be submitted to Council prior to implementation of the Traffic Guidance Scheme.

Stockpiling of Material

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

Sediment and Erosion Control Plan

13. Prepare and provide to Council for approval an Erosion and Sediment Control Plan (ESCP) to manage the site during construction and the defect liability period until Final Works Acceptance.

All reasonable and practicable measures must be taken to prevent pollution entering existing creeks, waterways or drainage lines, as a result of silt run-off, oil and grease spills from any machinery. Wastewater as a result of cleaning equipment must not be discharged directly or in-directly to any watercourses, stormwater systems or private properties (in accordance with the requirements of the *Environmental Protection Act (1994)*, the FNQROC Development Manual and Best Practice Erosion & Sediment Control – IECA Australasia).

The Erosion and Sediment Control Plan must be provided to Council prior to the Pre-Start Meeting.

Earthworks Construction

14. All earthworks must be constructed in accordance with AS 3798: Guidelines on earthworks for commercial and residential developments. At the completion of works, RPEQ Certification of the works and test results are required to be provided to Council prior to Works Acceptance.

The works must be supervised in accordance with Level 1 supervision of AS3798. The Level 1 Report must be provided to Council upon completion of the works.

If further geotechnical investigation during construction confirms site conditions differ from initial design assumptions, all relevant documentation including the subsequent geotechnical report and all design changes must be submitted to Council for review and approval prior to Works Acceptance.

Acid Sulfate Soils

15. In the event that acid sulfate soils are encountered, the applicant is to ensure the site is managed in accordance with requirements of the Queensland Acid Sulfate Technical Manual. In addition, an ASS/PASS Management Plan is to be submitted to Council within seven (7) days, should site investigations identify the presence of acid sulfate soils.

Road Condition Report

16. Prior to the Pre-Start Meeting the applicant/contractor is to submit a Road Condition Report for Cape Tribulation Road from the Mossman Daintree Road to the intersection of Cape Kimberley Road, including these intersections.

The Road Condition Report must include details for all road infrastructure including the roadway, kerb and channel, roadside drains, footpaths, guardrails, bollards, signage etc.,

The report must contain (but is not limited to) site photos and details of any existing deficiencies especially at areas where turning movements occur such as the intersections.

At Works Acceptance, any damage to the road that Council deems has occurred due to construction activities must be rectified at the applicant's expense, to the satisfaction of Council.

Advice

1. All building site managers must take all action necessary to ensure building materials and / or machinery on construction sites are secured immediately following the first cyclone watch and that relevant emergency telephone contacts are provided to Council officers, prior to commencement of works.
2. This approval does not negate the requirement for compliance with all other relevant Council Local Laws and other statutory requirements.
3. For information relating to the *Planning Act 2016* log on to <https://planning.dsdmip.qld.gov.au/>. To access the *FNQROC Regional Development Manual*, Local Laws, the Douglas Shire Planning Scheme and other applicable Policies log on to www.douglas.qld.gov.au.

Further Development Permits

Not applicable

Concurrence Agency Response

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

Currency Period for the Approval

This approval, granted under the provisions of the *Planning Act 2016*, shall lapse six (6) years from the day the approval takes effect in accordance with the provisions of Section 85 of the *Planning Act 2016*.

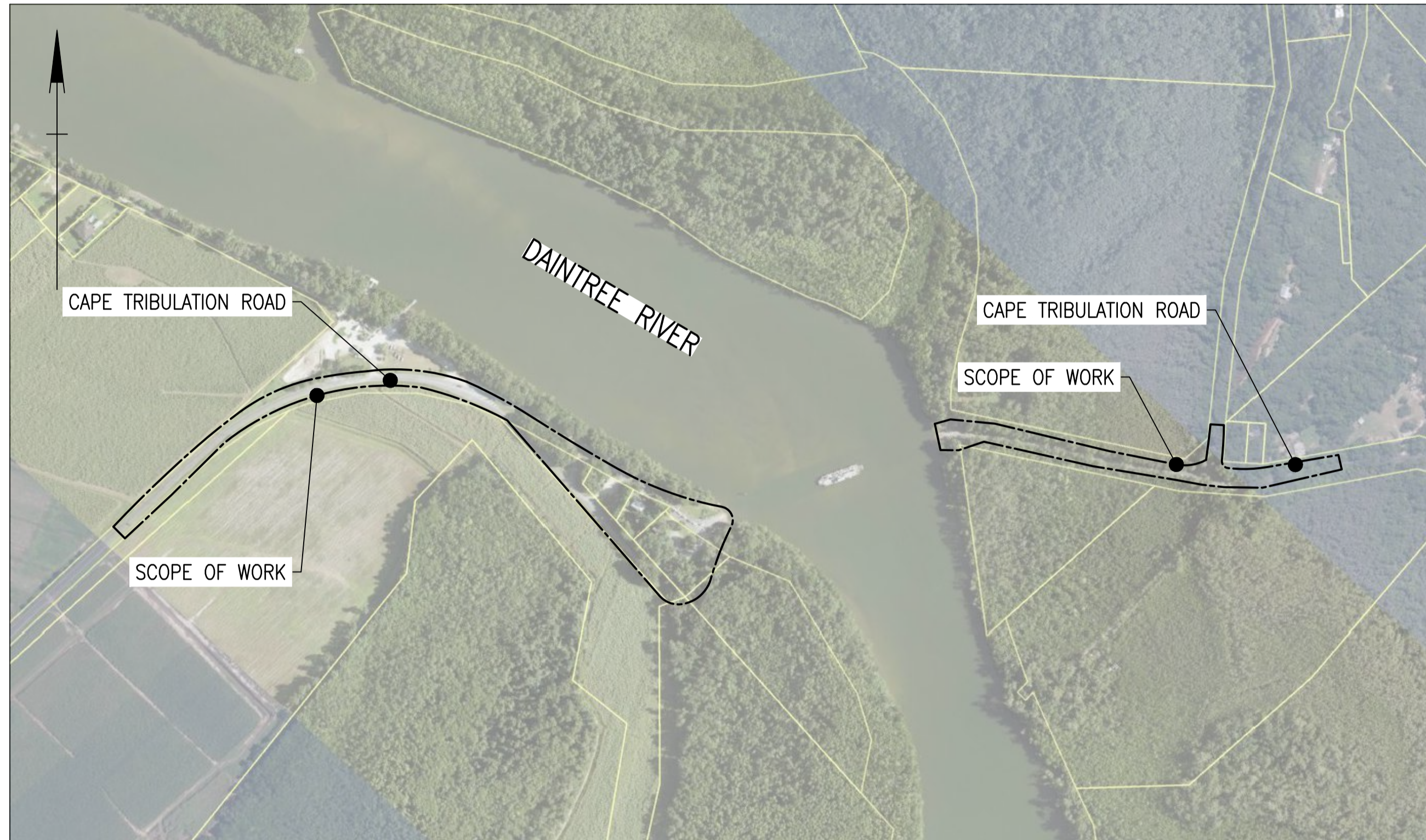
Rights to make Representations & Rights of Appeal

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

A copy of the relevant appeal provisions is attached.

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

DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE



LOCALITY PLAN (IMAGE SOURCE: QLD GLOBE)

CIVIL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description
25019-HEG-C01-DI-01	C	18/12/2025	DI-01	DRAWING INDEX AND LOCALITY PLAN
25019-HEG-C02-GN-01	C	18/12/2025	GN-01	GENERAL NOTES AND LEGEND - SHEET 1 / 2
25019-HEG-C02-GN-02	C	18/12/2025	GN-02	GENERAL NOTES AND LEGEND - SHEET 2 / 2
25019-HEG-C03-TS-01	C	18/12/2025	TS-01	TYPICAL CROSS SECTIONS - SHEET 1 / 3
25019-HEG-C03-TS-02	C	18/12/2025	TS-02	TYPICAL CROSS SECTIONS - SHEET 2 / 3
25019-HEG-C03-TS-03	A	18/12/2025	TS-03	TYPICAL CROSS SECTIONS - SHEET 3 / 3
25019-HEG-C04-GA-01	C	18/12/2025	GA-01	GENERAL ARRANGEMENT - SHEET 1 / 4
25019-HEG-C04-GA-02	C	18/12/2025	GA-02	GENERAL ARRANGEMENT - SHEET 2 / 4
25019-HEG-C04-GA-03	C	18/12/2025	GA-03	GENERAL ARRANGEMENT - SHEET 3 / 4
25019-HEG-C04-GA-04	C	18/12/2025	GA-04	GENERAL ARRANGEMENT - SHEET 4 / 4
25019-HEG-C04-GA-05	B	18/12/2025	GA-05	CONTROL LINE SETOUT TABLES - SHEET 1 / 1
25019-HEG-C04-GA-06	A	18/12/2025	GA-06	MCO3 & MCO4 LONG SECTIONS SHEET 1 / 1
25019-HEG-C05-EF-01	C	18/12/2025	EF-01	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 1 / 4
25019-HEG-C05-EF-02	C	18/12/2025	EF-02	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 2 / 4
25019-HEG-C05-EF-03	C	18/12/2025	EF-03	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 3 / 4
25019-HEG-C05-EF-04	C	18/12/2025	EF-04	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 4 / 4
25019-HEG-C06-DD-01	B	18/12/2025	DD-01	DRAINAGE CROSS SECTIONS AND DETAILS - SHEET 1 / 3
25019-HEG-C06-DD-02	B	18/12/2025	DD-02	DRAINAGE CROSS SECTIONS AND DETAILS - SHEET 2 / 3
25019-HEG-C06-DD-03	A	18/12/2025	DD-03	DRAINAGE CROSS SECTIONS AND DETAILS - SHEET 3 / 3
25019-HEG-C07-PD-01	B	18/12/2025	PD-01	PAVEMENT AND CONSTRUCTION SETOUT SHEET 1 / 4
25019-HEG-C07-PD-02	B	18/12/2025	PD-02	PAVEMENT AND CONSTRUCTION SETOUT SHEET 2 / 4
25019-HEG-C07-PD-03	B	18/12/2025	PD-03	PAVEMENT AND CONSTRUCTION SETOUT SHEET 3 / 4
25019-HEG-C07-PD-04	B	18/12/2025	PD-04	PAVEMENT AND CONSTRUCTION SETOUT SHEET 4 / 4
25019-HEG-C08-SL-01	B	18/12/2025	SL-01	SIGNS AND LINEMARKING LAYOUT - SHEET 1 / 4
25019-HEG-C08-SL-02	B	18/12/2025	SL-02	SIGNS AND LINEMARKING LAYOUT - SHEET 2 / 4
25019-HEG-C08-SL-03	B	18/12/2025	SL-03	SIGNS AND LINEMARKING LAYOUT - SHEET 3 / 4
25019-HEG-C08-SL-04	B	18/12/2025	SL-04	SIGNS AND LINEMARKING LAYOUT - SHEET 4 / 4
25019-HEG-C08-SL-05	B	18/12/2025	SL-05	SIGNAGE SCHEDULE - SHEET 1 / 3
25019-HEG-C08-SL-06	B	18/12/2025	SL-06	SIGNAGE SCHEDULE - SHEET 2 / 3
25019-HEG-C08-SL-07	A	18/12/2025	SL-07	SIGNAGE SCHEDULE - SHEET 3 / 3

TOTAL NUMBER OF CIVIL DRAWINGS = 30

STRUCTURAL DRAWING INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description
25019-HEG-S01-SN-01	B	18/12/2025	SN-01	STRUCTURAL NOTES - SHEET 1 / 2
25019-HEG-S01-SN-02	B	18/12/2025	SN-02	STRUCTURAL NOTES - SHEET 2 / 2
25019-HEG-S02-PI-01	B	18/12/2025	PI-01	PILE SCHEDULE AND DETAILS - SHEET 1 / 1
25019-HEG-S03-RA-01	B	18/12/2025	RA-01	RAMP LAYOUT PLAN - SHEET 1 / 2
25019-HEG-S03-RA-02	B	18/12/2025	RA-02	RAMP PLANK DETAILS - SHEET 2 / 2
25019-HEG-S04-PS-01	B	18/12/2025	PS-01	PEDESTRIAN SHELTER PLAN - SHEET 1 / 1
25019-HEG-S05-MI-01	B	18/12/2025	TB-01	TICKET BOOTH SLAB PLAN
25019-HEG-S05-MI-02	B	18/12/2025	AF-01	ANCHOR FOOTING DETAILS

TOTAL NUMBER OF STRUCTURAL DRAWINGS = 8

CIVIL ANNOTATIVE CROSS SECTION INDEX

Drawing Number	Revision	Date	Series Number	Drawing Description
25019-HEG-C08-XS-01 to 25019-HEG-C08-XS-70	B	18/12/2025	XS-01 to XS-70	ANNOTATIVE CROSS SECTION - SHEET 1 to SHEET 70

TOTAL NUMBER OF ANNOTATIVE CROSS SECTIONS = 70

TOTAL NUMBER OF DRAWINGS = 108

C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



Scales
NTS

Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: DRAWING INDEX AND LOCALITY PLAN



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEO No.	

DETAILED DESIGN
Job Number: 25019
Drawing Number: 25019-HEG-C01-DI-01
Revision: C

GENERAL NOTES

- The site has been set out using:
 - RPS survey 405566-2, dated 20 May 2021 (land survey).
 - RPS survey PTD372854-1, dated 16 October 2024 (river survey).
 - BRZ survey 25066_daintree Ferry_Extra Survey, dated August 2025 (additional land survey).
 - Cultural Heritage survey, dated 20 November 2025 (additional land survey).
 - Where detailed survey extents did not cover the design extents, LIDAR survey (2010) was used.
- The survey and design coordinates are in GDA2020, MGA Zone 55 (GNSS coordinate system) and levels are referenced to the mAHD datum.
- Care should be taken for any survey or design levels in reference to the Daintree River including RPS survey PTD372854-1, which are referenced to LAT datum.
- Background aerial imagery is from the below sources and are shown for information purposes only:
 - Esri Maps – AutoCAD 2025 MGA/20c-55 and GDA2020-C.
 - Queensland Globe.
- Chainages shown are based on the MC01 to MC09 design control lines.
- All dimensions are in metres (m) unless noted otherwise (U.N.O).
- A detailed digital 12D design model is available for the contractors information and can be provided upon request.

FNQROC SPECIFICATIONS AND STANDARD DRAWINGS NOTES

- The project shall adopt Far North Queensland Regional Organisation of Councils (FNQROC) Specifications and Standard drawings as listed below and referenced throughout these notes and drawings:
 - Specifications:
 - S1 – Earthworks
 - S2 – Road pavements
 - S4 – Stormwater drainage
 - S5 – Water reticulation
 - S7 – Concrete works
 - S8 – Landscaping
 - S9 – Natural Area Restoration
 - Standard drawings:
 - S1000 – Concrete kerb and channel
 - S1010 – Public utilities on road verges
 - S1011 – Road crossing and footpath reinstatement for trench laid services
 - S1027 – Security fencing
 - S1035 – Pathways / bikeways
 - S1040 – Street name sign
 - S1041 – Traffic control devices
 - S1046 – Excavation, bedding and backfilling of concrete pipes
 - S1075 – Concrete pipe headwall 375 mm to 675 mm
 - S1085 – Concrete pipe headwall, wingwalls and apron
- These FNQROC specifications also refer to the Department of Transport and Main Roads (TMR) Main Road Technical Specifications (MRTS) as listed below and referenced throughout these notes and drawings:
 - MRTS03 – Drainage, retaining structures and protective treatments
 - MRTS04 – General earthworks
 - MRTS05 – Unbound pavements
 - MRTS11 – Sprayed bitumen surfacing (excluding emulsions)
 - MRTS14 – Road furniture
 - MRTS17 – Bitumen
 - MRTS19 – Bitumen cutter and flux oils
 - MRTS20 – Cutback bitumen
 - MRTS22 – Supply of cover aggregate
 - MRTS45 – Road surface delineation
- These FNQROC specifications also refer to a suite of Australian Standards.
- FNQROC specifications and standard drawings shall take precedence over all other referenced specifications. In the instance the specification required is not in the FNQROC specifications or standard drawings, MRTS shall be used. A Request For Information (RFI) to the designer shall be made to confirm adoption of the relevant MRTS specification.

UTILITY NOTES

- Utilities shown on these plans are based Before You Dig Australia (BYDA), Douglas Shire Council (DSC) records, other GIS sources and limited detailed survey data, which is inaccurate and does not cover the entire site.
- Potholing of Telstra services within the project footprint was undertaken and is shown in BRZ survey (August 2025), with additional Telstra pits located in the Cultural Heritage survey (20 November 2025).
- Telecommunications, water and power utilities were also surveyed within the project foot print in RPS survey (20 May 2021).
- The contractor shall positively identify all existing utilities on site and protect them during construction.
- It is understood there are no existing sewer mains within the project site. The toilets at the Ferry House and 3 x public toilets use septic tanks.
- Available survey, BYDA and GIS utility survey is shown on the existing features plans, refer to EF series.
- Electrical utilities are shown on the electrical drawings, refer to RCC's drawings.
- No construction works are to be undertaken within 3.0 m of any utility without prior consultation and approval from the relevant authority.
- All utility trenching through roads shall be reinstated as per FNQROC S1011, modified to suit Pavement Type 2.

UTILITY NOTES CONT.

- All utility trenching should be undertaken prior to pavement and footpath construction and sealing to achieve a neat and tidy finished surface throughout the project

EXISTING FEATURES AND DEMOLITION NOTES

- All existing pavement, culvert headwalls, redundant concrete slabs / foundations and landscaping etc. that are not required as part of the permanent works shall be neatly removed to the extents necessary to complete construction and tie the design into existing. Refer to EF series.
- Existing bolted on rubber speed bumps and kerb shall be removed from the existing pavement neatly to reveal the existing pavement. The existing pavement shall be inspected for suitability for re-use and tidied up to remove all debris, bolts and loose stones. In the instance the existing pavement is unsealed beneath these devices, a prime shall be placed prior to the existing pavement resal.

GENERAL CIVIL WORKS NOTES

- Civil works shall be undertaken in accordance with the FNQROC Specifications and Standard Drawings.
- The Contractor is to ensure appropriate environmental permits are in place and they are familiar with the Cultural Heritage requirements prior to clearing.
- Clearing, grubbing, and excavation shall include the removal of existing topsoil, concrete, seals, and deleterious material to their full depth to the locations shown on the EF series.
- The contractor is to tie in all the earthworks neatly with the existing surface. Finished surface rock fill is to tie in with surrounding levels smoothly.
- The design subgrade is based on Geotechnical Investigations completed by Geo Design (10 January 2023) and ETS Geo (14 August 2025). Limited tests were taken at the existing traffic lanes, shoulders or pavement due to the existing pavement being heavily bound.
- The contractor shall submit their proposed construction and material testing frequencies and QA processes to the designer prior to commencement of construction for their review and approval. As a minimum, these shall be in accordance with FNQROC S1, S2, S4 and S7.

PAVEMENT AND SEAL NOTES

- Based on the existing pavement, traffic loading and the site being frequently and significantly inundated, Pavement Type 1 has been proposed, which includes a heavily bound base and unbound granular subbase to match existing pavement, with an unsuitable subgrade treatment based on the insitu site conditions. Refer to the pavement details.
- An assumed pavement design subgrade CBR of 3% has been adopted.
- A neat saw-cut face shall be constructed at all new pavement tie-in locations with existing pavements with a stepped pavement profile as shown on the TS series to ensure adequate compaction. The saw-cut shall extend into sound, uncontaminated pavement.
- In the instance an existing pavement stepped face cannot be achieved as shown on the TS series, a 1:1 pavement batter shall be constructed such that the existing and new pavement profile can be compacted at the pavement join.
- All new pavements shall tie in neatly to existing pavements both transversely and longitudinally at tie in locations.
- Where the pavement widening required is less than a standard constructible width for new pavement, the pavement saw-cut shall be shifted to suit the standard constructible width required for plant to place and compact the pavement.
- After removal of existing culverts and installation of new culverts, the Contractor shall assess the resulting level difference between the top of culvert and pavement finished surface level to confirm the required pavement and fill depth either side and over the culvert. The contractor shall fill to subgrade either side of the culvert (if required), to allow suitable placement and compaction of the pavement layers over the culvert.
- The unsuitable subgrade treatment shall be placed beneath culverts and is therefore not required at pavement subgrade over the culvert (refer to unsuitable subgrade treatment notes below).
- Spray seal rates shown on drawings are indicative only and provided for estimating purposes. The Contractor is responsible for the final seal design based on prevailing site conditions and aggregate properties at the time of construction.
- A prime must cure for 3 days before application of the final seal, in accordance with MRTS11.
- The concrete footpath shall be constructed as per FNQROC S1035, as per the concrete jointing requirements shown on this standard drawing.

UNSUITABLE SUBGRADE TREATMENT NOTES

- An unsuitable subgrade treatment is shown on the pavement details, which specifies a geofabric wrapped rock fill due to the frequent inundation and proximity to the Daintree River resulting in construction under wet conditions.
- In the instance existing rock is exposed at subgrade level, the rock fill can be omitted. However, the proposed geotextile shall be placed to prevent granular material loss into existing rock voids and to ensure adequate pavement compaction.
- Geotextile shall comply with MRTS27 Geotextiles (Separation and Filtration):
 - Strength Class C.
 - Filtration Class VI.
- The unsuitable subgrade treatment depth has been specified as 300 mm based on the geotechnical investigation findings. If mechanical interlock with no movement under a proof roll is not achieved at the top of this 300 mm rock layer, the treatment will need to be removed and deepened to achieve mechanical interlock to ensure no movement prior to placement of the pavement subbase.
- The unsuitable subgrade treatment has been shown directly beneath the pavement subbase in the pavement details. However, as shown on the TS series, in instances where the pavement is in fill, the unsuitable subgrade treatment shall be placed on the existing stripped surface prior to filling with embankment fill to pavement subbase.

UNSUITABLE SUBGRADE TREATMENT NOTES CONT.

- It is noted, due to the limitations of the 12D modelling, that the unsuitable subgrade treatment has been modelled throughout the project as per the pavement details (beneath subbase). Therefore, in areas of fill, the annotated cross sections still show the unsuitable subgrade treatment beneath subbase rather than at existing stripped surface. In these instances, the Contractor shall install the unsuitable subgrade treatment on the existing stripped surface prior to filling with embankment fill to pavement subbase, as per Note 5 above and as shown on the TS series.
- Rock fill shall consist of sound igneous, metamorphic or sedimentary rock or combination of these rock groups that will not disintegrate in water or when exposed to the weather. Rock fill shall be free from overburden, shale, clayey materials and organic matter. Rock shall be angular in shape and the least dimension of the rock shall not be less than half its greatest dimension.
- The thickness of the rock shall be 2x d50 rock size.
- All utility trenching should be undertaken prior to pavement and footpath construction and sealing to achieve a neat and tidy finished surface throughout the project

DRAINAGE NOTES

- Drainage works shall be in accordance with the FNQROC Specifications and Standard Drawings.
- Refer to FNQROC S4, S1046, S1078 and S1085 for the installation, bedding and backfilling to drainage pipes.
- Concrete headwalls for pipes < 675 mm dia. can be installed as per FNQROC S1075. All larger pipes shall be as per TMR SD1304.
- Proposed pre-cast headwalls, aprons and wingwalls should be confirmed with the designer.
- Type H2S support using embankment installation for multiple concrete pipes shall be adopted as per S1046.
- The contractor is to consider construction loadings on all drainage structures.
- All dimensions relevant to setting out the culverts on site shall be verified by the contractor prior to construction and fabrication.
- The contractor shall maintain the structure in a stable condition at all times and ensure no part is overstressed during construction activities.
- All temporary works are the responsibility of the contractor and shall comply with the relevant standards, acts and legislation.
- Existing culvert inverts levels are to be confirmed on site. If significant variances from the design invert level are found, contact the designer for direction.
- Flood modelling has been undertaken by Venant Solutions (October 2025), to inform the design of the ferry ramp and scour protection requirements. Flood modelling shows frequent and significant inundation of the entire project site. Hydraulic assessments of culverts and table drains were not part of scope. No hydraulic checks, flow rate or afflux calculations have been undertaken as the design is replacing all existing culverts with the same size or larger.
- Culverts, including end structures, shall be marine grade and C2 exposure classification to MRTS25.
- Pipe classes are shown on the DD series.
- The culvert foundations shall be inspected and tested prior to construction of the culverts to confirm they are suitable and well compacted as per the relevant specification. If soft or unsuitable material (low allowable bearing capacity) is encountered, it shall be removed and replacement with rock as per the unsuitable subgrade treatment notes and details (inclusive of the end structures).
- The contractor shall locally adjust earthworks to smoothly tie in with the culvert inlets/outlets and headwalls/end structures.

SIGNAGE, PAVEMENT MARKING AND FURNITURE NOTES

- All signage and line marking to be in accordance with Manual of Uniform Traffic Control Devices (MUTCD), FNQROC S2, MRTS14 and MRTS45.
- Signs shall be set out as per FNQROC S1041.
- Guideposts are to be installed as per TMR SD1356 and the MUTCD in the locations shown on the SL series. The distance from pavement edge shall be constant, generally between 1.2 m and 3.0 m.
- Hazard marker posts shall be installed as per SD1851 at all culvert headwalls.
- Refer to sign schedule for post size and foundation.
- Refer to TMR SD 1363, 1365 and 1368 for signage footing details.
- All sign posts are to be Grade C350LO.
- Pavement marking shall be waterborne as per MRTS45.
- Word, letter and number heights shall be as per AS1742.2 MUTCD Part 2 Section 5.5.2.2 and Figure 5.7.
- Arrow heights shall be as per AS1742.2 MUTCD Part 2 Section 5.5.2.3 and Figure 5.9, 5.10.
- Keep clear shall be as per AS1742.2 MUTCD Part 2 Section 5.5.2.6 and Figure 5.13.
- Chevrons shall be as per AS1742.2 MUTCD Part 2 Section 5.5.1 and Figure 5.4, 5.5.
- Disability markings shall be as per AS1428.1 (white) on a 1.0 m blue square.
- Fencing for the Ferry House shall tie in neatly to the existing fencing. Extents are to be confirmed on site to match the road and culvert extents (existing fence alignment was not surveyed). Fence shall be as per FNQROC S1027.
- Large diameter boulders are proposed to prevent vehicles accessing Cape Tribulation Road from the boat ramp car park. Boulders should be placed such that there is a maximum 1.5 m clearance between boulders to prevent vehicle access.

CULTURAL HERITAGE NOTES

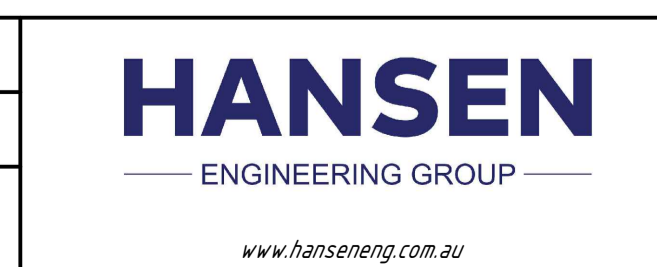
- There are two areas of significance identified by Yalanji People – "Yulba" Mud Mussel and Walking track south of Forest Creek road which is used to access Black Palm. No work is to occur within these areas. Refer to:
 - Cultural Heritage Survey (20 November 2025).
 - Daintree Ferry update Cultural Heritage assessment (Nov 2024).
- These areas have been highlighted on these drawings.

C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
Rev	Description	By	Appd	Date
	AMENDMENTS			



Scales
NTS

Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	GENERAL NOTES AND LEGEND - SHEET 1 / 2



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C02-GN-01
Revision	C

ROAD GEOMETRY NOTES

- The project scope, as advised by Douglas Shire Council, was to adopt the existing road horizontal and vertical geometry and re-use the existing pavement to allow for better expenditure of available budget. Therefore, the existing road geometry and pavement has been adopted, resulting in unusual road geometry in some areas. Without significant reconstruction, this geometry cannot be brought up to current road design standards.
- The project adopts a 40 km/h posted speed area due to the urbanised environment and high traffic and pedestrian usage within a confined, environmentally sensitive area. To further reduce vehicle speeds, warning and hazard signs have been proposed, in addition to speed bumps and bolted on rubber kerbs with posts to separate and direct traffic.
- These features allow absolute minimum road geometry standards to be adopted in a safe and controlled manner.

SAFETY IN DESIGN NOTES

- Hansen Engineering Group has prepared this design in accordance with the Work Health and Safety Regulation 2011 (QLD), considering foreseeable risks during construction, maintenance, use and demolition.
- A detailed Safety in Design Risk Register has been prepared for this project and shall be read in conjunction with all drawings, specifications and supporting documents.
- Refer to HEG SiD Report 25019-Daintree-SiD Register for further details. This register shall be updated by the Contractor, Client, and Operator/Maintainer throughout future project stages.
- Hansen Engineering Group has discharged their duties as the designer under Clause 295 of the WHS Regulation.

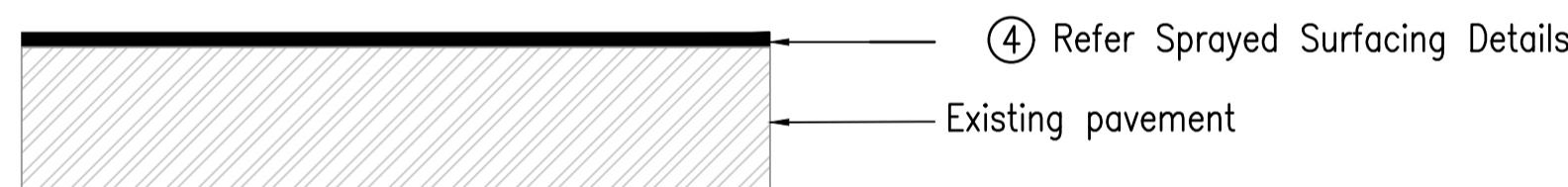
DESIGN TRAFFIC NUMBERS

AADT = 860 (two-way, 2026)
 HV = 11%
 Growth factor = 1%
 Assumed design subgrade = CBR 3%
 ESA/HVAG = 0.98
 NHVAG / HV = 2.0
 NDT (20 years) = 7.2×10^5 HVAG
 DESA (design traffic, 20 years) = 7.0×10^5 ESA

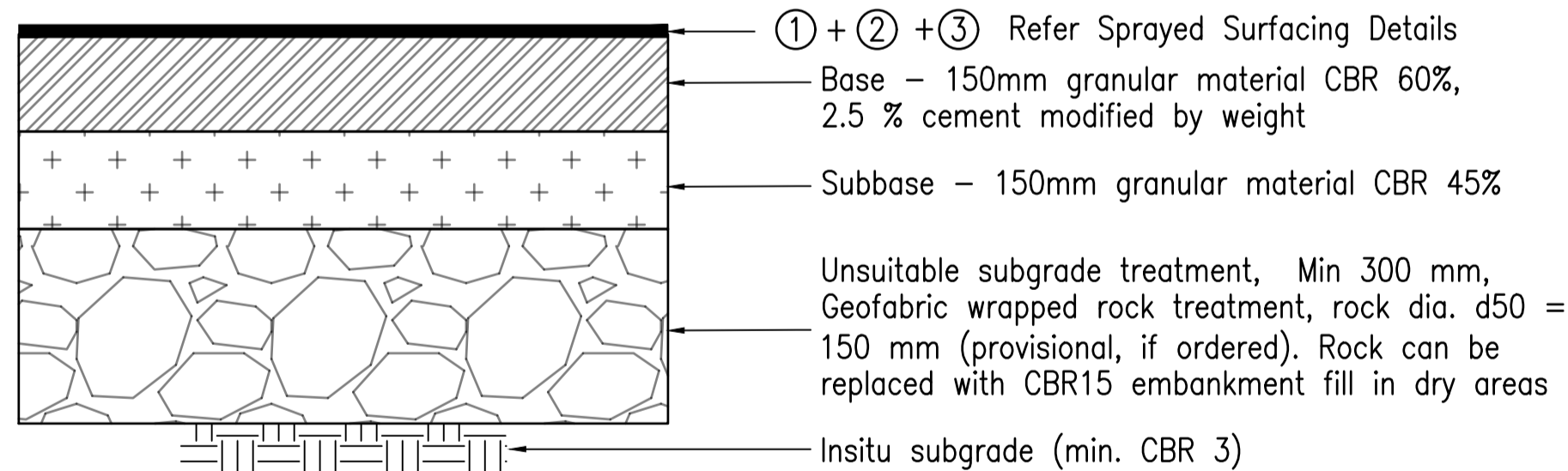
SPRAYED SURFACING DETAILS

- Prime (initial treatment), Binder Class AMC00, spray rate 0.8 L/m²
- First Coat, Binder Class S10E spray rate 1.7 L/m²
16mm pre-coated aggregate, spread rate 85 m²/m³
- Second Coat, Binder Class S10E spray rate 1.2 L/m²
10mm pre-coated aggregate, spread rate 130 m²/m³
- Reseal, Binder Class S10E spray rate 1.4 L/m²
10mm pre-coated aggregate, spread rate 130 m²/m³

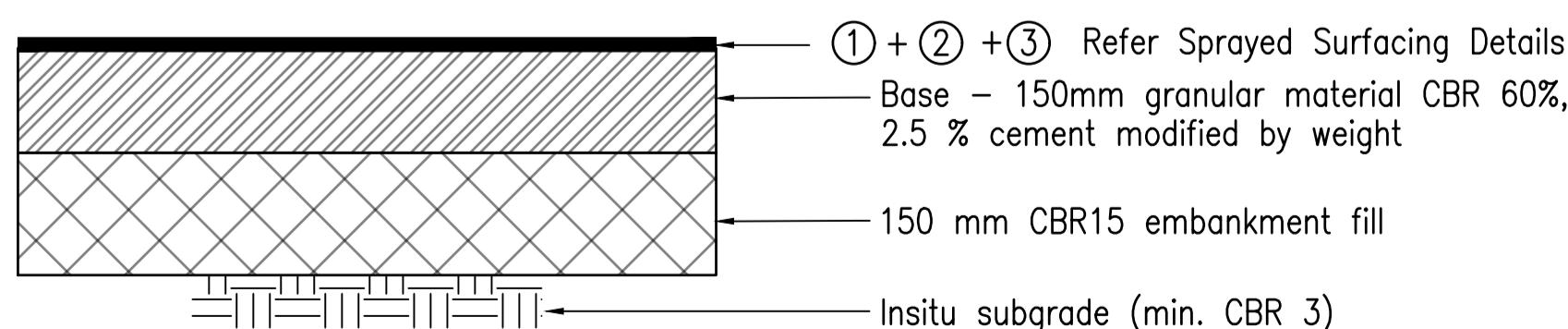
PAVEMENT TYPE 1 – EXISTING PAVEMENT RESEAL



PAVEMENT TYPE 2 – PAVEMENT WIDENING



PAVEMENT TYPE 3 – CAR PARKS



EXISTING LEGEND

- Property Boundary
- Existing surveyed features
- UG LV power (surveyed)
- OH Ergon power (surveyed)
- UG LV power (supplied by DSC)
- UG Telstra (surveyed)
- UG Telstra (BYDA)
- UG water main (surveyed)
- UG water main (supplied by DSC)
- Existing light pole
- Existing sewer manhole
- Existing Telstra marker
- Existing Telstra pit
- Existing solar powered light pole
- Existing sign
- Existing drainage pit with grate
- Existing electrical pit
- Existing ticket booth
- Existing speed hump
- Existing mooring pile
- Existing cable piles
- Existing water top
- Existing timber bollard
- Existing pedestrian shelter

EXISTING FEATURES LEGEND

- Existing road to be removed and landscaped
- Clearing and grubbing extent
- Existing concrete to be demolished
- Existing bolted on rubber kerb and speed bumps to be demolished
- Existing culvert and headwall to be demolished
- Existing fencing to be demolished

PROPOSED LEGEND

- Design control line
- Fencing
- Speed bump
- Boom gate
- Bolted on rubber kerb with posts
- Wheel stop
- Sign
- Relocated ticket booth
- Relocated pedestrian shelter
- Large diameter boulder
- Future infringement camera (by others)
- Cultural heritage vegetation line and exclusion zone
- Pavement Batter
- Proposed Culvert
- Concrete footpath / median
- Structural concrete, refer structural drawings
- Dredge spoil bund

PAVEMENT LEGEND

- Pavement Type 1 – Existing pavement reseal
- Pavement Type 2 – Pavement widening
- Pavement Type 3 – Car parks
- Concrete footpath

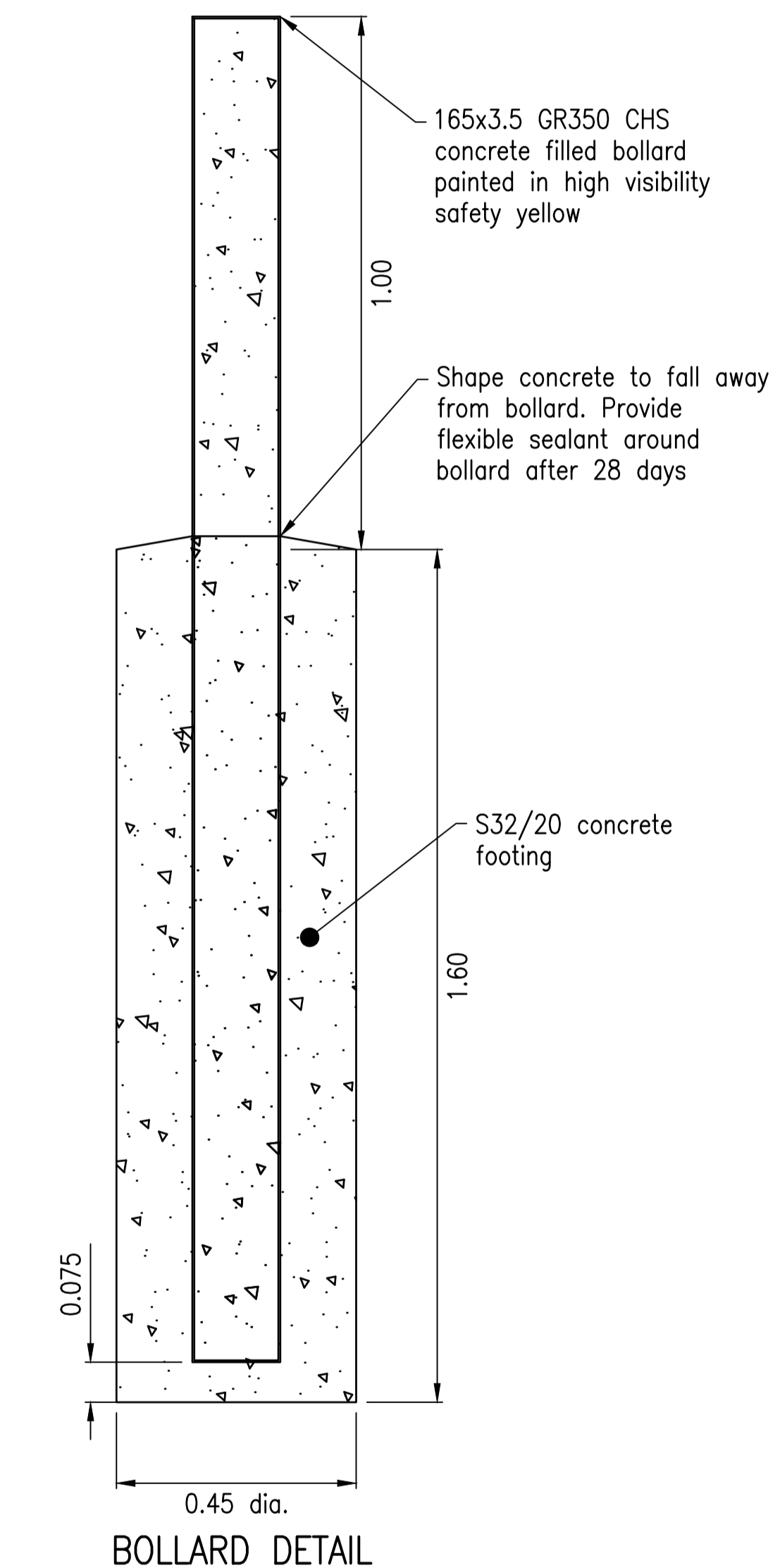
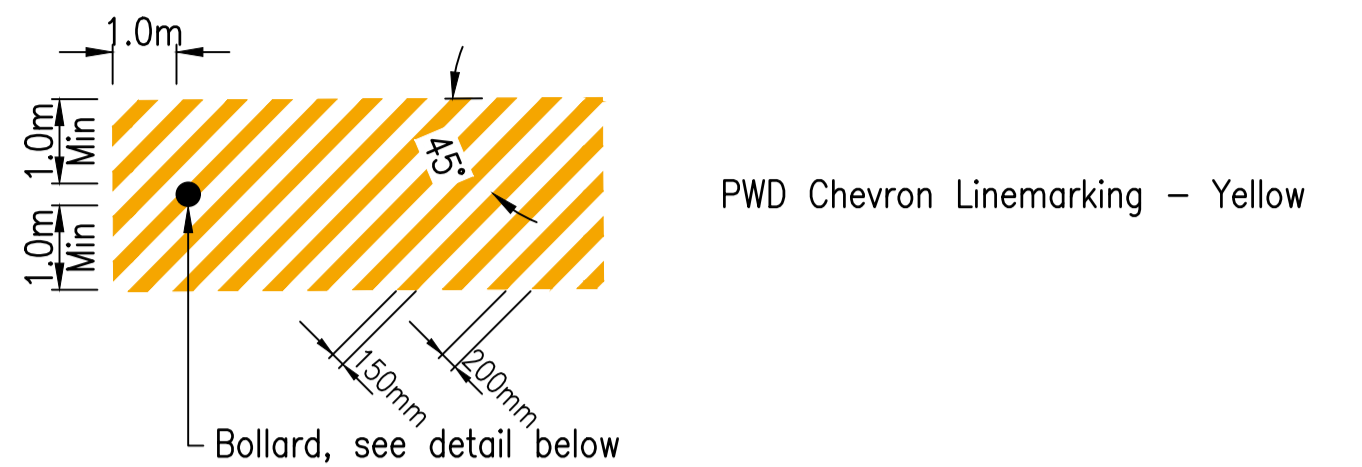
PROPOSED LINE MARKING LEGEND

- EL1 – Edge Line
- CL1 – Continuity Line
- LL1 – Lane Line (broken)
- LL4 – Lane Line (continuous)
- OL1 – Outline marking
- PS1 – Continuous line – Parking Space
- BL2-R – Double barrier line with RRPMS
- GWL – Give way Line
- SL – Stop Line
- Road edge guide post
- EL1-Y – Edge Line, yellow
- CL1-Y – Continuity Line, yellow
- PWD Parking Bay Symbol (AS1428.1)

RAISED PAVEMENT MARKER LEGEND:

- Unidirectional – Red
- Bidirectional – Yellow
- Unidirectional – Yellow

PWD BAY DETAILS:

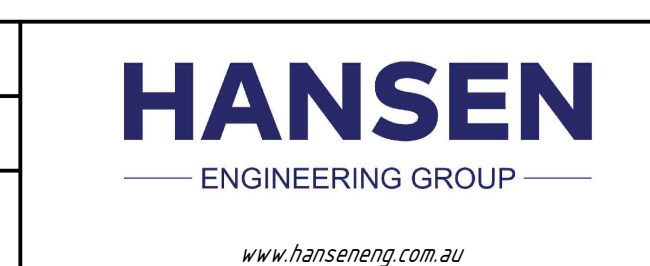


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B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



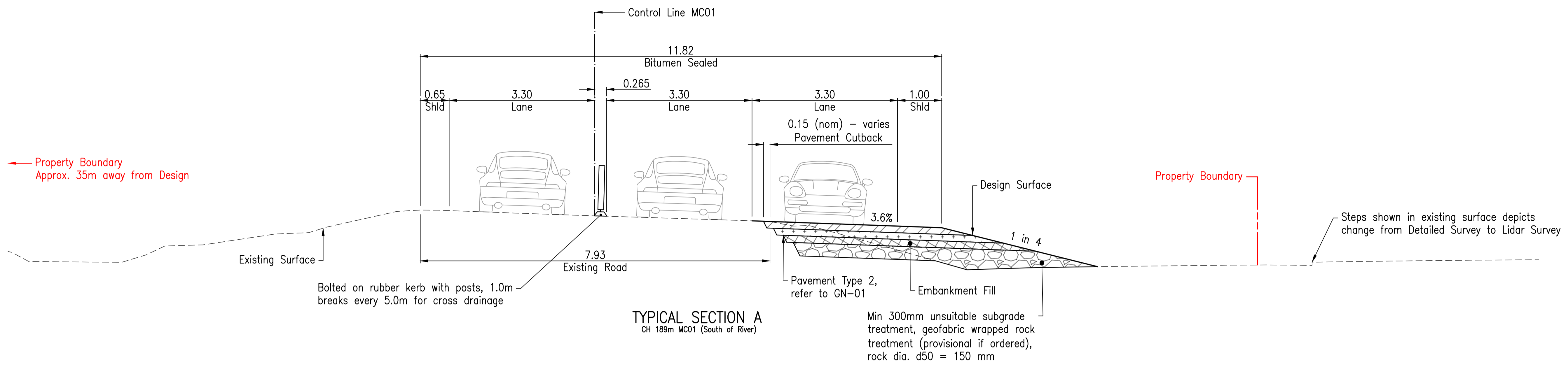
Scales
NTS

Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: GENERAL NOTES AND LEGEND - SHEET 2 / 2

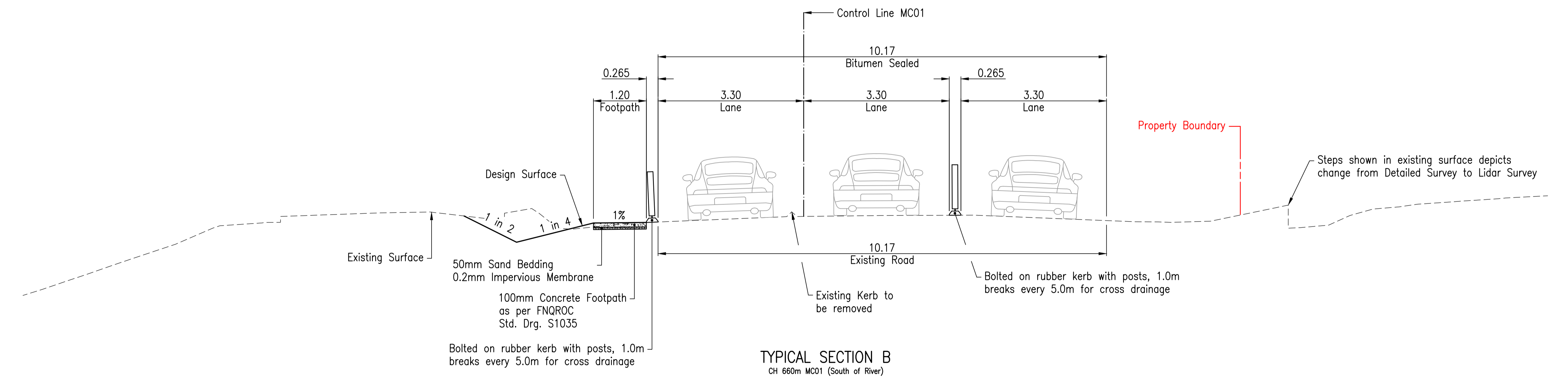


Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C02-GN-02
Revision	C

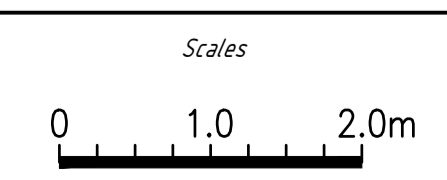


TYPICAL SECTION A
CH 189m MC01 (South of River)



TYPICAL SECTION B
CH 660m MC01 (South of River)

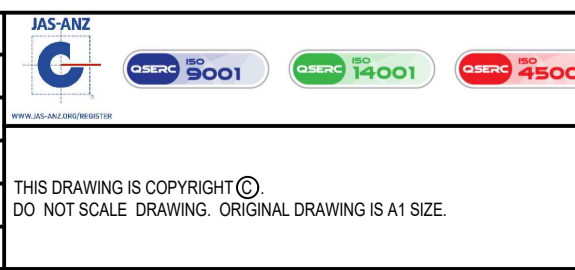
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C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: TYPICAL CROSS SECTIONS - SHEET 1 / 3



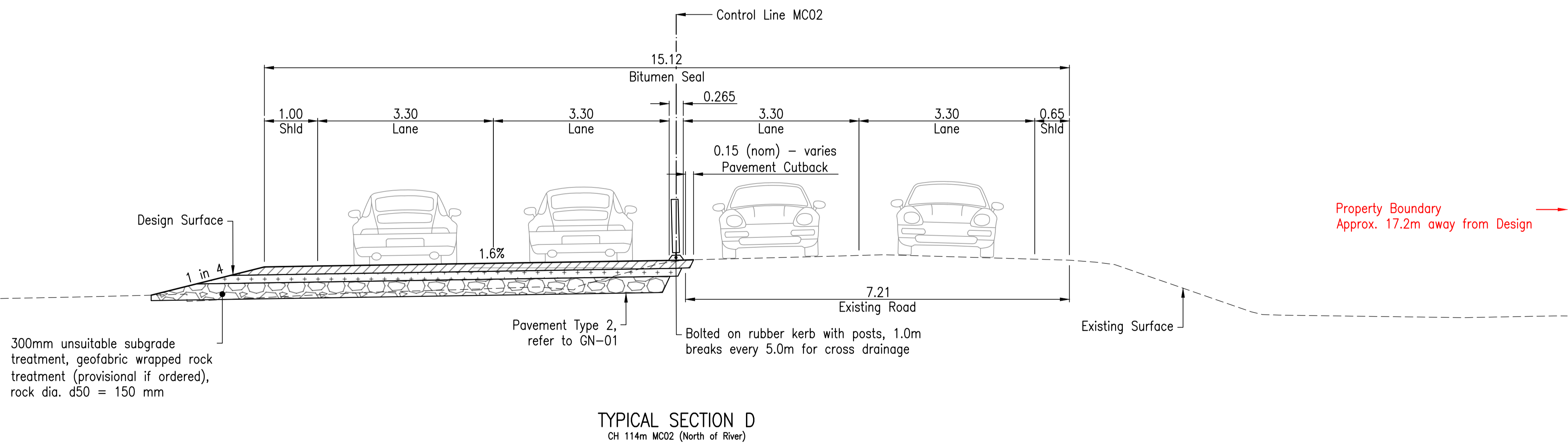
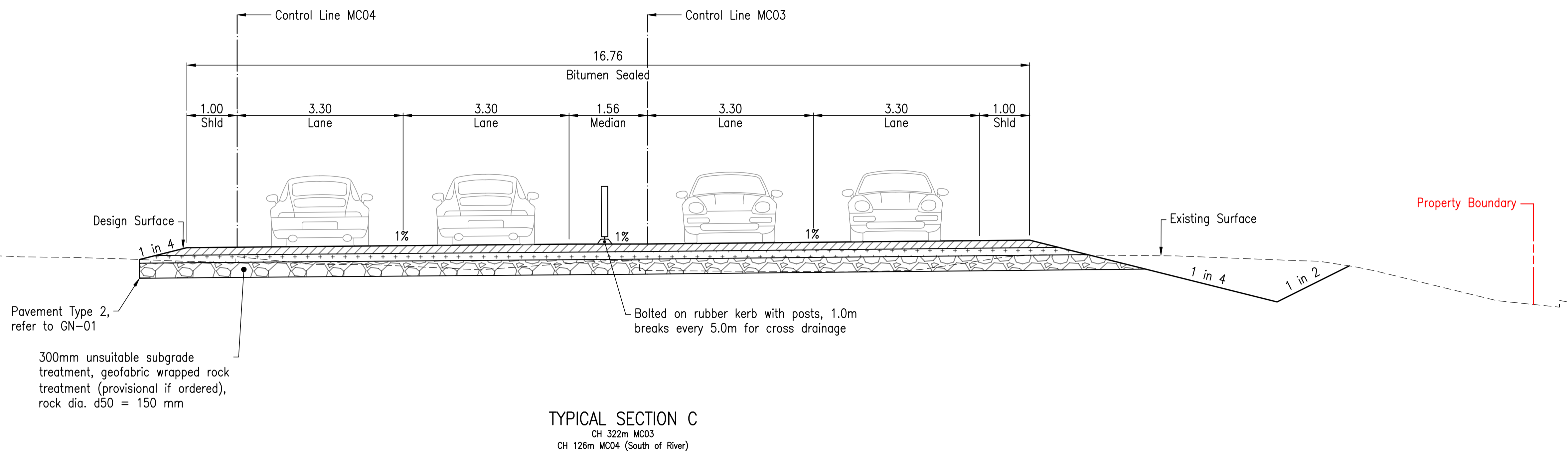
Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C03-TS-01
Revision	C

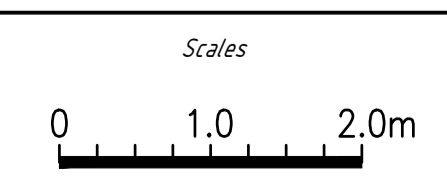
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B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025

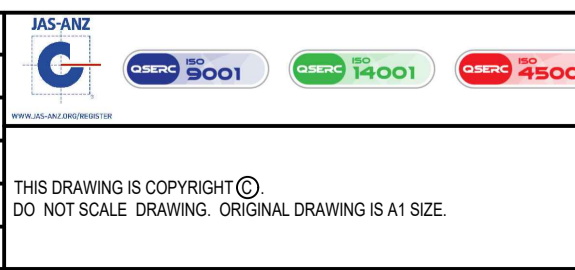
AMENDMENTS



Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: TYPICAL CROSS SECTIONS - SHEET 2 / 3

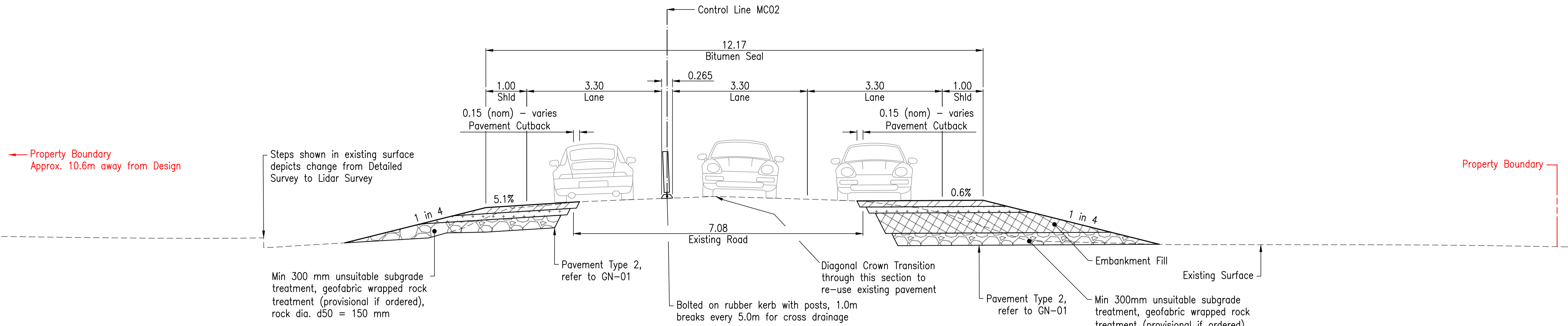


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Date	18/12/2025
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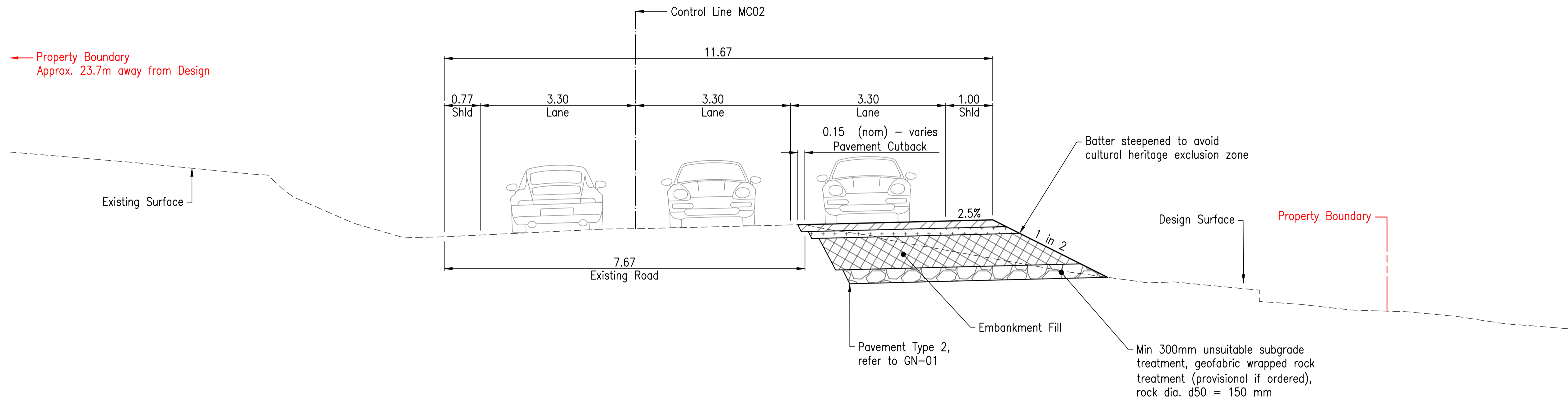


DETAILED DESIGN

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Drawing Number	25019-HEG-C03-TS-02
Revision	C

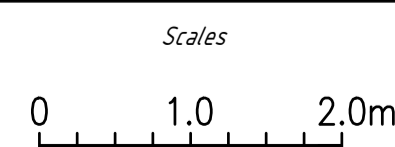


TYPICAL SECTION E
CH 290m MC02 (North of River)



TYPICAL SECTION F
CH 404m MC02 (North of River)

Rev	Description	By	Appd	Date
A	100% Submission	PS	ES	18/12/2025
AMENDMENTS				



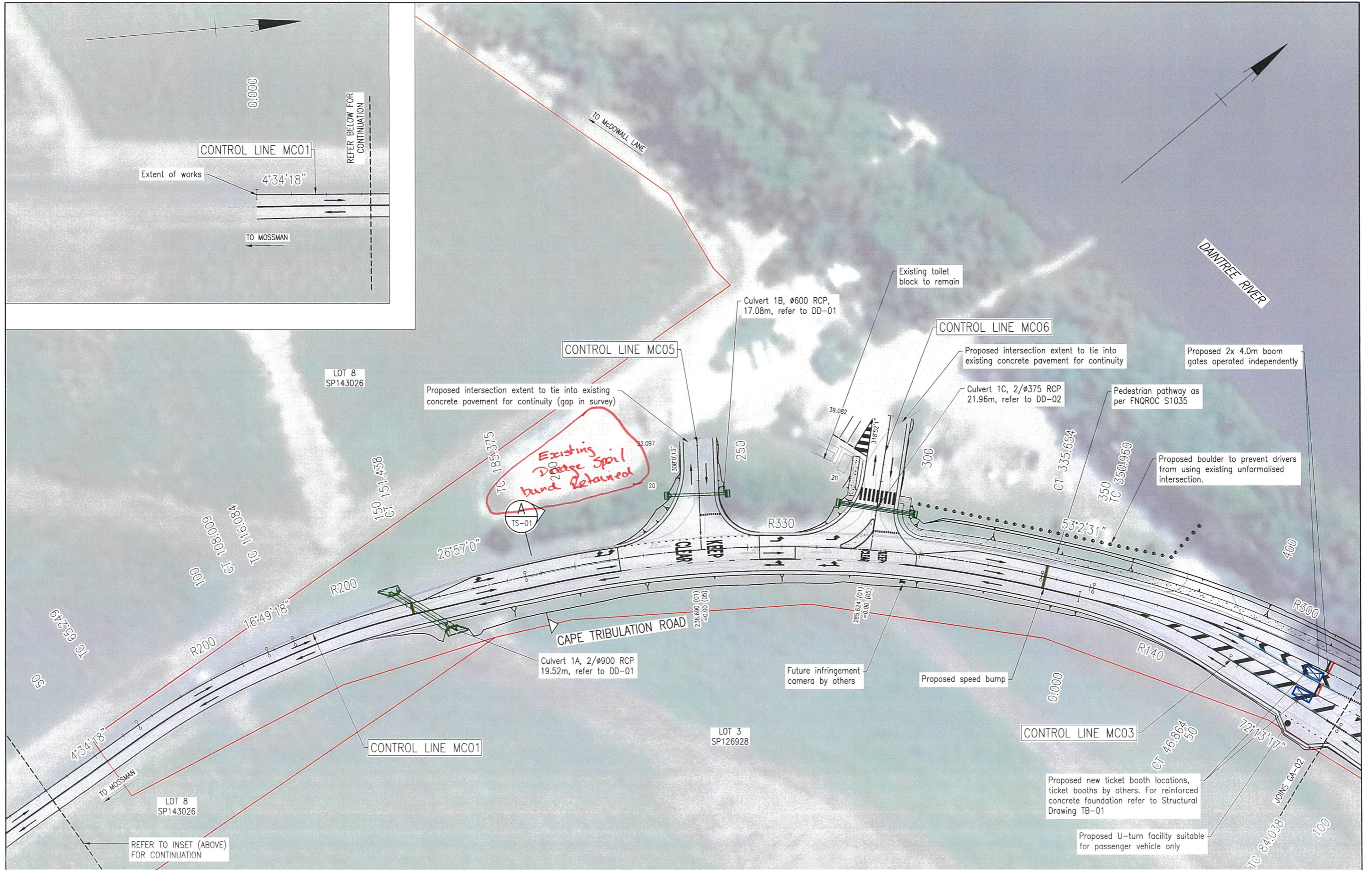
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Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	TYPICAL CROSS SECTIONS - SHEET 3 / 3



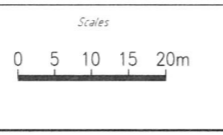
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DETAILED DESIGN	
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Drawing Number	25019-HEG-C03-TS-03
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B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025

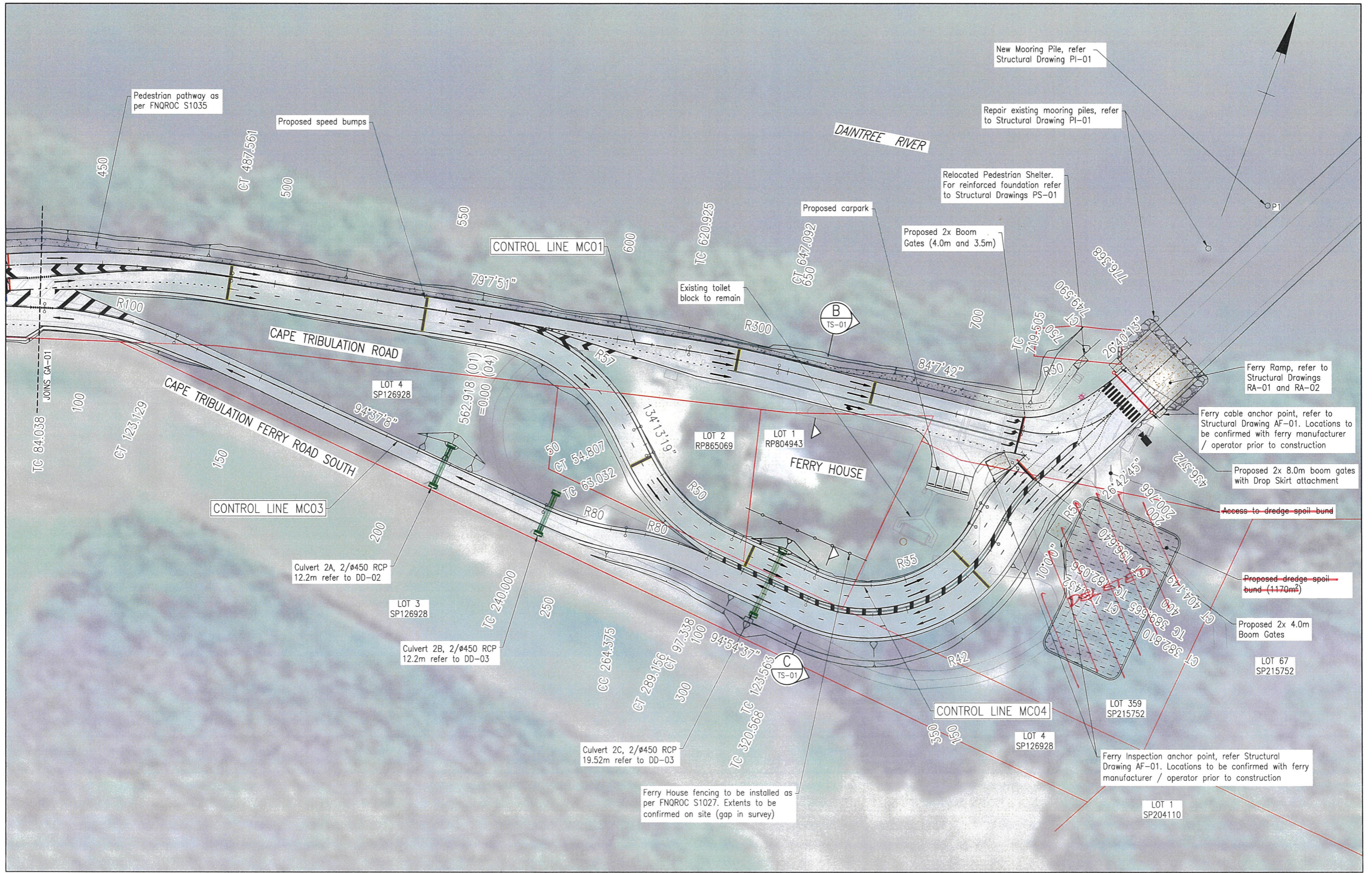


Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 1 / 4

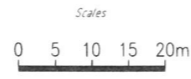


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Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-01
Revision	C



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 2 / 4

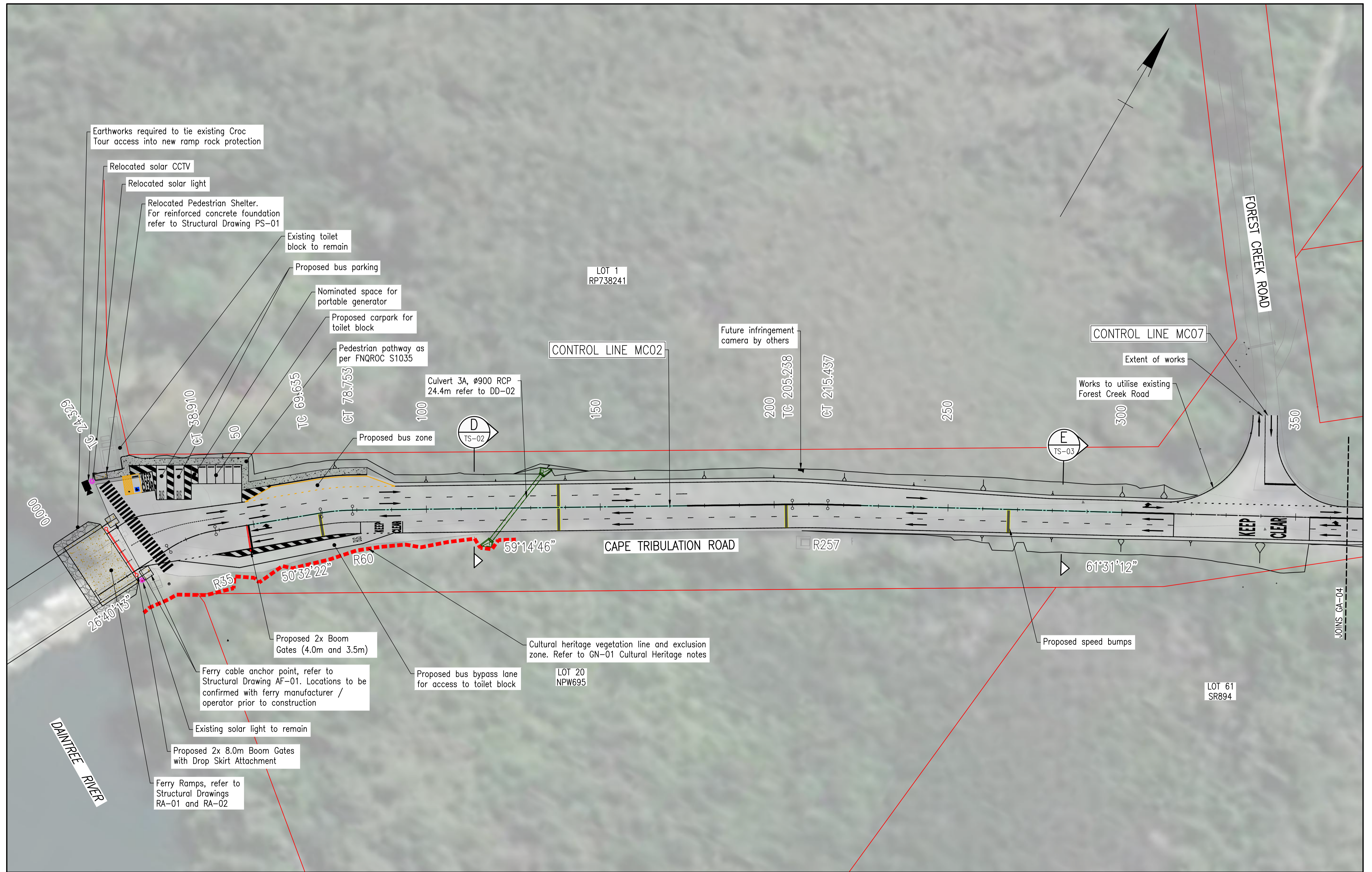


Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
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RPEQ No.	

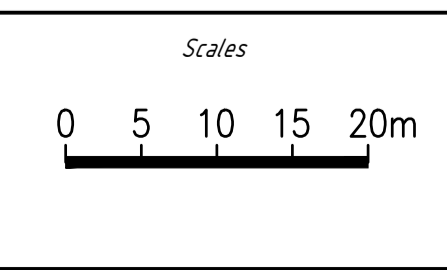


DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-02
Revision	C

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B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	GENERAL ARRANGEMENT - SHEET 3 / 4

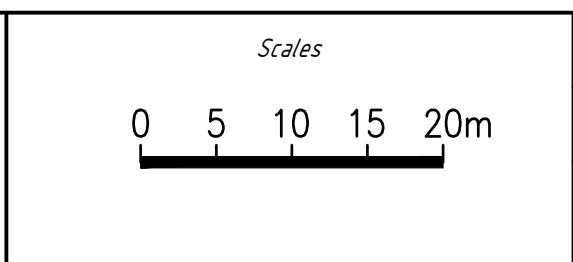


Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-03
Revision	C



Rev	Description	By	Appd	Date
C	100% Submission			18/12/2025
B	70% Submission			4/11/2025
A	30% Submission			19/09/2025



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	GENERAL ARRANGEMENT - SHEET 4 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-04
Revision	C

AMENDMENTS

CONTROL LINE SETOUT – MC01								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328226.235	8201114.106	2.087	4°34'18.35"	LINE		65.249
TC	65.249	328231.436	8201179.147	2.237	4°34'18.35"	ARC	200.000	42.761
CT	108.009	328239.358	8201221.085	2.247	16°49'18.33"	LINE		8.075
TC	116.084	328241.695	8201228.814	2.198	16°49'18.33"	ARC	200.000	35.354
CT	151.438	328254.856	8201261.577	2.163	26°57'00.00"	LINE		33.936
TC	185.375	328270.236	8201291.828	2.084	26°57'00.00"	ARC	330.000	150.279
CT	335.654	328365.994	8201405.963	2.297	53°02'31.27"	LINE		15.306
TC	350.960	328378.224	8201415.166	2.419	53°02'31.27"	ARC	300.000	136.601
CT	487.561	328502.023	8201470.061	3.045	79°07'51.22"	LINE		133.364
TC	620.925	328632.995	8201495.209	3.270	79°07'51.22"	ARC	300.000	26.167
CT	647.092	328658.875	8201499.017	3.077	84°07'42.40"	LINE		72.413
TC	719.505	328730.908	8201506.425	2.266	84°07'42.40"	ARC	-30.000	30.085
CT	749.590	328754.648	8201522.802	2.234	26°40'12.70"	LINE		26.777
E	776.368	328766.667	8201546.730		26°40'12.70"			

CONTROL LINE SETOUT – MC05								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328296.949	8201335.582	2.133	308°00'13.35"	LINE		32.097
E	32.097	328271.658	8201355.345	2.002	308°00'13.35"			

SOUTH CARPARK SETOUT – MC01								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328699.310	8201496.274	2.493	174°07'42.40"	ARC	9.500	14.923
CT	14.923	328709.732	8201487.796	2.429	174°07'42.40"	LINE		5.500
DIS	20.423	328710.295	8201482.324	2.406	84°07'42.40"	LINE		12.500
DIS	32.923	328722.729	8201483.603	2.352	35°07'42.40"	LINE		5.500
TC	38.423	328722.166	8201489.074	2.328	35°07'42.40"	ARC	9.500	14.923
E	53.345	328730.645	8201499.496	2.264	84°07'42.40"			

CONTROL LINE SETOUT – MC06								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328328.445	8201372.975	2.145	318°52'01.32"	LINE		39.082
E	39.082	328302.736	8201402.411	2.322	318°52'01.32"			

NORTH CARPARK SETOUT – MC02								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328915.435	8201826.047	1.871	329°34'44.78"	LINE		10.834
DIS	10.834	328909.949	8201835.389	1.863	239°34'44.78"	LINE		29.379
DIS	40.213	328884.615	8201820.513	1.804	320°49'52.18"	LINE		2.024
DIS	42.237	328883.337	8201822.082	1.798	230°49'48.25"	LINE		4.800
DIS	47.037	328879.615	8201819.050	1.782	140°49'45.52"	LINE		5.400
DIS	52.437	328883.026	8201814.864	1.764	230°49'48.25"	LINE		8.417
DIS	60.853	328876.501	8201809.548	1.731	127°08'45.53"	LINE		11.206
DIS	72.059	328885.433	8201802.781	1.686	203°30'13.60"	LINE		3.193
DIS	75.253	328884.160	8201799.853	1.701	116°42'44.96"	LINE		2.500
DIS	77.752	328886.393	8201798.729	1.731	26°42'15.92"	LINE		5.717
TC	83.469	328888.961	8201803.836	1.821	26°42'15.92"	ARC	15.149	6.823
CT	90.292	328893.275	8201809.048	1.943	52°30'33.51"	LINE		27.929
E	118.221	328915.435	8201826.047	1.871	52°30'33.51"			

CONTROL LINE SETOUT – MC02								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328893.007	8201782.193	-0.024	26°40'13.34"	LINE		24.329
TC	24.329	328903.927	8201803.934	1.911	26°40'13.34"	ARC	35.000	14.581
CT	38.910	328912.959	8201815.246	1.901	50°32'22.30"	LINE		30.725
TC	69.635	328936.681	8201834.773	1.990	50°32'22.30"	ARC	60.000	9.118
CT	78.753	328944.132	8201840.012	2.001	59°14'46.41"	LINE		126.485
TC	205.238	329052.830	8201904.690	2.366	59°14'46.41"	ARC	257.000	10.199
CT	215.437	329061.696	8201909.730	2.288	61°31'12.00"	LINE		155.870
TC	371.307	329198.703	8201984.057	4.534	61°31'12.00"	ARC	-53.500	31.052
CT	402.358	329220.312	8202005.747	4.930	28°15'55.36"	LINE		38.119
TC	440.477	329238.364	8202039.321	3.585	28°15'55.36"	ARC	280.000	48.369
CS	488.846	329264.826	8202079.737	3.019	38°09'46.82"	TRANSITION		30.000
ST	518.846	329284.191	8202102.645	2.988	41°13'56.72"	LINE		7.794
E	526.640	329289.328	8202108.507	3.024	41°13'56.72"			

KERB RETURN SETOUT – MC01 MC05								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328280.493	8201316.871	2.174	308°00'13.42"	ARC	-23.500	34.284
E	34.284	328274.945	8201347.700	1.969	308°00'13.42"			

KERB RETURN SETOUT – MC05 MC01								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328280.179	8201354.397	2.010	128°00'13.42"	LINE		8.799
TC	8.799	328287.113	8201348.979	2.164	128°00'13.42"	ARC	-12.500	19.467
E	28.266	328304.554	8201351.001	2.233	38°46'29.34"			

KERB RETURN SETOUT – MC01 MC06								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328311.237	8201359.058	2.237	318°52'01.39"	ARC	-20.000	28.521
E	28.521	328311.109	8201385.222	2.164	318°52'01.39"			

KERB RETURN SETOUT – MC06 MC01								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328323.585	8201386.140	2.172	46°51'55.04"	ARC	-9.000	14.452
E	14.452	328336.517	8201385.493	2.308	46°51'55.04"			

KERB RETURN SETOUT – MC02 MC07								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	329145.001	8201958.678	2.367	330°31'12.00"	ARC	-25.000	39.706
CT	39.706	329154.843	8201992.955	3.422	330°31'12.00"	LINE		0.198
E	39.904	329154.746	8201993.128	3.437	330°31'12.00"			

CONTROL LINE SETOUT – MC03								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328377.418	8201410.429	2.237	72°13'16.75"	ARC	140.000	46.864
CT	46.864	328418.842	8201431.872	2.366	72°13'16.75"	LINE		37.174
TC	84.038	328454.240	8201443.223	2.426	72°13'16.75"	ARC	100.000	39.091
CT	123.129	328492.827	8201447.674	2.397	94°37'08.34"	LINE		116.871
TC	240.000	328609.319	8201438.262	2.513	94°37'08.34"	ARC	-80.000	24.374
CC	264.375	328633.537	8201440.002	2.453	77°09'43.39"	ARC	80.000	24.781
CT	289.156	328658.160	8201441.708	2.360	94°54'36.94"	LINE		31.412
TC	320.568	328689.456	8201439.020	2.581	94°54'36.94"	ARC	-42.000	62.242
CT	382.810	328734.413	8201473.572	2.688	10°00'00.00"	LINE		6.755
TC	389.565	328735.586	8201480.225	2.627	10°00'00.00"	ARC	50.000	14.584
CT	404.149	328740.163	8201494.018	2.136	26°42'44.96"	LINE		32.223
E	436.372	328754.648	8201522.802	2.235	26°42'44.96"			

CONTROL LINE SETOUT – MC04								
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP.SEG	DEP.RAD	DEP.LEN
S	0.000	328576.029	8201484.271	3.152	134°13'19.02"	ARC	57.000	54.807
CT	54.807	328626.531	8201469.142	2.555	134°13'19.02"	LINE		8.225
TC	63.032	328632.426	8201463.405	2.506	134°13'19.02"	ARC	-50.000	34.306
CT	97.338	328663.018	8201449.421	2.342	94°54'36.94"	LINE		26.225
TC	123.563	328689.147	8201447.176	2.515	94°54'36.94"	ARC	-35.000	51.869
CT	175.432	328726.611	8201475.970	2.715	10°00'00.00"	LINE		6.624
TC	182.056	328727.761	8201482.493	2.649	10°00'00.00"	ARC	50.000	14.584
CT	196.640	328732.338	8201496.286	2.285	26°42'45.00"	LINE		4.126
E	200.766	328734.193	8201499.972	2.245	26°42'45.00"			

B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



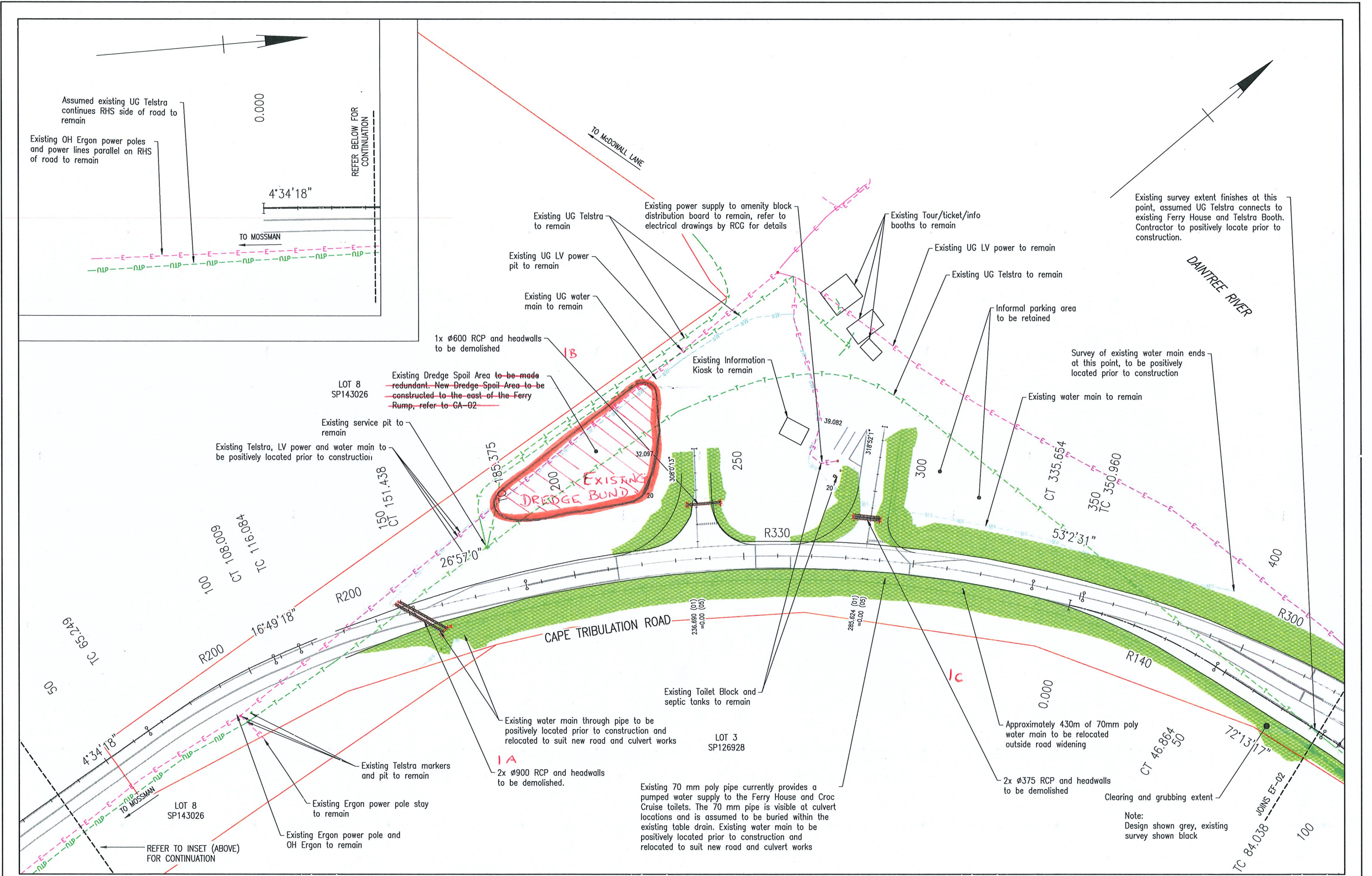
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Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: CONTROL LINE SETOUT TABLES - SHEET 1 / 1

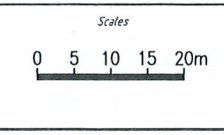


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 Job Number: 25019
 Drawing Number: 25019-HEG-C04-GA-05
 Revision: B



C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



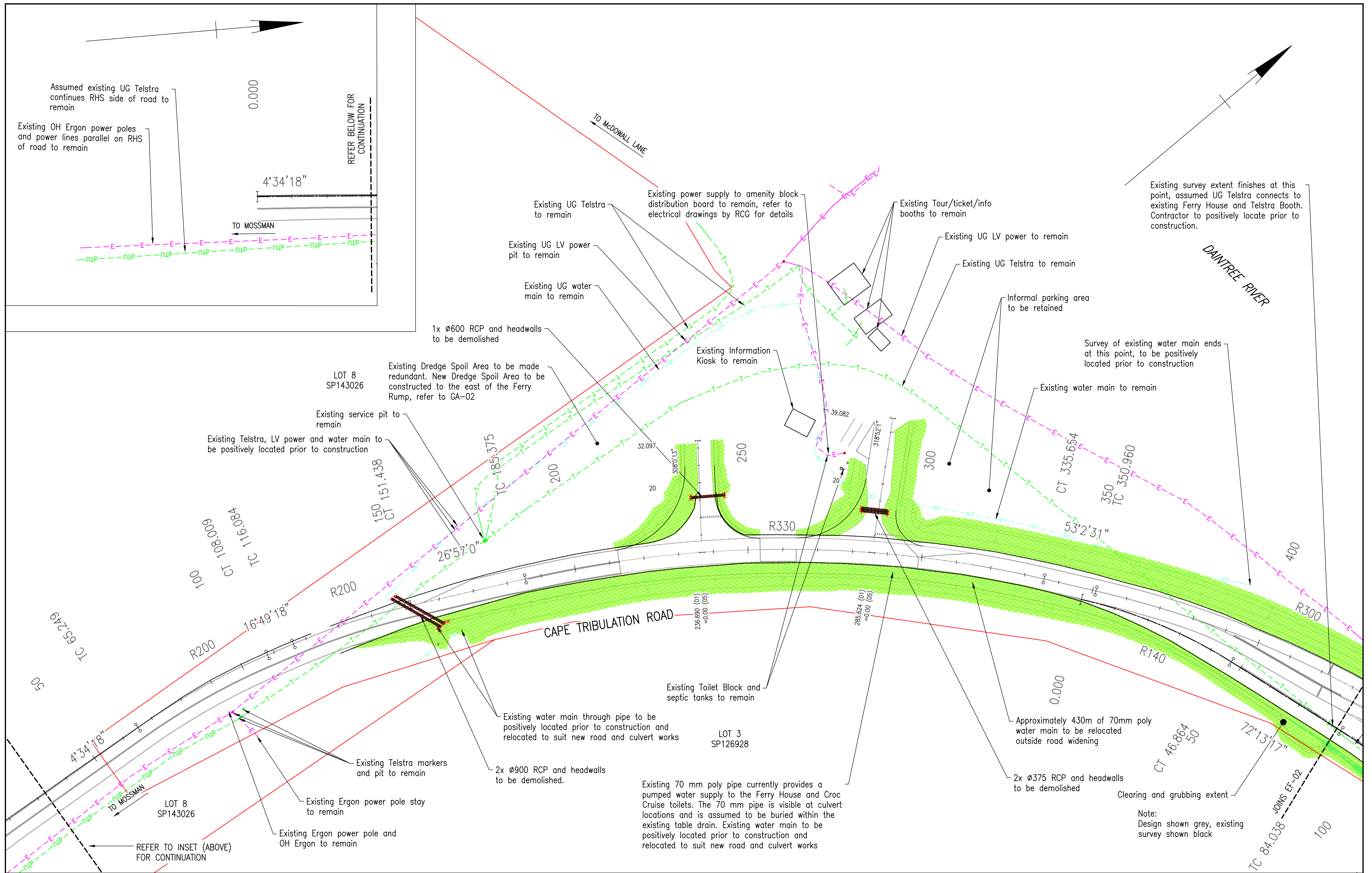
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 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 1 / 4



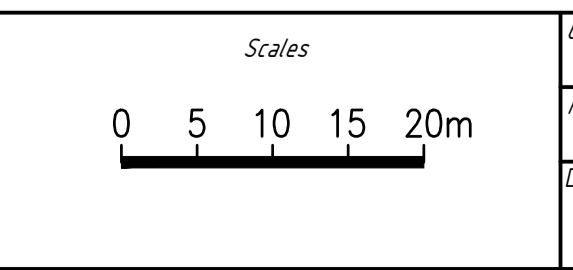
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Drawing Number	25019-HEG-C05-EF-01
Revision	C

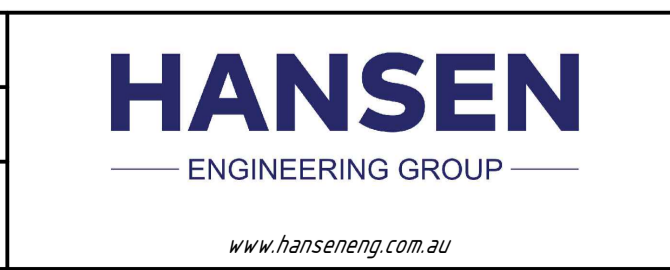
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A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				

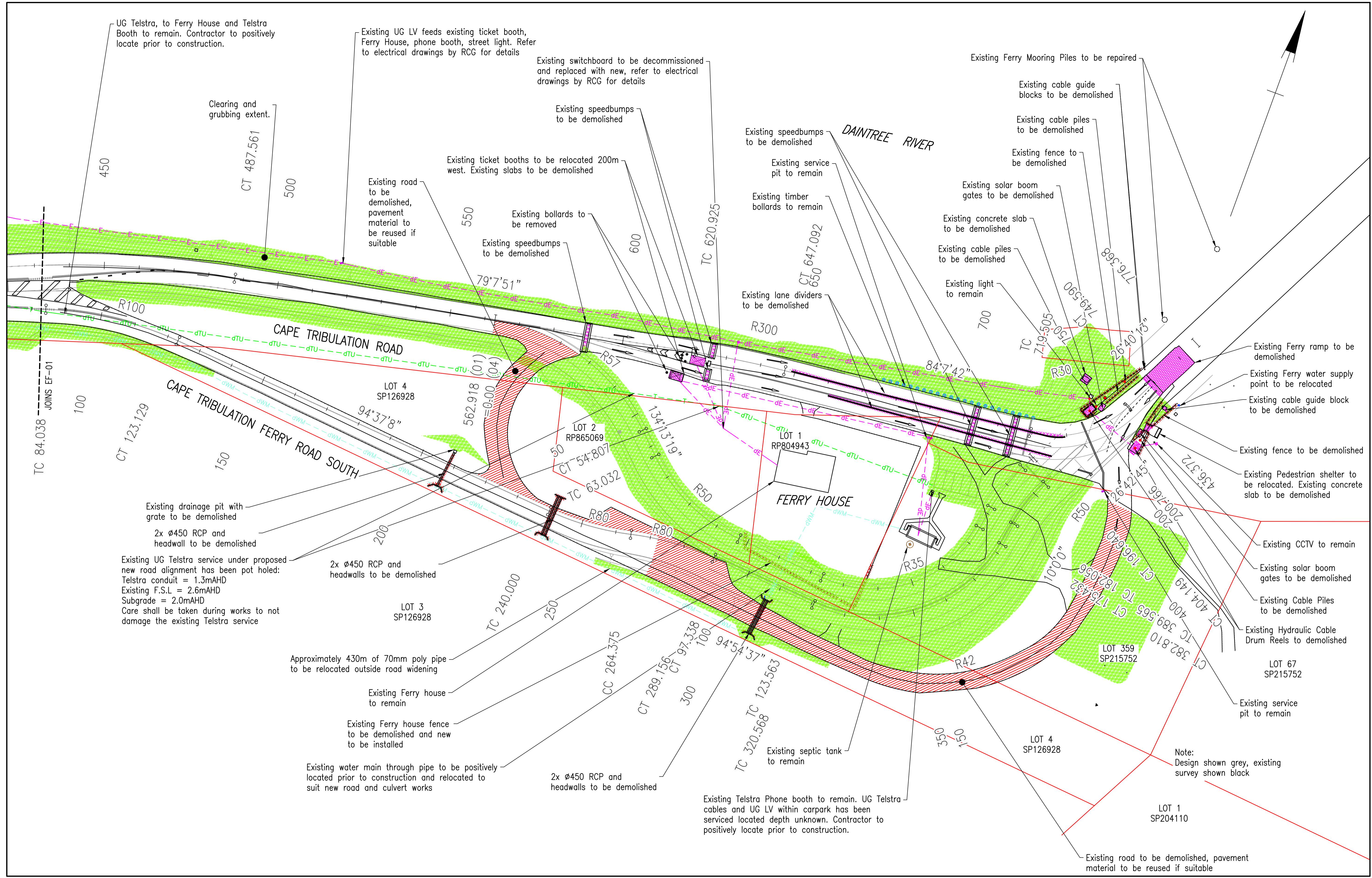


Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 1 / 4



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Job Number	25019
Drawing Number	25019-HEG-C05-EF-01
Revision	C



UG Telstra, to Ferry House and Telstra Booth to remain. Contractor to positively locate prior to construction.

Existing UG LV feeds existing ticket booth, Ferry House, phone booth, street light. Refer to electrical drawings by RCG for details

Existing switchboard to be decommissioned and replaced with new, refer to electrical drawings by RCG for details

Clearing and grubbing extent.

Existing speedbumps to be demolished

Existing ticket booths to be relocated 200m west. Existing slabs to be demolished

Existing road to be demolished, pavement material to be reused if suitable

Existing bollards to be removed

Existing speedbumps to be demolished

Existing speedbumps to be demolished

Existing service pit to remain

Existing timber bollards to remain

Existing lane dividers to be demolished

Existing Ferry Mooring Piles to be repaired

Existing cable guide blocks to be demolished

Existing cable piles to be demolished

Existing fence to be demolished

Existing solar boom gates to be demolished

Existing concrete slab to be demolished

Existing cable piles to be demolished

Existing light to remain

Existing Ferry ramp to be demolished

Existing Ferry water supply point to be relocated

Existing cable guide block to be demolished

Existing fence to be demolished

Existing Pedestrian shelter to be relocated. Existing concrete slab to be demolished

Existing CCTV to remain

Existing solar boom gates to be demolished

Existing Cable Piles to be demolished

Existing Hydraulic Cable Drum Reels to be demolished

LOT 67 SP215752

Existing service pit to remain

Existing drainage pit with grate to be demolished
2x ø450 RCP and headwall to be demolished

Existing UG Telstra service under proposed new road alignment has been pot holed:
Telstra conduit = 1.3mAHD
Existing F.S.L = 2.6mAHD
Subgrade = 2.0mAHD
Care shall be taken during works to not damage the existing Telstra service

2x ø450 RCP and headwalls to be demolished

Approximately 430m of 70mm poly pipe to be relocated outside road widening

Existing Ferry house to remain

Existing Ferry house fence to be demolished and new to be installed

Existing water main through pipe to be positively located prior to construction and relocated to suit new road and culvert works

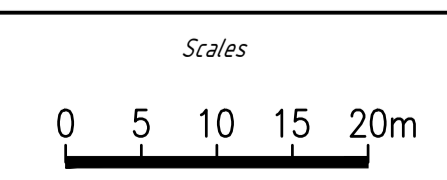
2x ø450 RCP and headwalls to be demolished

Existing Telstra Phone booth to remain. UG Telstra cables and UG LV within carpark has been serviced located depth unknown. Contractor to positively locate prior to construction.

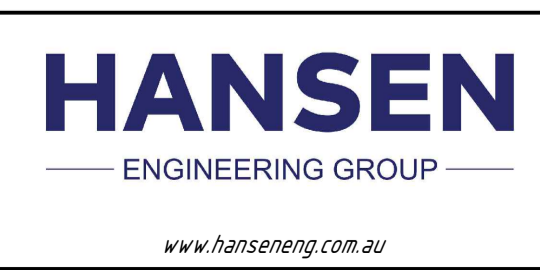
Note:
Design shown grey, existing survey shown black

Existing road to be demolished, pavement material to be reused if suitable

Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				

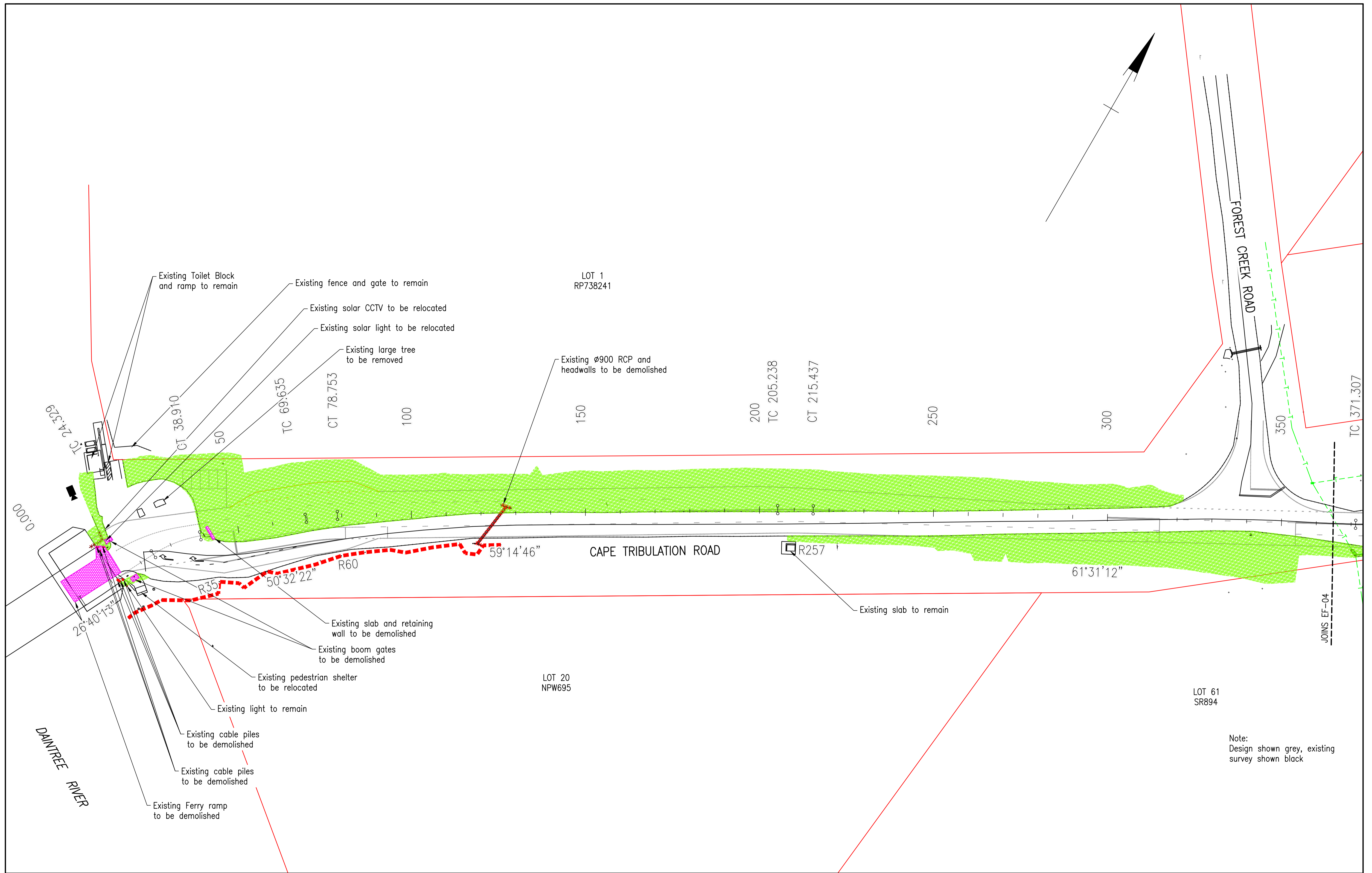


Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 2 / 4



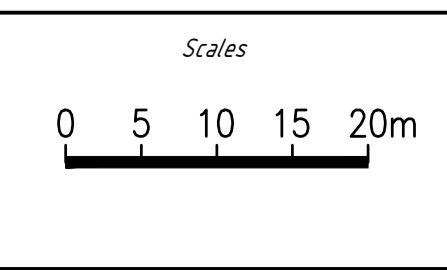
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Date	18/12/2025
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Approved	ES
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DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C05-EF-02
Revision	C



Note:
Design shown grey, existing
survey shown black

Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				

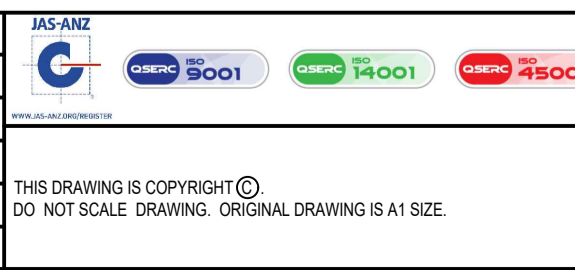


Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 3 / 4



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Job Number	25019
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Revision	C



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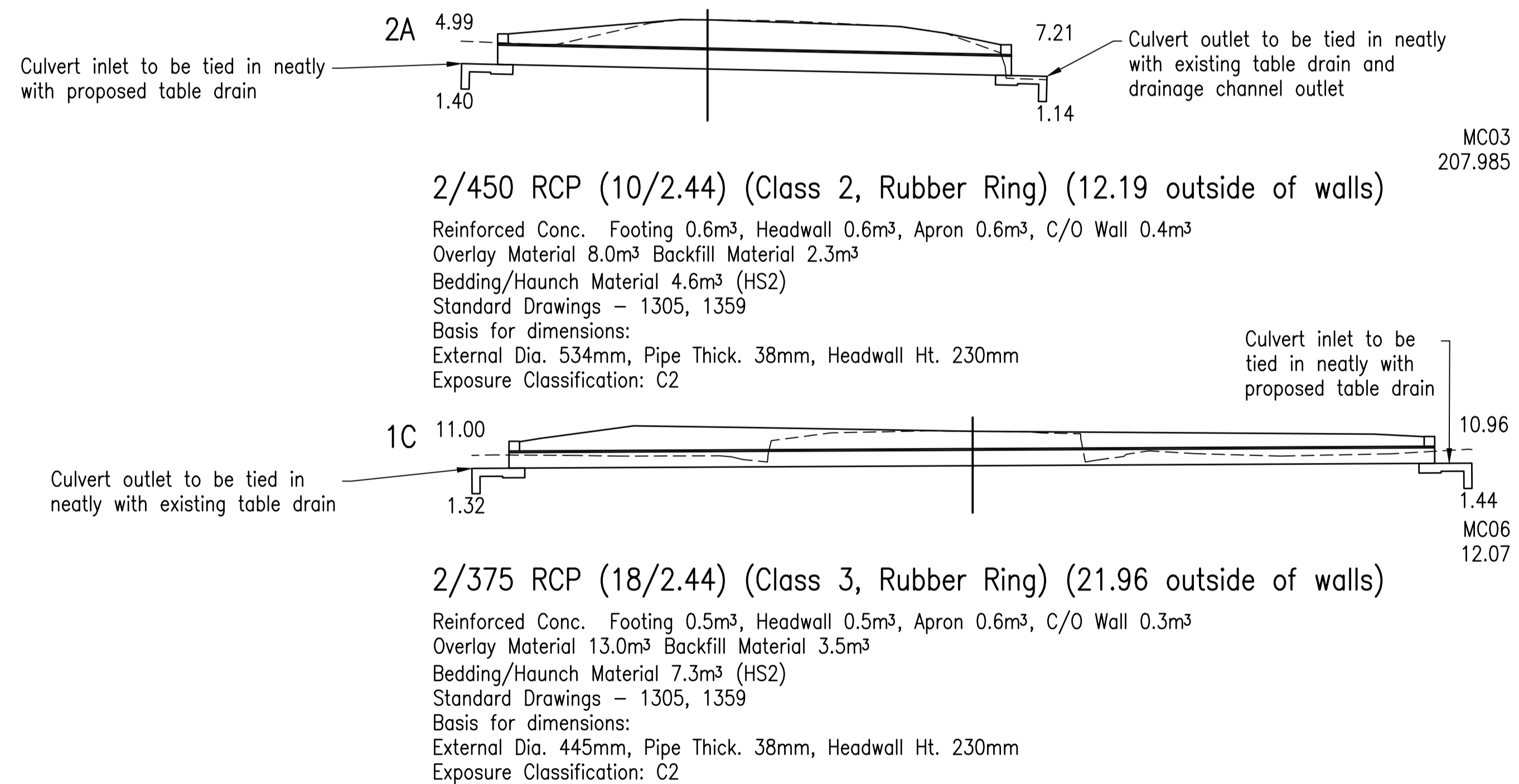
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DRAINAGE SCHEDULE

Culvert								Base Slab / Footing				Headwall		Apron		Cutoff Wall		Wingwall 1			Wingwall 2			Blinding	Excavation (m³)			Backfill			Filters				
Alignment	Chainage (m)	Skew No.	ID	Structure	Pipe Class	Exp Class	Installation Type	Concrete (m³)	Rebar (kg)	Fabric (m²)	Type	Concrete (m³)	Rebar (kg)	Concrete (m³)	Rebar (kg)	Concrete (m³)	Fabric (m²)	Type	Length (m)	Concrete (m³)	Rebar (kg)	Length (m)	Concrete (m³)	Rebar (kg)	Concrete (m³)	Culvert	Inlet / Outlet	Overlay (m³)	Fill (m³)	Foundation (m³)	Block Count	Strip Count			
MC01	151.455	45.0	1A	2/900 RCP (16/2.44)	2	C2	New	2.1	51.7	4.5	SL81	1.7	114.5	3.3	294.5	0.8			L 3.3 @ 15° R 3.3 @ 15°	2.1	202.0	L 1.5 @ 30° R 1.5 @ 30°	1.0	86.3	1.3	149.3		25.3	15.1	18.3		4			
MC05	15.91	90.0	1B	600 RCP (7/2.44)	6	C2	New	0.6	12.4	1.6	SL92	0.8	9.9	0.6	55.8	0.3									0.2	12.6		7.2	2.9	4.9					
MC06	12.07	90.0	1C	2/375 RCP (18/2.44)	3	C2	New	0.5	11.7	1.4	SL92	0.5	13.0	0.6	55.1	0.3									0.2	25.4		13.0	3.5	7.3					
MC03	207.985	90.0	2A	2/450 RCP (10/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.6	63.9	0.4									0.3	31.7		8.0	2.3	4.6					
MC03	241.135	90.0	2B	2/450 RCP (10/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.7	64.3	0.4									0.3	35.7		8.0	2.3	4.6					
MC03	307.969	90.0	2C	2/450 RCP (16/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.7	65.4	0.4									0.3	46.9		13.0	3.8	7.5					
MC02	125.749	128.7	3A	900 RCP (10/2.44)	3	C2	New	0.6	12.8	1.2	SL81	0.7	53.5	1.6	147.0	0.4			L 2.8 @ 15° R 2.8 @ 15°	1.7	124.5	L 1.5 @ 30° R 1.5 @ 30°	0.9	84.2	0.6	78.7		14.0	12.0	13.3		4			
Total Quantities								5.6	128.5			5.5	231.4	8.1	746.0	3.0					3.8	326.5				1.9	170.5	3.2	380.3		88.5	41.9	60.5		8
Total Fabric (Area / Type)								5.6 / SL81		7.8 / SL92																									

Drainage notes

1. Refer to GN-01 drainage notes.
2. TMR's Culvert7 software has been used to design and document the cross drainage culverts. The outputs shown on these drawings are standard outputs from this software which relate to TMR specifications and standard drawings. For this project, FNQROC specifications and standard drawings are to be adopted. Therefore, FNQROC specifications and standard drawings take precedence over any TMR specifications and standard drawings referenced within these standard outputs. In particular, the below FNQROC standard drawings and specifications shall be adopted:
 - 2.1. S1046 – Excavation, bedding and backfilling of concrete pipes
 - 2.2. S1075 – Concrete pipe headwall 375 mm to 675 mm
 - 2.3. S1085 – Concrete pipe headwall, wingwalls and apron.
 - 2.4. S1 – Earthworks
 - 2.5. S4 – Stormwater drainage
 - 2.6. S7 – Concrete works
3. Refer to GN-01 Drainage Notes and Unsuitable Subgrade Treatment Notes for further information.



B	100% Submission	PS	ES	18/12/2025	DURACK
A	70% Submission	PS	ES	28/10/2025	
Rev	Description	By	Appd	Date	
AMENDMENTS					

Scales NTS	Client: DURACK CIVIL Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE Drawing Title: DRAINAGE CROSS SECTIONS AND DETAILS - SHEET 2 / 3
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	DETAILED DESIGN Job Number 25019 Drawing Number 25019-HEG-C08-DD-02 Revision B
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DRAINAGE SCHEDULE

Culvert								Base Slab / Footing				Headwall		Apron		Cutoff Wall			Wingwall 1			Wingwall 2			Blinding	Excavation (m³)			Backfill			Filters			
Alignment	Chainage (m)	Skew No.	ID	Structure	Pipe Class	Exp Class	Installation Type	Concrete (m³)	Rebar (kg)	Fabric (m²)	Type	Concrete (m³)	Rebar (kg)	Concrete (m³)	Rebar (kg)	Concrete (m²)	Fabric (m²)	Type	Length (m)	Concrete (m²)	Rebar (kg)	Length (m)	Concrete (m²)	Rebar (kg)	Concrete (m³)	Culvert	Inlet / Outlet	Overlay (m²)	Fill (m³)	Foundation (m³)	Block Count	Strip Count			
MC01	151.455	45.0	1A	2/900 RCP (16/2.44)	2	C2	New	2.1	51.7	4.5	SL81	1.7	114.5	3.3	294.5	0.8			L 3.3 @ 15° R 3.3 @ 15°	2.1	202.0	L 1.5 @ 30° R 1.5 @ 30°	1.0	86.3	1.3	149.3		25.3	15.1	18.3		4			
MC05	15.91	90.0	1B	600 RCP (7/2.44)	6	C2	New	0.6	12.4	1.6	SL92	0.8	9.9	0.6	55.8	0.3									0.2	12.6		7.2	2.9	4.9					
MC06	12.07	90.0	1C	2/375 RCP (18/2.44)	3	C2	New	0.5	11.7	1.4	SL92	0.5	13.0	0.6	55.1	0.3									0.2	25.4		13.0	3.5	7.3					
MC03	207.985	90.0	2A	2/450 RCP (10/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.6	63.9	0.4									0.3	31.7		8.0	2.3	4.6					
MC03	241.135	90.0	2B	2/450 RCP (10/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.7	64.3	0.4									0.3	35.7		8.0	2.3	4.6					
MC03	307.969	90.0	2C	2/450 RCP (16/2.44)	2	C2	New	0.6	13.3	1.6	SL92	0.6	13.5	0.7	65.4	0.4									0.3	46.9		13.0	3.8	7.5					
MC02	125.749	128.7	3A	900 RCP (10/2.44)	3	C2	New	0.6	12.8	1.2	SL81	0.7	53.5	1.6	147.0	0.4			L 2.8 @ 15° R 2.8 @ 15°	1.7	124.5	L 1.5 @ 30° R 1.5 @ 30°	0.9	84.2	0.6	78.7		14.0	12.0	13.3		4			
Total Quantities								5.6	128.5			5.5	231.4	8.1	746.0	3.0						3.8	326.5			1.9	170.5	3.2	380.3		88.5	41.9	60.5		8
Total Fabric (Area / Type)								5.6 / SL81		7.8 / SL92																									

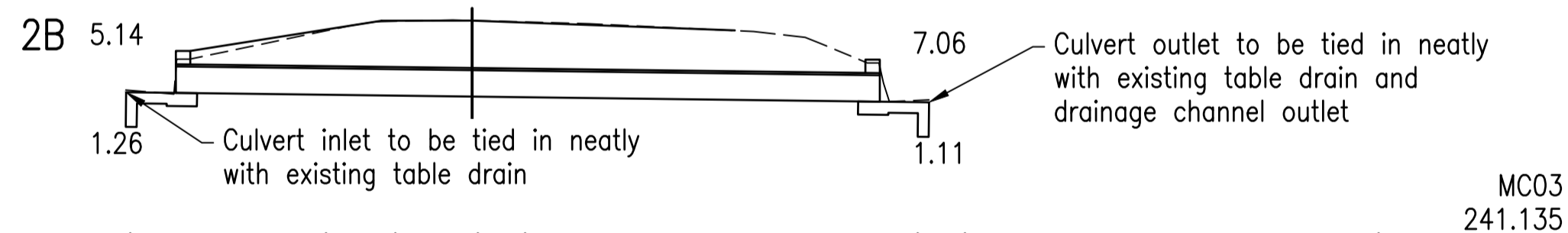
Drainage notes

1. Refer to GN-01 drainage notes.
2. TMR's Culvert7 software has been used to design and document the cross drainage culverts. The outputs shown on these drawings are standard outputs from this software which relate to TMR specifications and standard drawings. For this project, FNQROC specifications and standard drawings are to be adopted. Therefore, FNQROC specifications and standard drawings take precedence over any TMR specifications and standard drawings referenced within these standard outputs. In particular, the below FNQROC standard drawings and specifications shall be adopted:
 - 2.1. S1046 - Excavation, bedding and backfilling of concrete pipes
 - 2.2. S1075 - Concrete pipe headwall 375 mm to 675 mm
 - 2.3. S1085 - Concrete pipe headwall, wingwalls and apron.
 - 2.4. S1 - Earthworks
 - 2.5. S4 - Stormwater drainage
 - 2.6. S7 - Concrete works
3. Refer to GN-01 Drainage Notes and Unsuitable Subgrade Treatment Notes for further information.



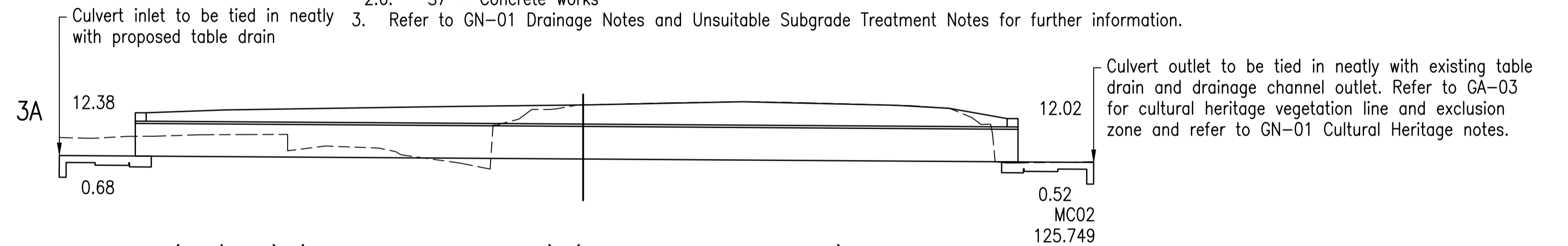
2/450 RCP (16/2.44) (Class 2, Rubber Ring) (19.51 outside of walls)

Reinforced Conc. Footing 0.6m³, Headwall 0.6m³, Apron 0.7m³, C/O Wall 0.4m³
 Overlay Material 13.0m³ Backfill Material 3.8m³
 Bedding/Haunch Material 7.5m³ (HS2)
 Standard Drawings - 1305, 1359
 Basis for dimensions:
 External Dia. 534mm, Pipe Thick. 38mm, Headwall Ht. 230mm
 Exposure Classification: C2



2/450 RCP (10/2.44) (Class 2, Rubber Ring) (12.19 outside of walls)

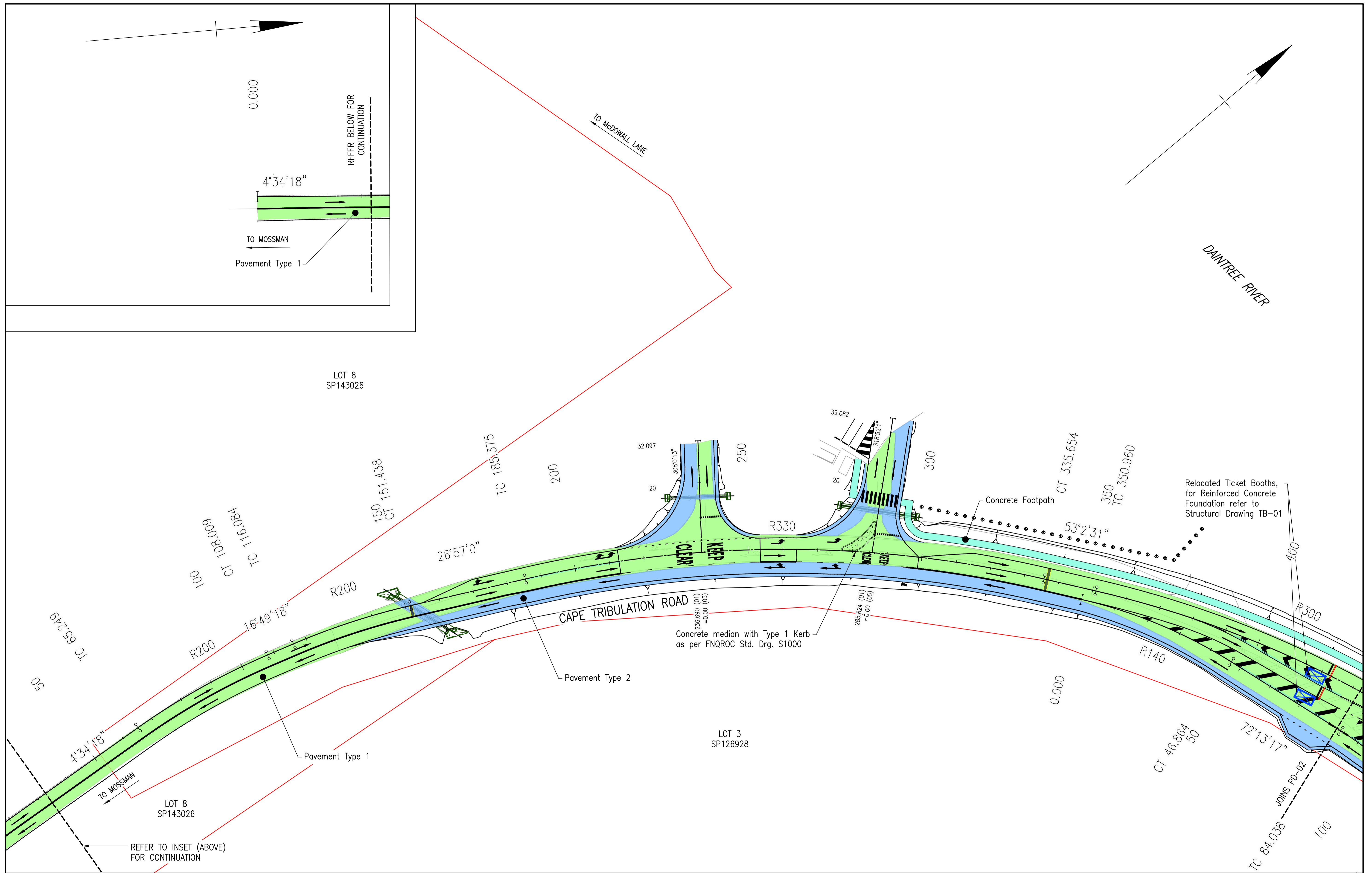
Reinforced Conc. Footing 0.6m³, Headwall 0.6m³, Apron 0.7m³, C/O Wall 0.4m³
 Overlay Material 8.0m³ Backfill Material 2.3m³
 Bedding/Haunch Material 4.6m³ (HS2)
 Standard Drawings - 1305, 1359
 Basis for dimensions:
 External Dia. 534mm, Pipe Thick. 38mm, Headwall Ht. 230mm
 Exposure Classification: C2



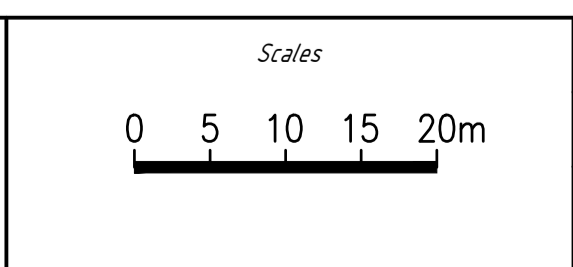
900 RCP (10/2.44) (Class 3, Rubber Ring) (24.39 outside of walls)

Skew Angle 39° Skew Number 128.7 (24.40 overall length)
 Wingwalls (Left W1 2.8, α 15°, W2 1.5, β 30°) (Right W1 2.8, α 15°, W2 1.5, β 30°)
 Reinforced Conc. Footing 0.6m³, Apron 1.6m³, C/O Wall 0.4m³, Headwall 0.7m³, Wingwalls 2.7m³
 Overlay Material 14.0m³ Backfill Material 12.0m³
 Bedding/Haunch Material 13.3m³ (HS2)
 Standard Drawings - 1304, 1359
 Basis for dimensions:
 External Dia. 1029mm, Pipe Thick. 64mm, Headwall Ht. 230mm
 Exposure Classification: C2

DURACK				Scales NTS	Client: DURACK CIVIL Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE Drawing Title: DRAINAGE CROSS SECTIONS AND DETAILS - SHEET 3 / 3	HANSEN ENGINEERING GROUP www.hanseneng.com.au	Design: ES Drawn: PS Date: 18/12/2025 Checked: NH Approved: ES RPEQ No.		DETAILED DESIGN Job Number: 25019 Drawing Number: 25019-HEG-C08-DD-03 Revision: A
AMENDMENTS									



Rev	Description	By	Appd	Date
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A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				

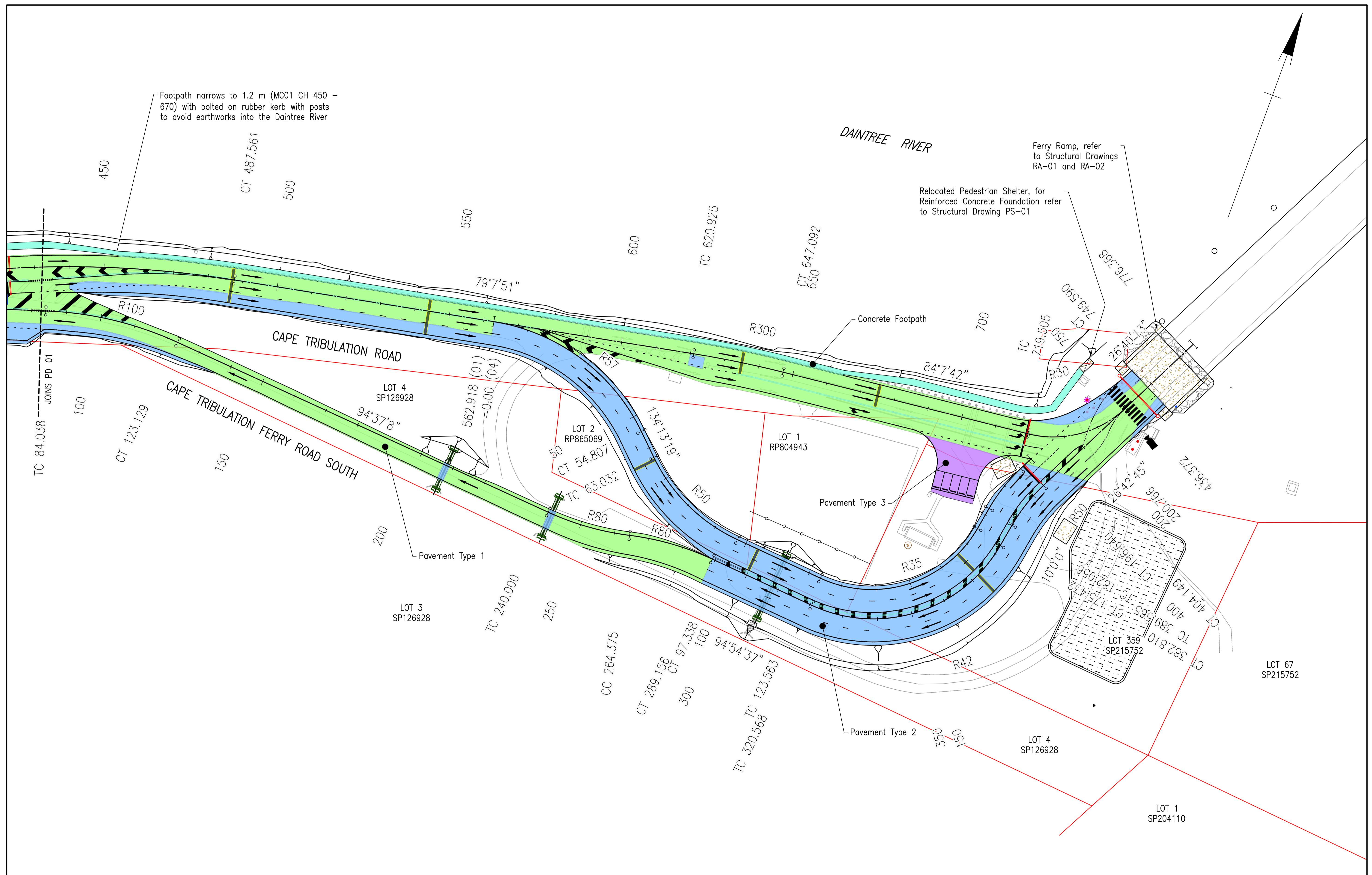


Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 1 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C07-PD-01
Revision	B



Footpath narrows to 1.2 m (MC01 CH 450 - 670) with bolted on rubber kerb with posts to avoid earthworks into the Daintree River

Ferry Ramp, refer to Structural Drawings RA-01 and RA-02

Relocated Pedestrian Shelter, for Reinforced Concrete Foundation refer to Structural Drawing PS-01

Concrete Footpath

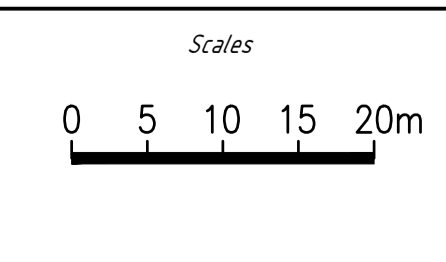
Pavement Type 3

Pavement Type 1

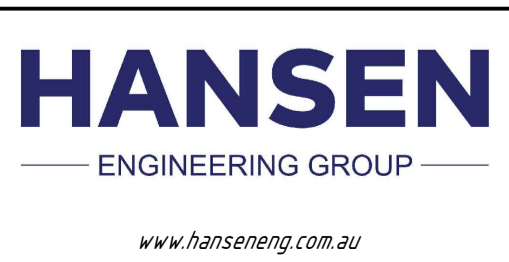
Pavement Type 2

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A	70% Submission	PS	ES	28/10/2025

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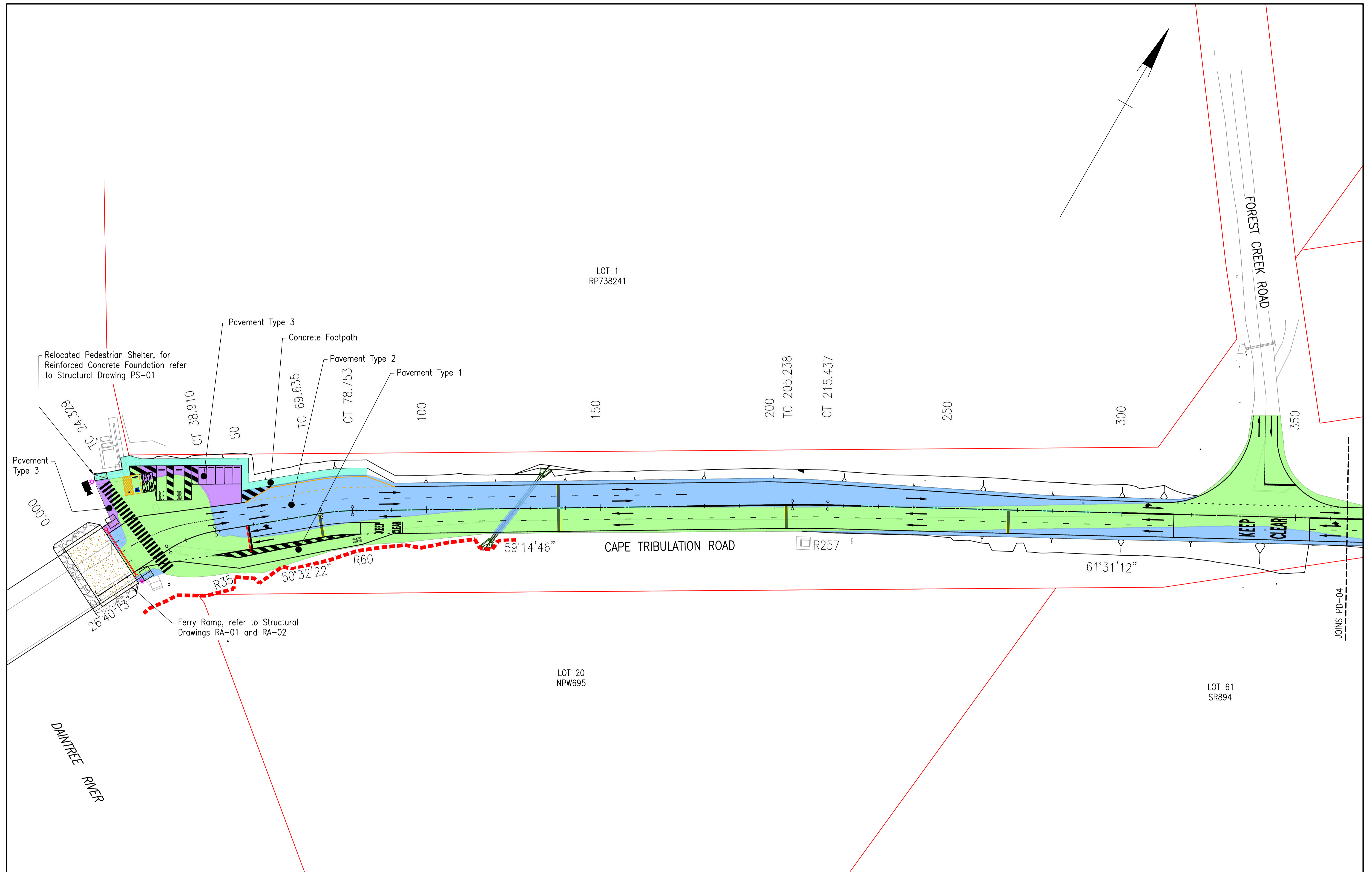
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Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 2 / 4



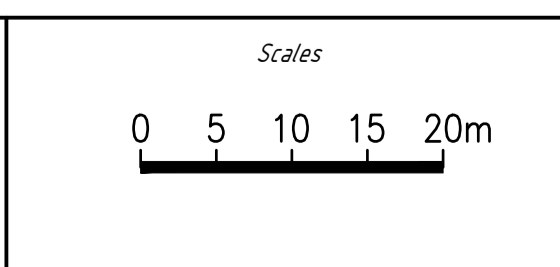
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Approved	ES
RPEO No.	

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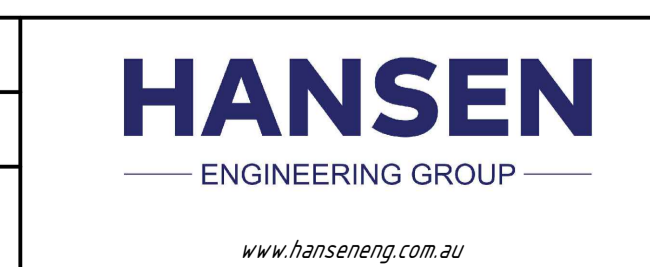
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Revision	B



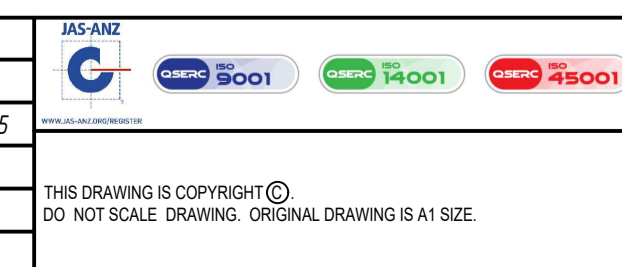
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AMENDMENTS				



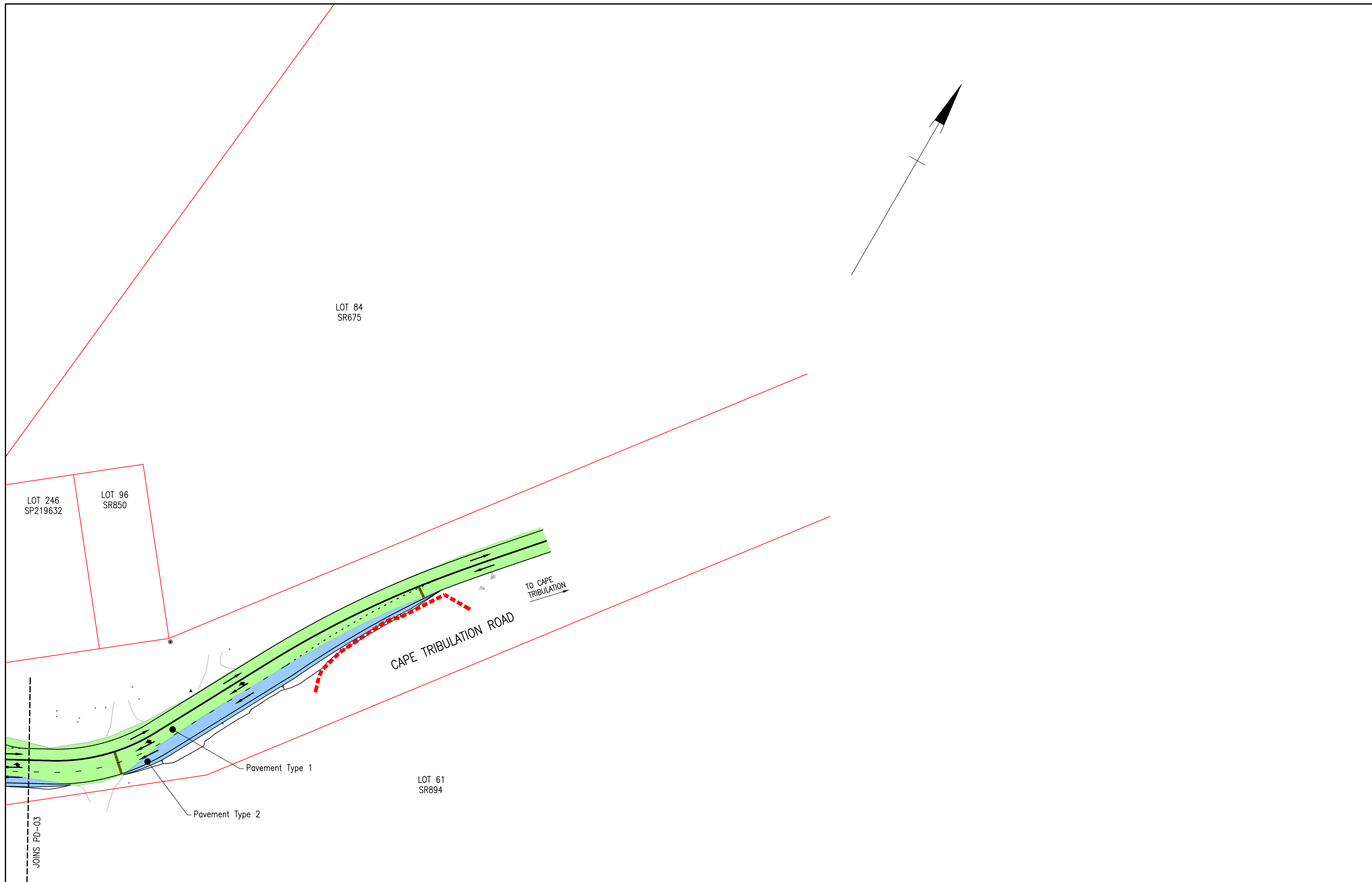
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Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 3 / 4



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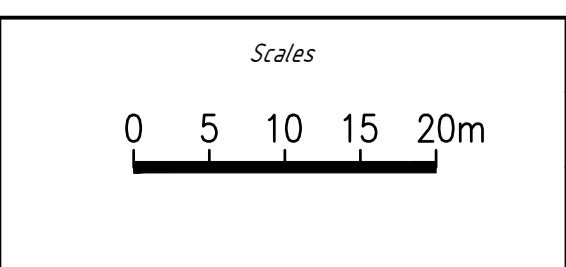


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Revision	B



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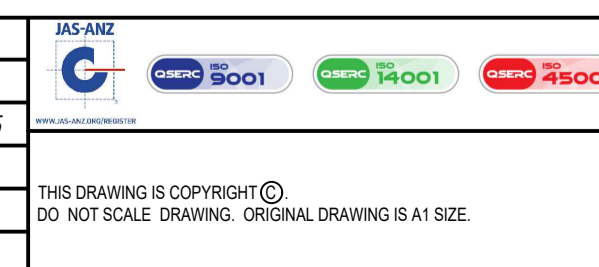
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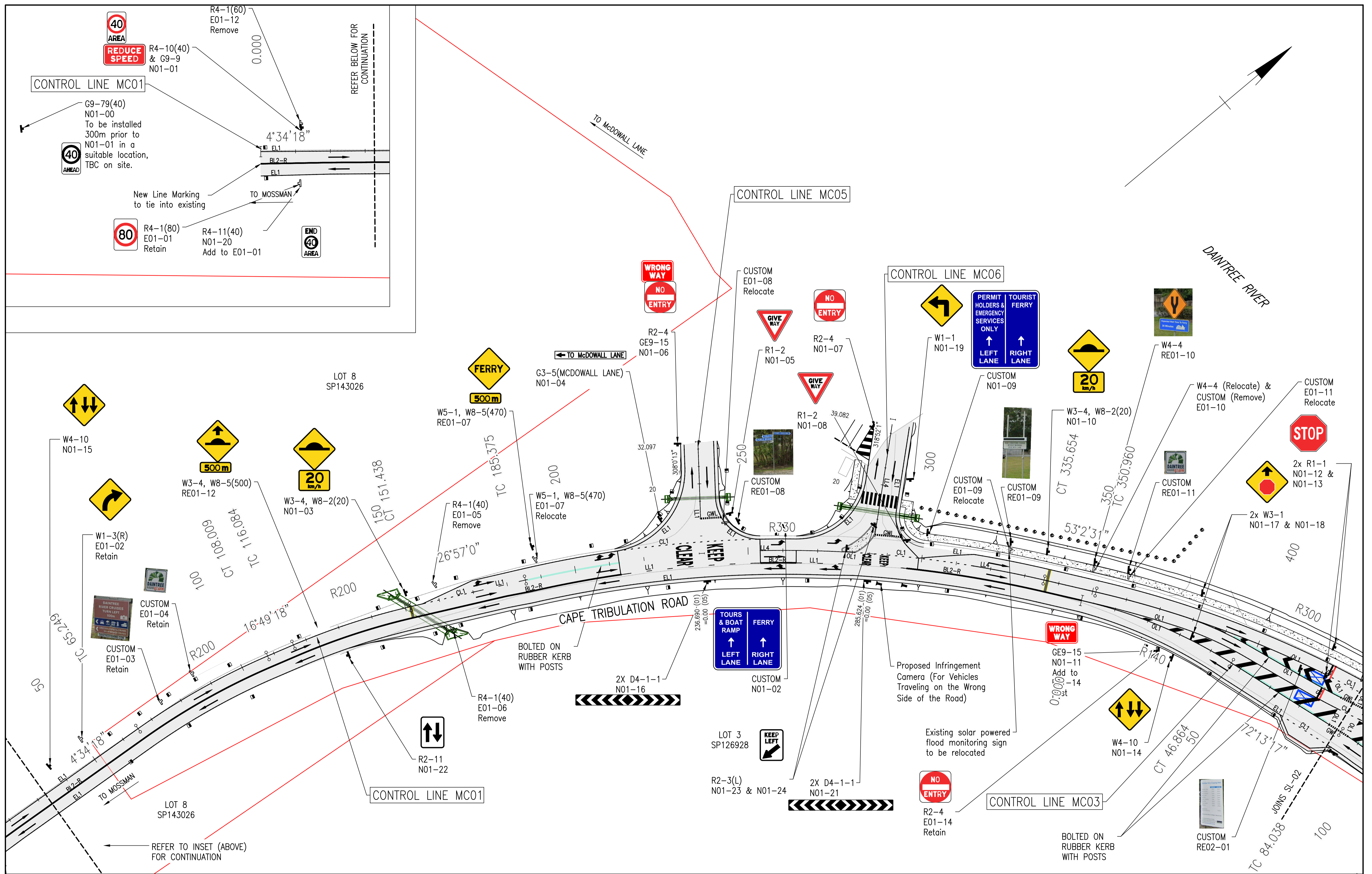
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Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 4 / 4



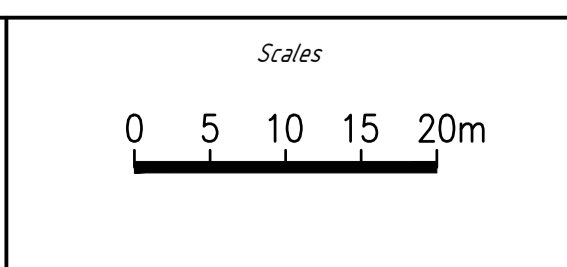
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Date	18/12/2025
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Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C07-PD-04
Revision	B



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A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				

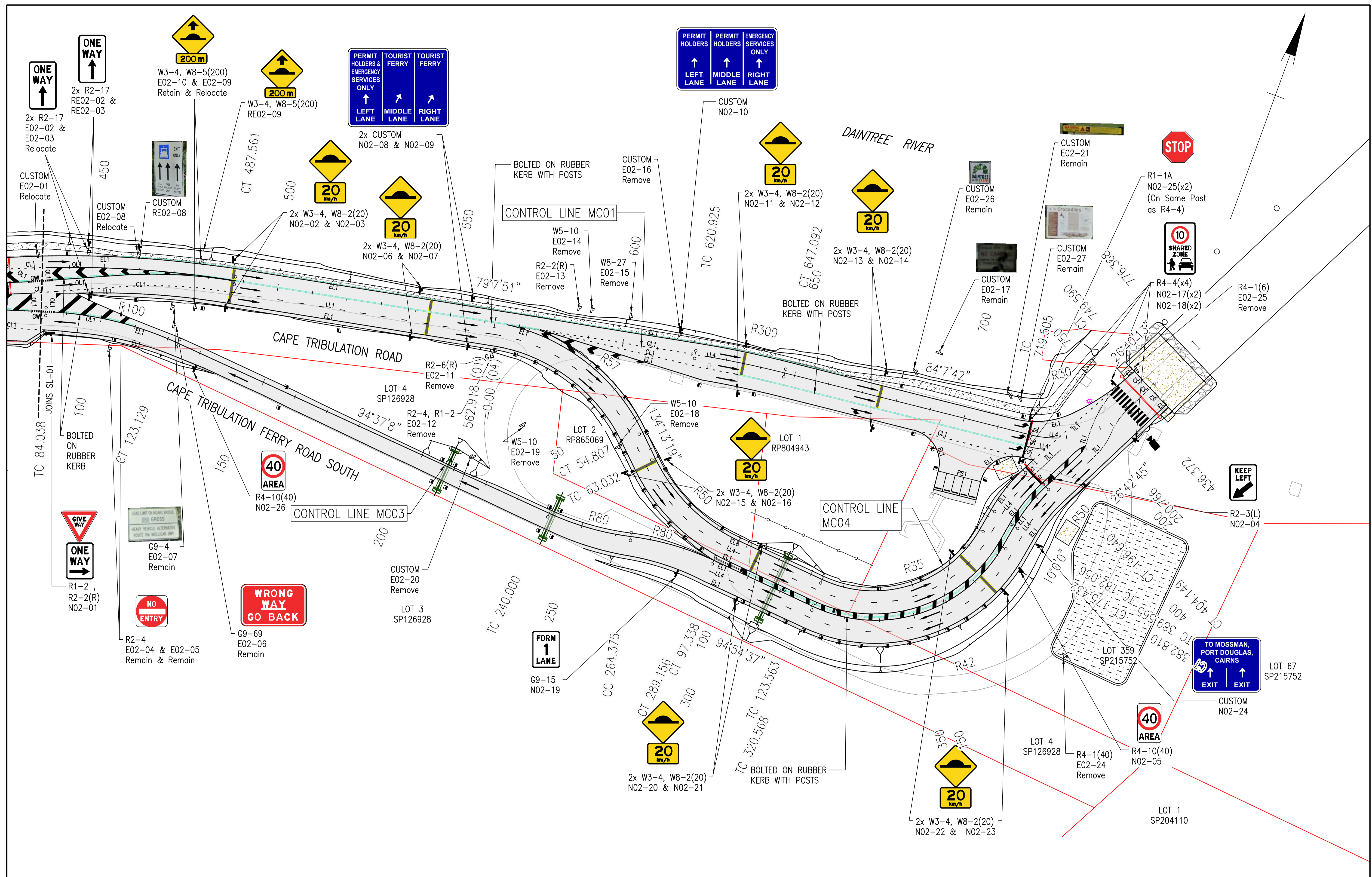


Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	SIGNS AND LINEMARKING LAYOUT - SHEET 1 / 4

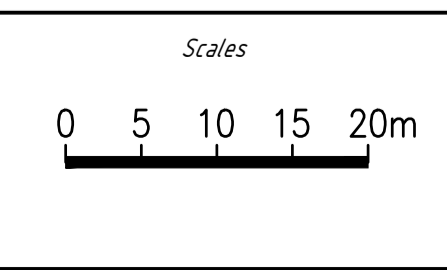


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Job Number:	25019
Drawing Number:	25019-HEG-C08-SL-01
Revision:	B



Rev	Description	By	Appd	Date
B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				



Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: SIGNS AND LINEMARKING LAYOUT - SHEET 2 / 4

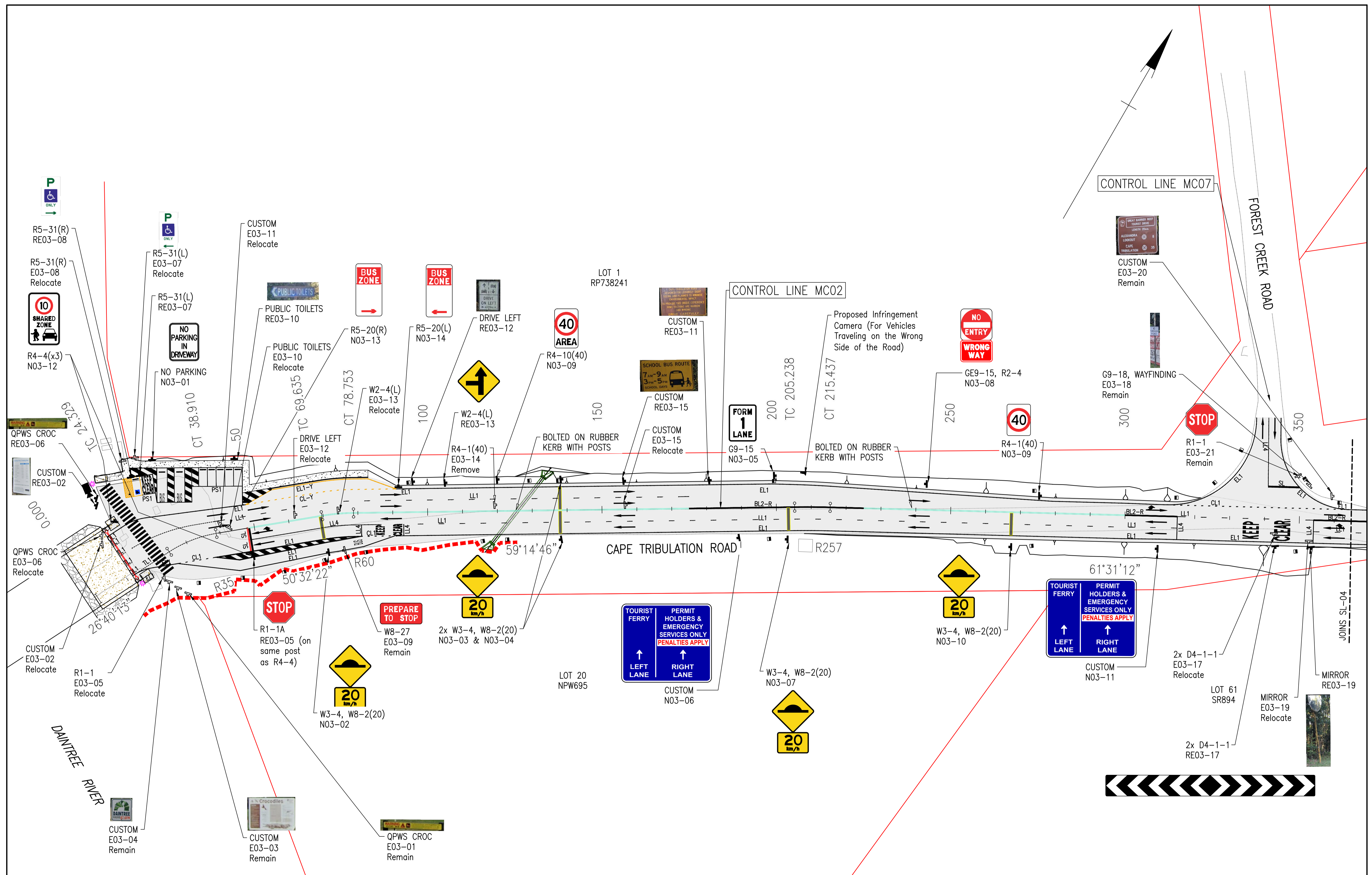


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Date	18/12/2025
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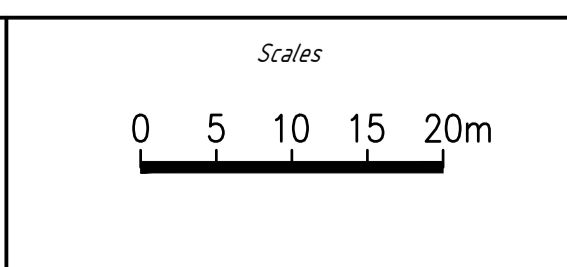
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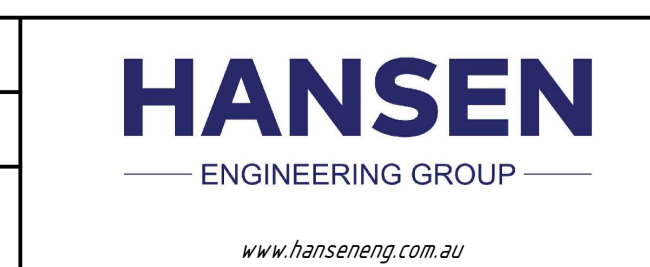
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Rev	Description	By	Appd	Date
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A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				



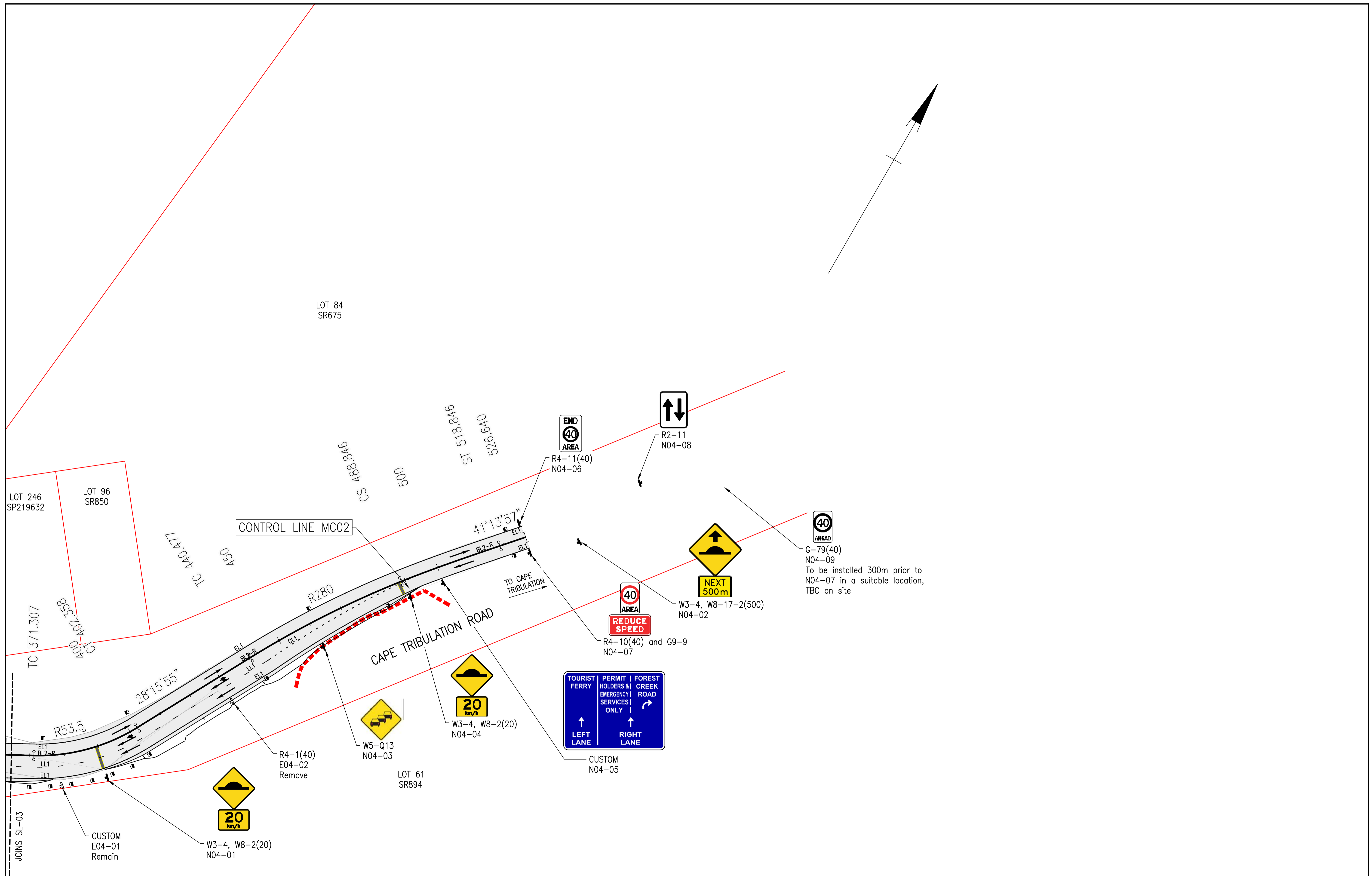
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 Drawing Title: SIGNS AND LINEMARKING LAYOUT - SHEET 3 / 4



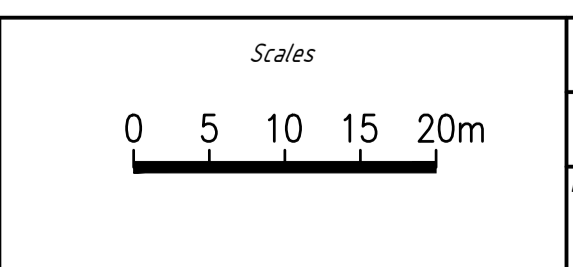
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Drawing Number	25019-HEG-C08-SL-03
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A	70% Submission	PS	ES	28/10/2025



Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: SIGNS AND LINEMARKING LAYOUT - SHEET 4 / 4



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Drawn	PS
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DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C08-SL-04
Revision	B

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SIGNAGE LEGEND

CODE	#Posts	SIGN ID	DESCRIPTION	EXISTING LOCATION			PROPOSED LOCATION			SIGN DETAILS		POST DETAILS		MOUNTING		FOOTING		ADDITIONAL DETAILS
				CONTROL LINE	CHAINAGE	STATUS	LHS/RHS	CONTROL LINE	CHAINAGE	SIGN SIZE	#POSTS	POST SIZE	LENGTH (m)	HEIGHT (m)	D (m)	L (m)		
E01-01	1	R4-1(80)	POSTED SPEED 80KM/H	MC01	10	RETAIN												
E01-02	1	W1-3(R)	RIGHT CURVE	MC01	50	RETAIN												
E01-03	2	CUSTOM	CUSTOM G11-9; FERRY SIGN, GUIDE SIGNS	MC01	70	RETAIN												
E01-04	1	CUSTOM	CUSTOM DAINTREE RADIO	MC01	87	RETAIN												
E01-05	1	R4-1(40)	POSTED SPEED 40KM/H	MC01	160	REMOVE												
E01-06	1	R4-1(40)	POSTED SPEED 40KM/H	MC01	160	REMOVE												
E01-07	1	W5-1, W8-5(470)	FERRY AND DISTANCE TO SIGN	MC01	190	RELOCATE												Salvage and relocate to RE01-07
E01-08	2	CUSTOM	WAY FINDING	MC05	10	RELOCATE												Salvage and relocate to RE01-08
E01-09	2	CUSTOM	CUSTOM FLOOD SIGN	MC01	325	RELOCATE												Salvage and relocate to RE01-09
E01-10	1	W4-4, CUSTOM	FORK IN ROAD AND CUSTOM FERRY	MC01	350	RELOCATE												Salvage and relocate W4-4 to RE01-10 remove custom sign
E01-11	1	CUSTOM	CUSTOM DAINTREE RADIO	MC01	360	RELOCATE												Salvage and relocate to RE01-11
E01-12	1	R4-1(40)	POSTED SPEED 60KM/H	MC01	10	REMOVE												
E01-14	1	R2-4	NO ENTRY	MC03	25	RETAIN												
E02-01	2	CUSTOM	FERRY PRICE SIGN	MC01	430	RELOCATE												Salvage and relocate to RE02-01
E02-02	1	R2-17	ONE WAY SIGN	MC01	445	RELOCATE												Salvage and relocate to RE02-02
E02-03	1	R2-17	ONE WAY SIGN	MC01	445	RELOCATE												Salvage and relocate to RE02-03
E02-04	1	R2-4	NO ENTRY	MC03	105	REMAIN												
E02-05	1	R2-4	NO ENTRY	MC03	105	REMAIN												
E02-06	1	G9-69	WRONG WAY GO BACK	MC03	120	REMAIN												
E02-07	2	G9-4	BRIDGE LOAD RATING	MC01	470	REMAIN												
E02-08	2	Custom	CUSTOM FERRY LANES	MC01	460	RELOCATE												Salvage and relocate to RE02-08
E02-09	1	W3-4, W8-5(200)	SPEED BUMP AHEAD AND 200M DISTANCE SIGN	MC01	477	RELOCATE												Salvage and relocate to RE02-09
E02-10	1	W3-4, W8-5(200)	SPEED BUMP AHEAD AND 200M DISTANCE SIGN	MC01	477	REMOVE												
E02-11	1	R2-6(R)	NO RIGHT TURN	MC04	0	REMOVE												
E02-12	1	R2-4, R1-2	NO ENTRY, GIVE WAY	MC04	1	REMOVE												
E02-13	1	R2-2(R)	ONE WAY	MC01	585	REMOVE												
E02-14	1	W5-10	SPEED BUMP	MC01	590	REMOVE												
E02-15	1	W8-27	PREPARE TO STOP	MC01	600	REMOVE												
E02-16	1	CUSTOM	PURCHASE TICKETS HERE	MC01	615	REMOVE												
E02-17	2	CUSTOM	CUSTOM NO CAMPING	MC01	690	REMAIN												
E02-18	1	W5-10	SPEED BUMP	MC04	55	REMOVE												
E02-19	1	GE9-15	WRONG WAY	DIRT ROAD	-	REMOVE												
E02-20	1	CUSTOM	CUSTOM RETURN TO FERRY	DIRT ROAD	-	REMOVE												
E02-21	1	CUSTOM	QUEENSLAND PARK AND WILDLIFE SERVICES CROCODILE SIGN	MC01	710	REMAIN												
E02-24	1	R4-1(40)	POSTED SPEED LIMIT 40KM/H	MC03	375	REMOVE												
E02-25	1	R4-1(6)	POSTED SPEED LIMIT 6KM/H	MC04	175	REMOVE												
E02-26	1	CUSTOM	CUSTOM DAINTREE RADIO	MC01	690	RETAIN												
E02-27	1	CUSTOM	CUSTOM CROCODILE INFO	MC01	715	RETAIN												
E03-01	2	QPWS CROC	QUEENSLAND PARK AND WILDLIFE SERVICES CROCODILE SIGN	MC02	25	REMAIN												
E03-02	2	CUSTOM	CUSTOM FERRY PRICES	MC02	10	REMAIN												
E03-03	2	CUSTOM	CUSTOM CROCODILE INFO	MC02	20	REMAIN												
E03-04	1	CUSTOM	CUSTOM DAINTREE RADIO	MC02	19	REMAIN												
E03-05	1	R1-1	STOP SIGN	MC02	18	REMAIN												
E03-06	2	QPWS CROC	QUEENSLAND PARK AND WILDLIFE SERVICES CROCODILE SIGN	MC02	11	REMAIN												
E03-07	1	R5-31(L)	DISABLED PARKING TO LEFT SIGN	MC02	25	RELOCATE												Salvage and relocate to RE03-07
E03-08	1	R5-31(R)	DISABLED PARKING TO RIGHT SIGN	MC02	27	RELOCATE												Salvage and relocate to RE03-08
E03-09	1	W8-27	PREPARE TO STOP	MC02	75	REMAIN												
E03-10	1	PUBLIC TOILETS	PUBLIC TOILETS SIGN	MC02	45	RELOCATE												Salvage and relocate to RE03-10
E03-11	1	CUSTOM	CUSTOM CAPE TRIBULATION INFORMATION	MC02	40	RELOCATE												Salvage and relocate to RE03-11
E03-12	1	DRIVE LEFT	DRIVE LEFT IN AUSTRALIA	MC02	62	RELOCATE												Salvage and relocate to RE03-12
E03-13	2	W2-4(L)	T INTERSECTION TO THE LEFT	MC02	75	RELOCATE												Salvage and relocate to RE03-13
E03-14	1	R4-1(40)	POSTED SPEED LIMIT 40KM/H	MC02	120	RELOCATE												Salvage and relocate to RE03-14
E03-15	1	CUSTOM	CUSTOM SCHOOL BUS SIGN	MC02	155	RELOCATE												Salvage and relocate to RE03-15
E03-16	1	W8-27	PREPARE TO STOP	MC02	160	REMAIN												
E03-17	2	D4-1-1	2XD4-1-1 BIDIRECTIONAL HAZARD	MC02	345	RELOCATE												Salvage and relocate to RE03-17
E03-18	2	G9-18, WAYFINDING	NO THROUGH ROAD AND WAYFINDING SIGN	MC02	350	REMAIN												
E03-19	1	TRAFFIC MIRROR	TRAFFIC MIRROR	MC02	350	RELOCATE												Salvage and relocate to RE03-19
E03-20	2	CUSTOM	CUSTOM ROUTE SIGN	MC02	355	REMAIN												
E03-21	1	R1-1	STOP SIGN	MC07	15	REMAIN												
E04-01	1	CUSTOM	CUSTOM PRIVATE PROPERTY	MC02	380	REMAIN												
N01-00	1	G9-79-40	POSTED SPEED 40KM/H AHEAD			NEW	LHS	MC01	TBC	A	1	60.3 OD	3.3	2	0.3	0.75		Place prior to the start of the project - locations to TBC
N01-01	1	R4-10(40), G9-9	40KM/H AREA, REDUCE SPEED			NEW	LHS	MC01	10	A	1	60.3 OD	4.375	2	0.3	0.75		
N01-02	2	CUSTOM	CUSTOM FERRY SIGN			NEW	LHS	MC01	260	A	2	88.9 OD	4.9	2	0.3	1.10		
N01-03	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	150	A	1	60.3 OD	3.8	2	0.3	0.75		

B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
Rev	Description	By	Appd	Date
	AMENDMENTS			



Scales

Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: SIGNAGE SCHEDULE - SHEET 1 / 3



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEO No.	

DETAILED DESIGN

Job Number: 25019

Drawing Number: 25019-HEG-C08-SL-05

Revision: B

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SIGNAGE LEGEND

CODE	#Posts	SIGN ID	DESCRIPTION	EXISTING LOCATION			PROPOSED LOCATION			SIGN DETAILS		POST DETAILS		MOUNTING		FOOTING		ADDITIONAL DETAILS
				CONTROL LINE	CHAINAGE	STATUS	LHS/RHS	CONTROL LINE	CHAINAGE	SIGN SIZE	#POSTS	POST SIZE	LENGTH (m)	HEIGHT (m)	D (m)	L (m)		
N01-04	1	G3-5(MCDOWALL LANE)	STREET NAME			NEW	LHS	MC01	225	A	1	60.3 OD	3.3	2	0.3	0.75		
N01-05	1	R1-2	GIVE WAY			NEW	RHS	MC05	12	A	1	60.3 OD	3.3	2	0.3	0.75		
N01-06	1	R2-4, GE9-15	NO ENTRY, WRONG WAY			NEW	RHS	MC05	35	A	1	60.3 OD	3.3	2	0.3	0.75		
N01-07	1	R2-4	NO ENTRY			NEW	LHS	MC06	40	A	1	60.3 OD	3	2	0.3	0.75		
N01-08	1	R1-2	GIVE WAY			NEW	RHS	MC06	5	A	1	60.3 OD	3	2	0.3	0.75		
N01-09	2	CUSTOM	CUSTOM FERRY SIGN			NEW	LHS	MC01	300	A	2	88.9 OD	4.9	2	0.3	1.10		
N01-10	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	335	A	1	60.3 OD	4.7	2	0.3	0.75		
N01-11	0	GE9-15	WRONG WAY			NEW	RHS	MC03	25	A							ADD TO E01-14 POST	
N01-12	1	R1-1	STOP			NEW	RHS	MC01	420	A	1	60.3 OD	3.5	2	0.3	0.75		
N01-13	1	R1-1	STOP			NEW	LHS	MC01	420	A	1	60.3 OD	3.5	2	0.3	0.75		
N01-14	1	W4-10	TWO LANES OPPOSING			NEW	RHS	MC03	30	B	1	60.3 OD	3.5	2	0.3	0.75		
N01-15	1	W4-10	TWO LANES OPPOSING			NEW	LHS	MC01	40	A	1	60.3 OD	3.5	2	0.3	0.75		
N01-16	3	2X D4-1-1	BIDIRECTIONAL HAZARD MARKER			NEW	RHS	MC01	190	A	3	60.3 OD	3.33	1.2	0.3	0.75		
N01-17	1	W3-1	STOP SIGN AHEAD			NEW	LHS	MC01	380	A	1	60.3 OD	4.5	2	0.3	0.75		
N01-18	1	W3-1	STOP SIGN AHEAD			NEW	LHS	MC03	33	A	1	60.3 OD	4.5	2	0.3	0.75		
N01-19	1	W1-1(L)	SHARP TURN LEFT			NEW	RHS	MC06	25	A	1	60.3 OD	3.5	2	0.3	0.75		
N01-20	1	R4-11(40)	END 40 AREA			NEW	LHS	MC01	10	A							ADD TO E01-01 POST	
N01-21	3	2X D4-1-1	BIDIRECTIONAL HAZARD MARKER			NEW	RHS	MC01	285	A	3	60.3 OD	3.33	1.2	0.3	0.75		
N01-22	1	R2-11	BIDIRECTIONAL TRAFFIC			NEW	RHS	MC01	130	A	1	60.3 OD	3.775	2	0.3	0.75		
N01-23	1	R2-3(L)	KEEP LEFT			NEW	LHS	MC01	277	A	1	60.3 OD	3.33	1.2	0.3	0.75		
N01-24	1	R2-3(L)	KEEP LEFT			NEW	LHS	MC01	285	A	1	60.3 OD	3.33	1.2	0.3	0.75		
N02-01	1	R1-2, R2-2	ONE WAY, GIVE WAY			NEW	RHS	MC03	85	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-02	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC01	487	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-03	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	487	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-04	1	R2-3 (L)	KEEP LEFT			NEW	RHS	MC03	420	A	1	60.3 OD	2.4	1.2	0.3	0.75		
N02-05	1	R4-1(40)	40KM/H			NEW	RHS	MC03	380	A	1	60.3 OD	3.3	2	0.3	0.75		
N02-06	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC01	540	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-07	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	540	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-08	2	CUSTOM	CUSTOM FERRY LANE SIGN			NEW	RHS	MC01	555	A	3	88.9 OD	4.65	2	0.3	1.10		
N02-09	2	CUSTOM	CUSTOM FERRY LANE SIGN			NEW	LHS	MC01	555	A	3	88.9 OD	4.65	2	0.3	1.10		
N02-10	2	CUSTOM	CUSTOM LANE SIGN			NEW	LHS	MC01	615	A	2	76.1 OD	4.5	2	0.3	1		
N02-11	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC01	635	A	1	60.3 OD	4.1	2	0.3	0.75		
N02-12	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	635	A	1	60.3 OD	4.1	2	0.3	0.75		
N02-13	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC01	675	A	1	60.3 OD	4.1	2	0.3	0.75		
N02-14	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC01	675	A	1	60.3 OD	4.1	2	0.3	0.75		
N02-15	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC04	65	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-16	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC04	65	A	1	60.3 OD	4.5	2	0.3	0.75		
N02-17	1	R4-4	SHARED ZONE 10KM/H			NEW	RHS	MC01	755	A	1	60.3 OD	2.5	2	0.3	0.75		
N02-18	1	R4-4	SHARED ZONE 10KM/H			NEW	LHS	MC03	430	A	1	60.3 OD	3.775	2	0.3	0.75		
N02-19	1	G9-15	FORM 1 LANE			NEW	RHS	MC03	260	A	1	60.3 OD	4.3	2	0.3	0.75		
N02-20	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC04	103	A	1	60.3 OD	4.3	2	0.3	0.75		
N02-21	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC04	103	A	1	60.3 OD	4.3	2	0.3	0.75		
N02-22	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC04	165	A	1	60.3 OD	4.3	2	0.3	0.75		
N02-23	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC03	375	A	1	60.3 OD	4.3	2	0.3	0.75		
N02-24	2	CUSTOM	CUSTOM LANE SIGN			NEW	RHS	MC03	390	A	2	76.1 OD	4.6	2	0.3	1		
N03-01	1	NO PARKING	NO PARKING IN DRIVEWAY			NEW	LHS	MC02	30	A	1	60.3 OD	3.775	2	0.3	0.75		
N03-02	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC02	70	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-03	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC02	147	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-04	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	LHS	MC02	147	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-05	1	G9-15	FORM ONE LANE			NEW	LHS	MC02	200	A	1	60.3 OD	3.775	2	0.3	0.75		
N03-06	2	CUSTOM	CUSTOM LANE SIGN			NEW	RHS	MC02	190	A	2	76.1 OD	4.5	2	0.3	1		
N03-07	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC02	205	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-08	1	GW9-15, R2-4	NO ENTRY AND WRONG WAY			NEW	LHS	MC02	245	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-09	1	R4-1(40)	POSTED SPEED LIMIT 40KM/H			NEW	LHS	MC02	275	A	1	60.3 OD	3.775	2	0.3	0.75		
N03-10	1	W3-4, W8-2(20)	SPEED BUMP AND 20 KM/H			NEW	RHS	MC02	267	A	1	60.3 OD	4.375	2	0.3	0.75		
N03-11	2	CUSTOM	CUSTOM LANE SIGN			NEW	RHS	MC02	310	A	2	76.1 OD	4.5	2	0.3	1		
N03-12	1	R4-4	SHARED ZONE 10KM/H			NEW	LHS	MC02	13	A	1	60.3 OD	3.775	2	0.3	0.75		
N03-13	1	R5-20(R)	BUS ZONE TO RIGHT			NEW	LHS	MC02	50	A	1	60.3 OD	3.775	2	0.3	0.75		
N03-14	1	R5-20(L)	BUS ZONE TO LEFT			NEW	LHS	MC02	90	A	1	60.3 OD	3.775	2	0.3	0.75		
N04-01	1	W3-4, W8-2(20)	SPEED BUMP AND 20KM/H			NEW	RHS	MC02	390	A	1	60.3 OD	4.375	2	0.3	0.75		
N04-02	1	W3-4, W8-17-2(500)	SPEED BUMP AHEAD AND NEXT 500M			NEW	RHS	MC02	540	A	1	60.3 OD	4.375	2	0.3	0.75		
N04-03	1	W5-Q13	QUEUING SIGN			NEW	RHS	MC02	460	A	1	60.3 OD	3.775	2	0.3	0.75		
N04-04	1	W3-4, W8-2(20)	SPEED BUMP AND 20KM/H			NEW	RHS	MC02	490	A	1	60.3 OD	4.375	2	0.3	0.75		
N04-05	2	CUSTOM	CUSTOM LANE SIGN			NEW	RHS	MC02	500	A	2	76.1 OD	4.5	2	0.3	1		
RE01-07	1	W5-1, W8-5(470)	FERRY AND DISTANCE TO SIGN			RELOCATED	LHS	MC01	190		1	60.3 OD	4.375	2	0.3	0.75		
RE01-08	2	CUSTOM	WAY FINDING			RELOCATED	RHS	MC05	10		1	60.3 OD	3.775	2	0.3	0.75		

B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



Scales

Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: SIGNAGE SCHEDULE - SHEET 2 / 3



<i>Design</i> ES	
<i>Drawn</i> PS	
<i>Date</i> 18/12/2025	
<i>Checked</i> NH	
<i>Approved</i> ES	
<i>RPEQ No.</i>	

DETAILED DESIGN

Job Number
25019

Drawing Number
25019-HEG-C08-SL-06

Revision
B

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SIGNAGE LEGEND

CODE	#Posts	SIGN ID	DESCRIPTION	EXISTING LOCATION			PROPOSED LOCATION			SIGN DETAILS		POST DETAILS		MOUNTING		FOOTING		ADDITIONAL DETAILS
				CONTROL LINE	CHAINAGE	STATUS	LHS/RHS	CONTROL LINE	CHAINAGE	SIGN SIZE	#POSTS	POST SIZE	LENGTH (m)	HEIGHT (m)	D (m)	L (m)		
RE01-09	2	CUSTOM	CUSTOM FLOOD SIGN			RELOCATED	LHS	MC01	325		2	76.1 OD	4.5	2	0.3	1		
RE01-10	1	W4-4	FORK IN ROAD			RELOCATED	LHS	MC01	350		1	60.3 OD	3.775	2	0.3	0.75		
RE01-11	1	CUSTOM	CUSTOM DAINTREE RADIO			RELOCATED	LHS	MC01	360		1	60.3 OD	3.775	2	0.3	0.75		
RE02-01	2	CUSTOM	FERRY PRICE SIGN			RELOCATED	LHS	MC01	4.15		2	76.1 OD	4.5	2	0.3	1		
RE02-02	1	R2-17	ONE WAY SIGN			RELOCATED	LHS	MC01	445		1	60.3 OD	3.775	2	0.3	0.75		
RE02-03	1	R2-17	ONE WAY SIGN			RELOCATED	RHS	MC01	445		1	60.3 OD	3.775	2	0.3	0.75		
RE02-08	2	R6-17	CUSTOM FERRY LANES			RELOCATED	RHS	MC01	460		2	76.1 OD	4.5	2	0.3	1		
RE02-09	1	W3-4, W8-5(200)	SPEED BUMP AHEAD AND 200M DISTANCE SIGN			RELOCATED	LHS	MC01	477		1	60.3 OD	4.375	2	0.3	0.75		
RE03-07	1	R5-31(L)	DISABLED PARKING TO LEFT SIGN			RELOCATED	LHS	MC02	25		1	60.3 OD	3.775	2	0.3	0.75		
RE03-08	1	R5-31(R)	DISABLED PARKING TO RIGHT SIGN			RELOCATED	LHS	MC02	27		1	60.3 OD	3.775	2	0.3	0.75		
RE03-10	1	PUBLIC TOILETS	PUBLIC TOILETS SIGN			RELOCATED	LHS	MC02	45		1	60.3 OD	3.775	2	0.3	0.75		
RE03-11	2	CUSTOM	CUSTOM CAPE TRIBULATION INFORMATION			RELOCATED	LHS	MC02	45		2	76.1 OD	2	0.5	0.3	1		
RE03-12	1	DRIVE LEFT	DRIVE LEFT IN AUSTRALIA			RELOCATED	LHS	MC02	95		1	60.3 OD	3.775	2	0.3	0.75		
RE03-13	2	W2-4(L)	T INTERSECTION TO THE LEFT			RELOCATED	LHS	MC02	105		1	60.3 OD	3.775	2	0.3	0.75		
RE03-14	1	R4-1(40)	POSTED SPEED LIMIT 40KM/H			RELOCATED	LHS	MC02	120		1	60.3 OD	3.775	2	0.3	0.75		
RE03-15	2	CUSTOM	CUSTOM SCHOOL BUS SIGN			RELOCATED	LHS	MC02	155		2	76.1 OD	4.5	2	0.3	1		
RE03-17	2	D4-1-1	2XD4-1-1 BIDIRECTIONAL HAZARD			RELOCATED	RHS	MC02	345		3	60.3 OD	3.33	1.2	0.3	0.75		
RE03-19	1	MIRROR	TRAFFIC MIRROR			RELOCATED	RHS	MC02	350		1	60.3 OD	3.775	2	0.3	0.75		

A	100% Submission	PS	ES	18/12/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



Scales

Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: SIGNAGE SCHEDULE - SHEET 3 / 3



<i>Design</i> ES	
<i>Drawn</i> PS	
<i>Date</i> 18/12/2025	
<i>Checked</i> NH	
<i>Approved</i> ES	
<i>RPEQ No.</i>	

DETAILED DESIGN

Job Number
25019

Drawing Number
25019-HEG-C08-SL-07

Revision
A

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Concurrence Agency Conditions

SARA reference: 2510-48963 SRA
 Council reference: CA 2025_5841/1 (1328479)
 Applicant reference: AU017394

28 April 2026

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

Dear Sir/Madam

SARA referral agency response—Daintree River Ferry Upgrades at Cape Tribulation Road, Lower Daintree

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

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency (SARA) on 26 November 2025.

Response

Outcome:	Referral agency response – with conditions
Date of response:	28 April 2026
Conditions:	The conditions in Attachment 1 must be attached to any development approval
Advice:	Advice to the applicant is in Attachment 2
Reasons:	The reasons for the referral agency response are in Attachment 3

Development details

Description:	Development Permit for: <ul style="list-style-type: none"> Operational Works (Prescribed Tidal Works, Marine Plant Disturbance, Interfering with Quarry Material above the High-water Mark) Operational Works (Civil Works for accessways, car parking and spoil disposal area) Material Change of Use for the undertaking of an Environmentally Relevant Activity (ERA16)
SARA role:	Referral agency

SARA trigger:	<p>Planning Regulation 2017:</p> <ul style="list-style-type: none"> • Schedule 10, Part 5, Division 4, Table 2, Item 1—Environmentally relevant activity • Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1—Operational work involving removal, destruction or damage of marine plants • Schedule 10, Part 17, Division 3, Table 1, Item 1—Operational work that is tidal works or work in a coastal management district • Schedule 10, Part 17, Division 3, Table 2, Item 1—Operational work that is tidal works in tidal waters.
SARA reference:	2510-48963 SRA
Assessment manager:	Douglas Shire Council
Street address:	Cape Tribulation Road and 362 Cape Tribulation Road, Lower Daintree
Real property description:	Lot 2 on RP865069, Lot 4 on SP126928, Lot 1 on RP804943 and Lot 359 on SP215752
Applicant name:	Douglas Shire Council C/- RPS AAP Consulting Pty Ltd
Applicant contact details:	PO Box 1949 CAIRNS QLD 4870 Patrick.Clifton@rpsconsulting.com
Environmental Authority:	<p>This referral included an application for an environmental authority under section 115 of the <i>Environmental Protection Act 1994</i>. Below are the details of the decision:</p> <ul style="list-style-type: none"> • Approved • Reference: P-EA-101041374 • Effective date: In accordance with Section 200 of the <i>Environmental Protection Act 1994</i> • Prescribed environmentally relevant activity (ERA): ERA 16 – Extraction and Screening 1(a) – Dredging, in a year, the following quantity of material 1,000t to 10,000t. <p>If you are seeking further information on the environmental authority, the Department of the Environment, Tourism, Science and Innovation's website includes a register. This can be found at: www.detsi.qld.gov.au</p>
<i>Human Rights Act 2019</i> considerations:	<p>A consideration of the 23 fundamental human rights protected under the <i>Human Rights Act 2019</i> has been undertaken as part of this decision. It has been determined that this decision does not limit human rights.</p>

Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules). Copies of the relevant provisions are in **Attachment 4**.

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

For further information please contact Poppy Ellis-Southwell, Principal Planning Officer, on (07) 5644 3214 or via email CairnsSARA@dasilgp.qld.gov.au who will be pleased to assist.

Yours sincerely

A handwritten signature in black ink, appearing to read 'P. Gleeson', with a horizontal line extending to the right.

Paul Gleeson
A/Manager

cc Douglas Shire Council C/- RPS AAP Consulting Pty Ltd, Patrick.Clifton@rpsconsulting.com

enc Attachment 1 - Referral agency conditions
Attachment 2 - Advice to the applicant
Attachment 3 - Reasons for referral agency response
Attachment 4 - Representations about a referral agency response provisions
Attachment 5 - Documents referenced in conditions

Attachment 1—Referral agency conditions

(Under section 56(1)(b)(i) of the *Planning Act 2016* the following conditions must be attached to any development approval relating to this application) (Copies of the documents referenced below are found at Attachment 5)

No.	Conditions	Condition timing
Development Permit for Material Change of Use		
Schedule 10, Part 5, Division 4, Table 2, Item 1 (Planning Regulation 2017)—Environmentally relevant activity—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of the Environment, Tourism, Science and Innovation to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
1.	The dredging is limited to a maximum of 10,000t per year.	At all times.
2.	The construction of the dredge channel must be undertaken generally in accordance with the plan Proposed Dredge Area Daintree River Ferry Crossing, prepared by RPS AAP Consulting Pty Ltd, dated 04/06/2025, drawing number AU17394-100.	While the works are occurring.
3.	<p>(a) Prepare a hydrographic survey plan by a registered surveyor in accordance with Standards for Hydrographic Surveys within Queensland Waters to Class C of the dredge area and the immediate adjacent area likely to be affected by the dredging.</p> <p>(b) Submit the hydrographic survey plan to palm@detsi.qld.gov.au or mailed to: Department of the Environment, Tourism, Science and Innovation Permit and Licence Management GPO Box 2454 Brisbane Qld 4001</p>	Within one month of completion of the works.
Development Permit for Operational Work involving removal, destruction or damage of marine plants		
Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1 (Planning Regulation 2017)—Operational work involving removal, destruction or damage of marine plants—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Primary Industries to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
4.	Development is limited to the marine plant clearing works to facilitate the Daintree River ferry upgrade works that will permanently remove, damage, destroy 0.37 ha of marine plants consisting of mangrove and melaleuca species as shown on Daintree Ferry 2025 Update Project Alignment, prepared by 4elements, dated 16/05/2025 and version 3.0 as amended in red by SARA.	At all times.
5.	<p>The Daintree River Ferry upgrade works must be undertaken generally in accordance with the following plans:</p> <p>(a) General Arrangement – Sheet 1 / 4, prepared by Hansen Engineering Group, dated 18/12/2025, drawing number 25019-HEG-C04-GA-01, revision C.</p> <p>(b) General Arrangement – Sheet 2 / 4, prepared by Hansen</p>	For the duration of works.

	<p>Engineering Group, dated 18/12/2025, drawing number 25019-HEG-C04-GA-02, revision C.</p> <p>(c) Southern Side – Option 4 Typical Sections, prepared by Trinity Engineering and Consulting, dated 10 May 2024, drawing no. FIGURE 1508-44 and revision B.</p> <p>(d) Northern Side – Option 4 Site Plan, prepared by Trinity Engineering and Consulting, dated 10 May 2024, drawing no. FIGURE 1508-51 and revision A.</p> <p>(e) Northern Side – Option 4 Loading and Unloading Area, prepared by Trinity Engineering and Consulting, dated 10 May 2024, drawing no. FIGURE 1508-52 and revision A.</p> <p>(f) Northern Side – Option 4 Typical Sections, prepared by Trinity Engineering and Consulting, dated 10 May 2024, drawing no. FIGURE 1508-53 and revision A.</p>	
6.	<p>Submit written notice to the Department of Primary Industries at notifications@dpi.qld.gov.au advising when the development authorised under this referral agency response:</p> <p>(a) will start</p> <p>(b) when it has been completed.</p> <p>Any notice must state the application's reference number: 2510-48963 SRA.</p>	<p>(a) At least 5 business days but no greater than 20 business days prior to the commencement of the works.</p> <p>(b) Within 15 business days of the completion of the fisheries development works.</p>
7.	Spoil is not disposed within waterways and is managed to prevent acid soil development.	At all times.
8.	This fisheries development (as defined by the <i>Fisheries Act 1994</i>) constitutes a place that is required to be open for inspection by an inspector, pursuant to section 145 of the <i>Fisheries Act 1994</i> .	At all times.
9.	Restore tidal land profiles that are temporarily disturbed by the development works to pre-work profiles.	Within 10 business days of completion of the works and prior to post works notification.
10.	Enter into an agreed delivery arrangement to deliver an environmental offset in accordance with the Environmental Offsets Act 2014 to counterbalance the significant residual impacts on the matter of state environmental significance being 0.37 ha of permanent removal of marine plants.	Prior to commencing any works that impact on the marine plants.
11.	<p>(a) Remove marine plants that have been authorised for removal as part of this development from the intertidal zone.</p> <p>(b) Other than placement of dredge spoil within authorised areas, dispose of all material associated with the development (e.g. debris, construction material, soil, etc.) from the intertidal zone at an appropriate licensed facility that accepts this type of waste.</p>	<p>(a) As soon as reasonably practicable after the marine plants have been removed.</p> <p>(b) As soon as reasonably practicable.</p>

Development Permit for Operational Work for prescribed tidal works		
Schedule 10, Part 17, Division 3, Table 1, Item 1 (Planning Regulation 2017)—Operational work that is tidal works or work in a coastal management district—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of the Environment, Tourism, Science and Innovation to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
12.	<p>The construction of the boat ramp, mooring piles and concrete poles must be undertaken generally in accordance with the following plans:</p> <p>(a) Proposed Dredge Area Daintree River Ferry Crossing, prepared by RPS AAP Consulting Pty Ltd, dated 4/6/25, drawing number AU17394-100.</p> <p>(b) Pile Schedule and Details – Sheet 1/1, prepared by Hansen Engineering Group, dated 04/11/2025, Drawing Number 25019-HEG-S02-PI-01, revision B.</p> <p>(c) Ramp Layout Plan – Sheet ½, prepared by Hansen Engineering Group, dated 04/11/2025, Drawing Number 25019-HEG-S03-RA-01, revision B.</p> <p>(d) Ramp Plank Details – Sheet 2/2, prepared by Hansen Engineering Group, dated 04/11/2025, Drawing Number 25019-HEG-S03-RA-02, revision B.</p> <p>(e) Anchor Footing Details, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-S06-AF-01, revision B.</p>	For the duration of the works and to be maintained at all times.
13.	For the proposed works, only use clean materials which are free from prescribed water contaminants.	For the duration of the works.
14.	<p>(a) An erosion and sediment control plan must be prepared by an <u>appropriately qualified person</u>, in accordance with the <i>Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association)</i></p> <p>(b) Provide the erosion and sediment control plan to the palm@detsi.qld.gov.au or mailed to:</p> <p style="padding-left: 40px;">Department of the Environment, Tourism, Science and Innovation Permit and Licence Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001</p> <p>(c) Undertake the development generally in accordance with the erosion and sediment control plan; and</p> <p>(d) Provide written evidence from an <u>appropriately qualified person</u> that all elements of this condition have been complied with.</p> <p><i>Note: <u>Appropriately qualified person(s)</u> means a person or persons who has professional qualifications, training, skills and experience relevant to soil chemistry or acid sulfate soil management and can give authoritative assessment, advice and analysis in relation to acid sulfate soil management using the relevant protocols, standards, methods or literature.</i></p>	<p>(a) Prior works occurring</p> <p>(b) Prior to works occurring</p> <p>(c) While works are occurring</p> <p>(d) Upon completion of the works</p>
15.	Submit “As Constructed drawings” to palm@detsi.qld.gov.au or mail to:	Within 20 business

	<p>Department of the Environment, Tourism, Science and Innovation Permit and Licence Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001</p>	<p>days of the completion of the works.</p>
16.	<p>(a) In the event that the works cause disturbance or oxidisation of acid sulfate soil, the affected soil must be treated and thereafter managed (until the affected soil has been neutralised or contained) in accordance with the current <i>Queensland Acid Sulfate Soil Technical Manual: Soil management guidelines</i>, prepared by the Department of Science, Information Technology, Innovation and the Arts, 2014.</p> <p>(b) Submit certification from an <u>appropriately qualified person</u> on acid sulfate soil, confirming that the affected soil has been neutralised or contained, in accordance with (a) above is to be provided to palm@detsi.qld.gov.au or mailed to:</p> <p style="padding-left: 40px;">Department of the Environment, Tourism, Science and Innovation Permit and Licence Management GPO Box 2454 Brisbane Qld 4001</p> <p><i>Note: <u>Appropriately qualified person(s)</u> means a person or persons who has professional qualifications, training, skills and experience relevant to soil chemistry or acid sulfate soil management and can give authoritative assessment, advice and analysis in relation to acid sulfate soil management using the relevant protocols, standards, methods or literature.</i></p>	<p>(a) Upon disturbance or oxidisation until the affected soil has been neutralised or contained.</p> <p>(b) At the time the soils have been neutralised or contained.</p>
<p>Schedule 10, Part 17, Division 3, Table 2, Item 1 (Planning Regulation 2017)—Operational work that is tidal works in tidal waters—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Transport and Main Roads, Maritime Safety Queensland to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:</p>		
17.	<p>Submit written notice to the Regional Harbour Master (Cairns) email rhmcairns@msq.qld.gov.au when the development authorised under this development:</p> <p>(a) is scheduled to commence; and (b) has been completed.</p> <p>Each notice must state 2510-48963 SRA, the location and the name of the registered place and the condition number under which the notice is being given.</p>	<p>(a) At least ten business days prior to the commencement of works</p> <p>(b) Within ten business days of the completion of works</p>
18.	<p>Remove and dispose of any debris or similar obstruction encountered whilst undertaking the work at an appropriately licensed facility.</p>	<p>For the duration of works.</p>

Development Permit for Operational Work for interfering with quarry material on State coastal land above high water mark

Schedule 10, Part 17, Division 3, Table 1, Item 1 (Planning Regulation 2017)—Operational work that is tidal works or work in a coastal management district—The chief executive administering the *Planning Act 2016* nominates the Director-General of the Department of the Environment, Tourism, Science and Innovation to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:

19.	<p>The construction of the road infrastructure upgrades and dredge disposal location must be undertaken generally in accordance with the following plans:</p> <ul style="list-style-type: none"> (a) Typical Cross Sections – Sheet 1/3, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C03-TS-01, revision C. (b) Typical Cross Sections – Sheet 2/3, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C03-TS-02, revision C. (c) Typical Cross Sections – Sheet 3/3, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C03-TS-03, revision A. (d) General Arrangement – Sheet 1/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-01, revision C (<i>annotated in red by applicant</i>). (e) General Arrangement – Sheet 2/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-02, revision C (<i>annotated in red by applicant</i>). (f) General Arrangement – Sheet 3/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-03, revision C. (g) General Arrangement – Sheet 4/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-04, revision C. (h) MC03 & MC04 Long Sections – Sheet 1/1, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-06, revision A. (i) Existing Features, Demolition and Utility Plan – Sheet 1/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C05-EF-01, revision C (<i>annotated in red by applicant</i>). (j) Existing Features, Demolition and Utility Plan – Sheet 2/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C05-EF-02, revision C. (k) Existing Features, Demolition and Utility Plan – Sheet 3/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C05-EF-03, revision C. (l) Existing Features, Demolition and Utility Plan – Sheet 4/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C05-EF-04, revision C. (m) Pavement and Construction Setout – Sheet 1/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C07-PD-01, revision B. (n) Pavement and Construction Setout – Sheet 2/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 	For the duration of the works and to be maintained at all times.
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	<p>25019-HEG-C07-PD-02, revision B as amended in red by SARA.</p> <p>(o) Pavement and Construction Setout – Sheet 3/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C04-GA-03, revision B.</p> <p>(p) Pavement and Construction Setout – Sheet 4/4, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-C07-PD-01, revision B.</p> <p>(q) Ticket Booth Slab Plan, prepared by Hansen Engineering Group, dated 18/12/2025, Drawing Number 25019-HEG-SO5-TB-01, revision B.</p> <p>(r) Daintree Ferry 2024 Update Project Alignment – Proposed clearing area, prepared by 4 Elements Consulting, dated 31/07/2024, Drawing Number N/A, revision 2.0, as amended in red by SARA.</p> <p>(s) Pedestrian Shelter Plan – Sheet 1/1, prepared by Hansen Engineering Group, dated 04/11/2025, Drawing Number 25019-HEG-S04-PS-01, revision B.</p>	
20.	For the proposed works, only use clean materials which are free from prescribed water contaminants.	For the duration of the works.
21.	<p>(a) An erosion and sediment control plan must be prepared by an <u>appropriately qualified person</u>, in accordance with the <i>Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association</i></p> <p>(b) Provide the erosion and sediment control plan to the palm@detsi.qld.gov.au or mailed to:</p> <p style="padding-left: 40px;">Department of the Environment, Tourism, Science and Innovation Permit and Licence Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001</p> <p>(c) Undertake the development generally in accordance with the erosion and sediment control plan; and</p> <p>(d) Provide written evidence from an <u>appropriately qualified person</u> that all elements of this condition have been complied with.</p> <p><i>Note: <u>Appropriately qualified person(s)</u> means a person or persons who has professional qualifications, training, skills and experience relevant to soil chemistry or acid sulfate soil management and can give authoritative assessment, advice and analysis in relation to acid sulfate soil management using the relevant protocols, standards, methods or literature.</i></p>	<p>(a) Prior works occurring</p> <p>(b) Prior to works occurring</p> <p>(c) While works are occurring</p> <p>(d) Upon completion of the works</p>
22.	<p>(a) In the event that the works cause disturbance or oxidisation of acid sulfate soil, the affected soil must be treated and thereafter managed (until the affected soil has been neutralised or contained) in accordance with the current <i>Queensland Acid Sulfate Soil Technical Manual: Soil management guidelines</i>, prepared by the Department of Science, Information Technology, Innovation and</p>	<p>(a) Upon disturbance or oxidisation until the affected soil has been neutralised or contained.</p>

	<p>the Arts, 2014.</p> <p>(b) Submit certification from an <u>appropriately qualified person</u> on acid sulfate soil, confirming that the affected soil has been neutralised or contained, in accordance with (a) above is to be provided to palm@detsi.qld.gov.au or mailed to:</p> <p style="padding-left: 40px;">Department of the Environment, Tourism, Science and Innovation Permit and Licence Management GPO Box 2454 Brisbane Qld 4001</p> <p><i>Note: <u>Appropriately qualified person(s)</u> means a person or persons who has professional qualifications, training, skills and experience relevant to soil chemistry or acid sulfate soil management and can give authoritative assessment, advice and analysis in relation to acid sulfate soil management using the relevant protocols, standards, methods or literature.</i></p>	<p>(b) At the time the soils have been neutralised or contained.</p>
23.	<p>Enter into an agreed delivery arrangement to deliver an environmental offset in accordance with the Environmental Offsets Act 2014 to counterbalance the significant residual impact on the matter of state environmental significance being 0.24ha of High Ecological Significance Wetland shown on the map of Queensland wetland environmental values.</p>	<p>Prior to commencing any works that impact on the High Ecological Significance Wetland shown on the map of Queensland wetland environmental values.</p>

Attachment 2—Advice to the applicant

General advice	
1.	Terms and phrases used in this document are defined in the <i>Planning Act 2016</i> , its regulation or the State Development Assessment Provisions (SDAP) (version 3.5). If a word remains undefined it has its ordinary meaning.
Environmental offsets	
2.	<p>The Notice of Election for the Significant Residual Impact associated with this referral agency response (2510-48963 SRA) should be submitted to CairnsSARA@dasilgp.qld.gov.au.</p> <p>If the authority holder plans to deliver a proponent-driven offset, they should seek pre-lodgement advice from the State Assessment and Referral Agency regarding the Notice of Election and Offset Delivery Plan. This will involve relevant agencies and assist in streamlining the offset process.</p> <p>An Agreed Delivery arrangement must be entered into prior to any impact on the matter(s) of State environmental significance (Marine plants).</p>
3.	In accordance with the <i>Environmental Offsets Act 2014</i> , Part 6, Division 1, section 16, where an offset condition is imposed on an authority, deemed conditions also apply to this approval.
Further permits	
4.	<p>As the development is located in a State marine park, an amendment to your existing permit to undertake the activity may be needed from the Department of the Environment, Tourism, Science and Innovation Statewide Marine Works. Please see the following link for more information: https://www.qld.gov.au/environment/coasts-waterways/marine-parks/works.</p> <p>If you wish to enquire about obtaining a marine park permit please contact: marineparksworks@detsi.qld.gov.au.</p>
Tampering with an Animal Breeding Place of a Protected Species	
5.	<p>Under the Nature Conservation (Animals) Regulation 2020, in order to tamper with the breeding place of a protected species (identified in the <i>Nature Conservation Act 1992</i>) appropriate authorisation is required.</p> <p>For further guidance on this please see the Species Management Program information page at https://environment.des.qld.gov.au/licences-permits/plants-animals/species-management-program/index.html</p>
Matters of National Environmental Significance	
6.	<p>Matters of National Environmental Significance, or other matters protected by the <i>Environment Protection and Biodiversity Conservation Act 1999</i> are likely to occur in the area of interest. Further information relating to matters protected by the <i>Environment Protection and Biodiversity Conservation Act 1999</i> can be obtained from the Department of the Environment and Energy website: http://www.environment.gov.au/epbc/protected-matters-search-tool</p>

Attachment 3—Reasons for referral agency response

(Given under section 56(7) of the *Planning Act 2016*)

The reasons for the SARA's decision are:

- SARA assessed the development against the following code(s) of the State Development Assessment Provisions (SDAP), version 3.5:
 - State code 7: Maritime safety (State code 7)
 - State code 8: Coastal development and tidal works (State code 8)
 - State code 11: Removal, destruction or damage of marine plants (State code 11)
 - State code 22: Environmentally relevant activities (State code 22)

- The development complies with the assessment benchmarks of State code 7 of SDAP in that the development does not compromise the:
 - viable operation of aids to navigation
 - safe operation of vessels in navigable waterways.

- The development complies with the assessment benchmarks of State code 8 of SDAP in that the development is design and located to:
 - protect life, buildings and infrastructure from the impacts of coastal erosion
 - maintain coastal processes
 - conserve coastal resources
 - maintain appropriate public use of, and access to and along, State coastal land
 - avoid impacts or, where the matters of state environmental significance cannot be reasonably avoided, impacts are reasonably minimised and mitigated
 - results in a significant residual impact on a matter of state environmental significance that is acceptable, and an offset can be provided.

- The development complies with the assessment benchmarks of State code 11 of SDAP in that the development:
 - maintains the extent, distribution, diversity and condition of marine plant communities and protects the ecological functions to which they contribute
 - maintains the health and productivity of fisheries resources and fish habitat
 - minimises impacts on the management, use, development and protection of fisheries resources and fish habitat
 - is designed and located to avoid impacts or, where the matters of state environmental significance cannot be reasonably avoided, impacts are reasonably minimised and mitigated
 - results in a significant residual impact on a matter of state environmental significance that is acceptable, and an offset can be provided.

- The development complies with the assessment benchmarks of State code 22 of SDAP in that the development:
 - is located and designed to avoid or mitigate environmental harm on environmental values of the natural environment, adjacent sensitive land uses and sensitive receptors
 - is designed and located to avoid impacts or, where the matters of state environmental significance cannot be reasonably avoided, impacts are reasonably minimised and mitigated
 - results in a significant residual impact on a matter of state environmental significance that is acceptable, and an offset can be provided.

Material used in the assessment of the application:

- the development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017

- the SDAP (version 3.5), as published by SARA
- the Development Assessment Rules
- SARA DA Mapping system
- State Planning Policy mapping system
- section 58 of the *Human Rights Act 2019*

Attachment 4—Representations about a referral agency response provisions

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Development Assessment Rules—Representations about a referral agency response

The following provisions are those set out in sections 28 and 30 of the Development Assessment Rules¹ regarding **representations about a referral agency response**

Part 6: Changes to the application and referral agency responses

28 Concurrence agency changes its response or gives a late response

- 28.1. Despite part 2, a concurrence agency may, after its referral agency assessment period and any further period agreed ends, change its referral agency response or give a late referral agency response before the application is decided, subject to section 28.2 and 28.3.
- 28.2. A concurrence agency may change its referral agency response at any time before the application is decided if—
- (a) the change is in response to a change which the assessment manager is satisfied is a change under section 26.1; or
 - (b) the Minister has given the concurrence agency a direction under section 99 of the Act; or
 - (c) the applicant has given written agreement to the change to the referral agency response.²
- 28.3. A concurrence agency may give a late referral agency response before the application is decided, if the applicant has given written agreement to the late referral agency response.
- 28.4. If a concurrence agency proposes to change its referral agency response under section 28.2(a), the concurrence agency must—
- (a) give notice of its intention to change its referral agency response to the assessment manager and a copy to the applicant within 5 days of receiving notice of the change under section 25.1; and
 - (b) the concurrence agency has 10 days from the day of giving notice under paragraph (a), or a further period agreed between the applicant and the concurrence agency, to give an amended referral agency response to the assessment manager and a copy to the applicant.

¹ Pursuant to Section 68 of the *Planning Act 2016*

² In the instance an applicant has made representations to the concurrence agency under section 30, and the concurrence agency agrees to make the change included in the representations, section 28.2(c) is taken to have been satisfied.

Part 7: Miscellaneous

30 Representations about a referral agency response

30.1. An applicant may make representations to a concurrence agency at any time before the application is decided, about changing a matter in the referral agency response.³

³ An applicant may elect, under section 32, to stop the assessment manager's decision period in which to take this action. If a concurrence agency wishes to amend their response in relation to representations made under this section, they must do so in accordance with section 28.

Attachment 5—Documents referenced in conditions

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**PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE**

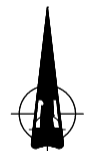
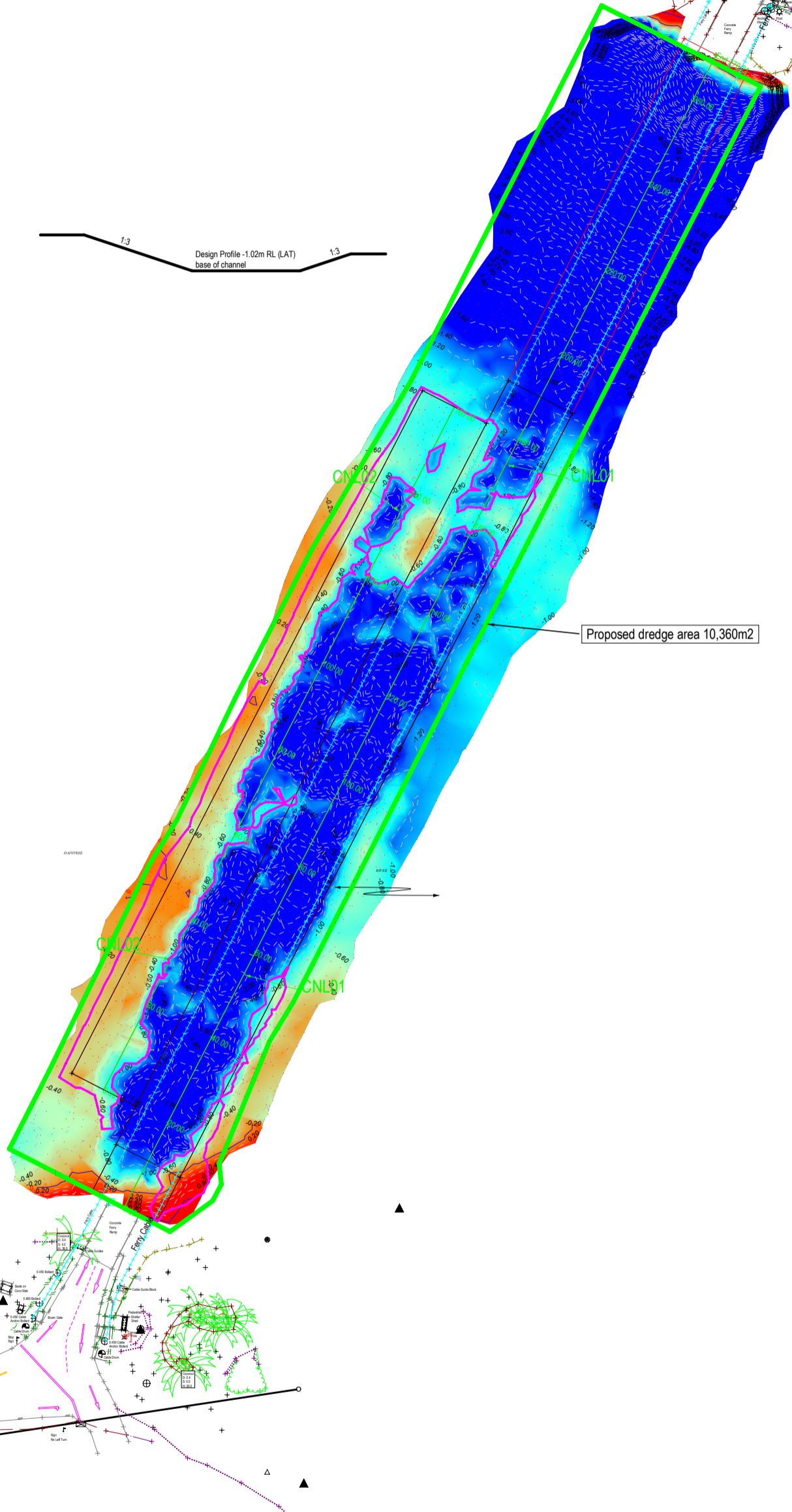


SARA ref: 2510-48963 SRA

Date: 28 April 2026

IMPORTANT NOTE

- This plan was prepared for the sole purposes of the client for the specific purpose of producing a detail plan. This plan is strictly limited to the purpose and does not apply directly or indirectly and will not be used for any other application, purpose, use or matter. The plan is presented without the assumption of a duty of care to any other person (other than the Client) ("Third Party") and may not be relied on by Third Party.
- RPS AAP Consulting Pty Ltd will not be liable (in negligence or otherwise) for any direct or indirect loss, damage, liability or claim arising out of or incidental to:
 - Third Party publishing, using or relying on the plan;
 - RPS AAP Consulting Pty Ltd relying on information provided to it by the Client or a Third Party where the information is incorrect, incomplete, inaccurate, out-of-date or unreasonable;
 - any inaccuracies or other faults with information or data sourced from a Third Party;
 - RPS AAP Consulting Pty Ltd relying on surface indicators that are incorrect or inaccurate;
 - the Client or any Third Party not verifying information in this plan where recommended by RPS AAP Consulting Pty Ltd;
 - lodgement of this plan with any local authority against the recommendation of RPS AAP Consulting Pty Ltd;
 - the accuracy, reliability, suitability or completeness of any approximations or estimates made or referred to by RPS AAP Consulting Pty Ltd in this plan.
- Without limiting paragraph 1 or 2 above, this plan may not be copied, distributed, or reproduced by any process unless this note is clearly displayed on the plan.
- Scale shown is correct for the original plan and any copies of this plan should be verified by checking against the bar scale.
- The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.
- Underground services have not been plotted or have been plotted from records and are approximate only. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.



NOTES

Level Datum: LAT Vide RPS plan AU05051-16
Origin of Levels: PM123249
Origin of Coordinates: GDA2020
Meridian: MGA Zone 55
Field/Level Book:



SCALE 1:500 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE (A1). (1:1000 @ A3)

Contour Interval: 0.2m
Index: 1.0m

AMENDMENTS	PROJECT MANAGER	PC OCK
TEXT	SURVEYED	AD 14/4/25
	DRAWN	DGP
CHECKED	CAD REF	AU017394-100.mjp
DRAFTING CHECKED	SHEET 1 OF SHEETS 1	SHEET SIZE A1

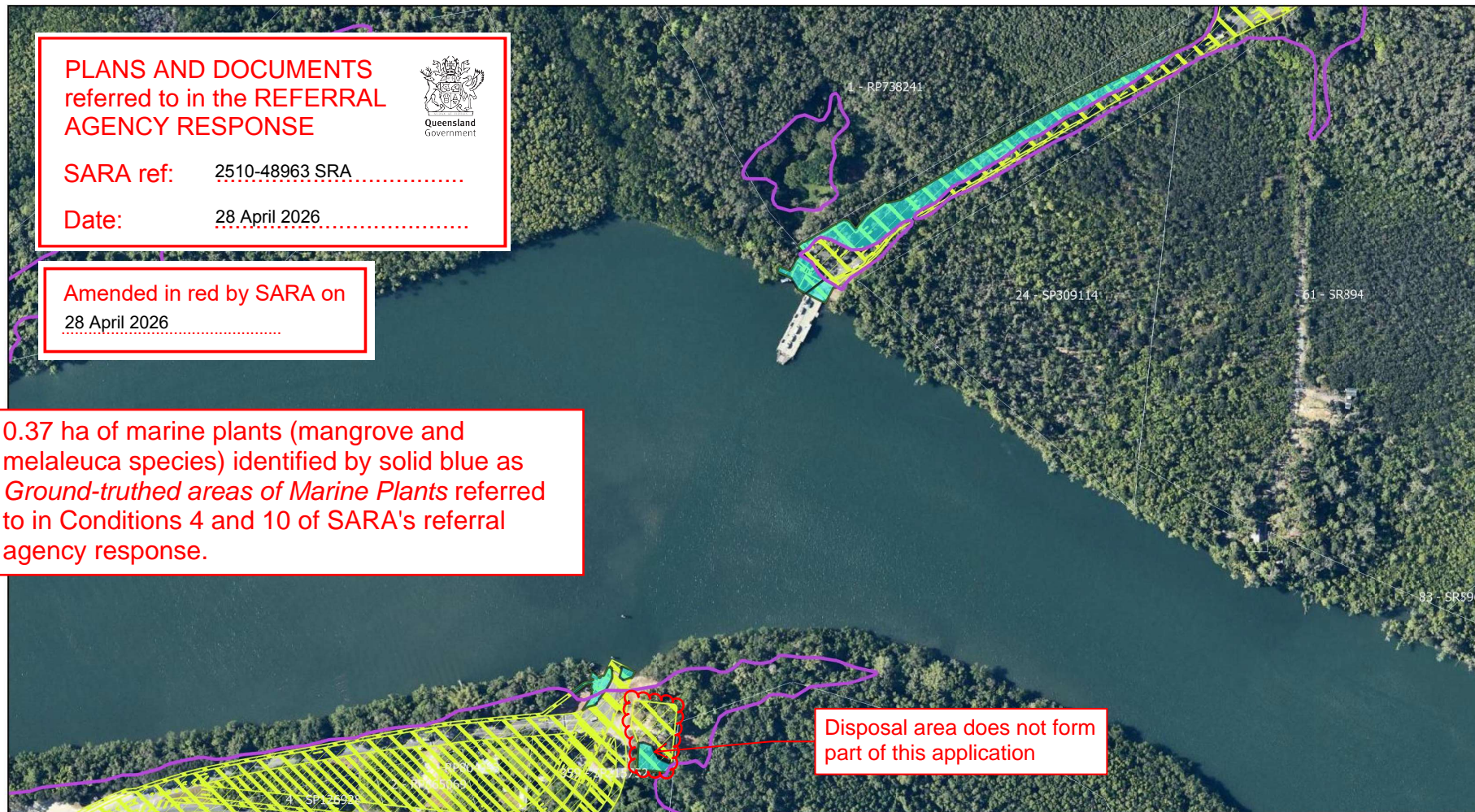
Douglas Shire Council

**Proposed Dredge Area
Daintree River Ferry Crossing
Daintree River
Cape Tribulation Road**



RPS AAP Consulting Pty Ltd
ACN 117 883 173
5954 Captain Cook Hwy
Craigie QLD 4877
T +61 7 4098 1148
F +61 7 4031 2942
W rpsgroup.com.au

SCALE	DATE	DRAWING NO.	ISSUE
1:500	4/6/25	AU17394-100	



PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



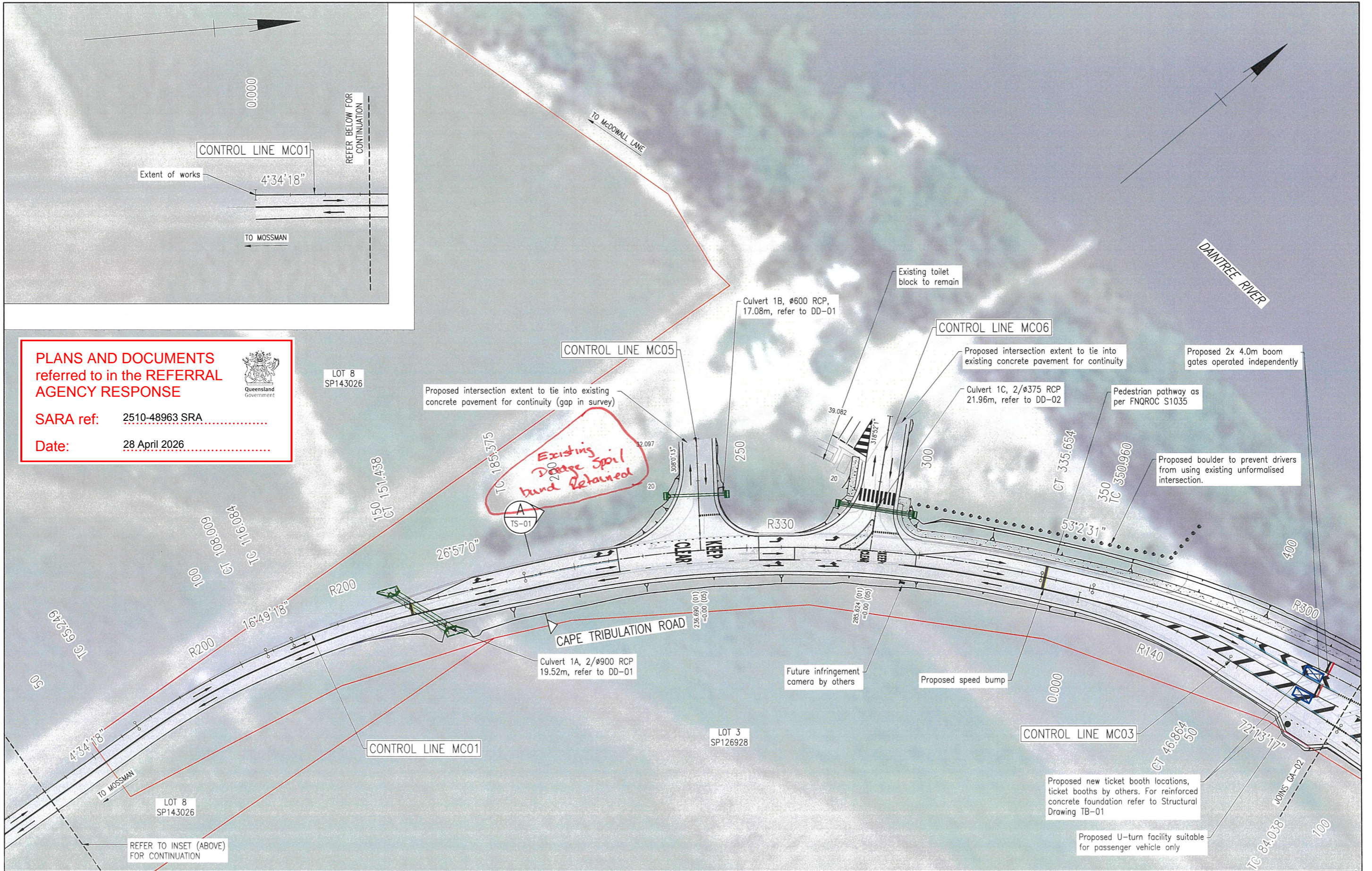
Amended in red by SARA on
28 April 2026

0.37 ha of marine plants (mangrove and melaleuca species) identified by solid blue as *Ground-truthed areas of Marine Plants* referred to in Conditions 4 and 10 of SARA's referral agency response.

Disposal area does not form part of this application

	<h3>Daintree Ferry 2025 Update Project Alignment</h3> <ul style="list-style-type: none"> Highest Astronomical Tide line (HAT) Ground-truthed areas of Marine Plants Daintree Ferry total footprint Cadastre 	<p><small>This document may only be used by 4 Elements Consulting clients for the purpose in which it was prepared. 4 Elements Consulting endeavours to ensure the information provided is correct at the time of publication but does not guarantee or warrant the accuracy or currency of spatial information contained within this map from online data sources. This map was produced by 4 Elements Consulting, copyright 2024.</small></p>
<p>Client: Douglas Shire Council PM: Ryan Hughes Date: 16/05/2025 Version: 3.0 Projection: GDA_2020_Zone 56S</p>		

Figure 11. MSES Marine Plants ground-truthed across the project site



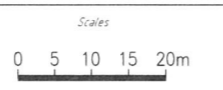
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				

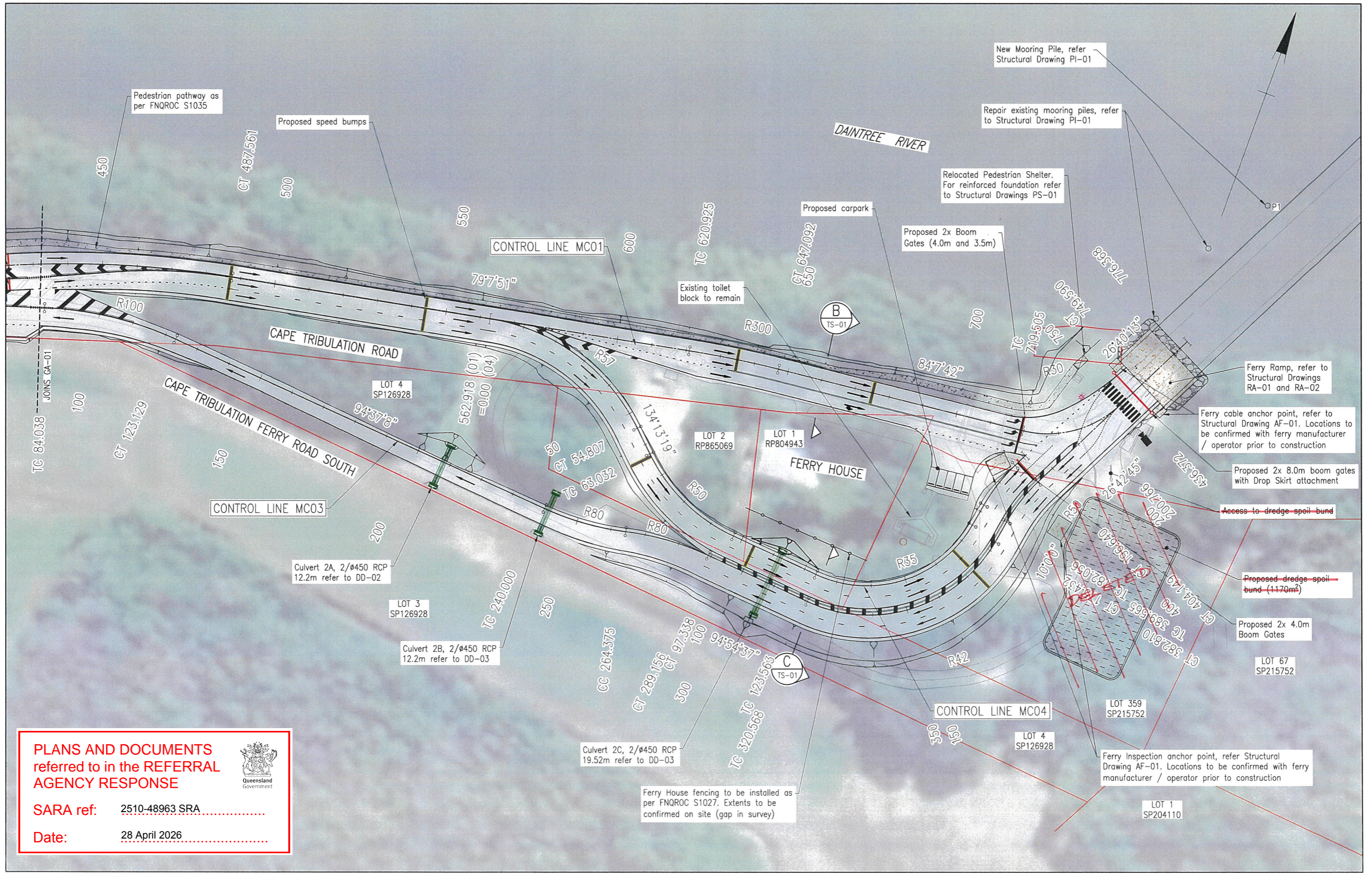


Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 1 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-01
Revision	C



PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025

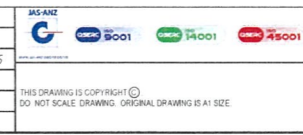
AMENDMENTS



Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 2 / 4



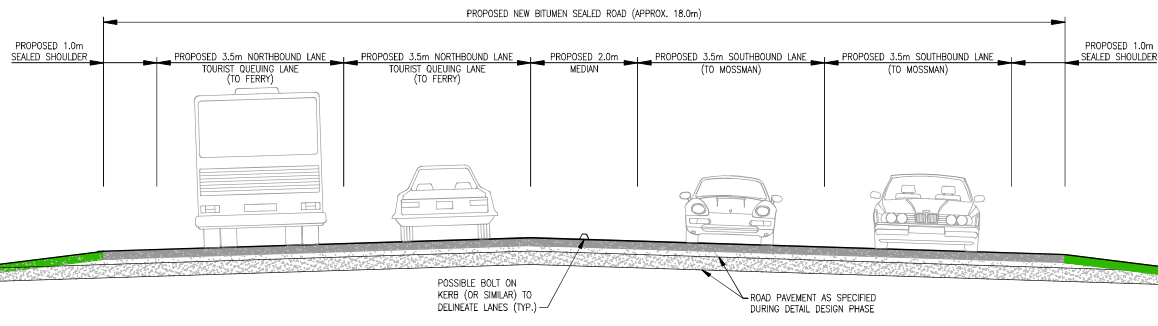
Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-02
Revision	C

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TEC File: T:\1506 Daintree River Ferry North Side Priority Lane Drawings\1506-FIGURE41(C)-242(C)-243(C)-244(C).dwg
Printed: 10 May 2024, 9:49 AM (tony)

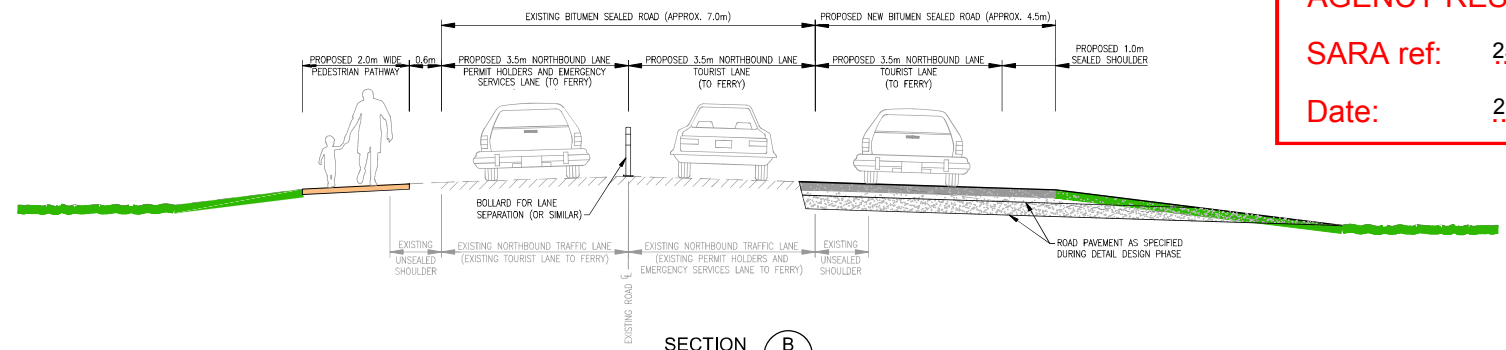


SECTION C
SCALE 1:50

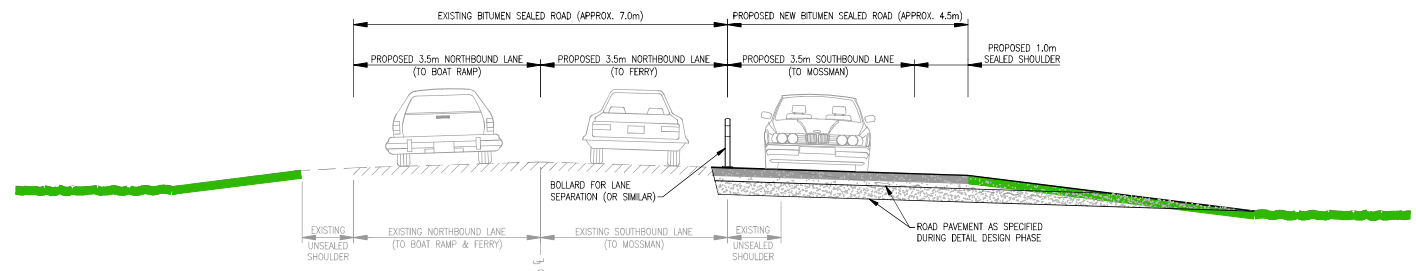
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



SECTION B
SCALE 1:50



SECTION A
SCALE 1:50

- NOTES**
- LAYOUT AND DETAILS SHOWN ARE CONCEPTUAL ONLY AND TO BE CONFIRMED DURING DETAILED DESIGN PHASE.
 - ROADWAY LIGHTING TO BE CONFIRMED DURING DETAILED DESIGN PHASE.

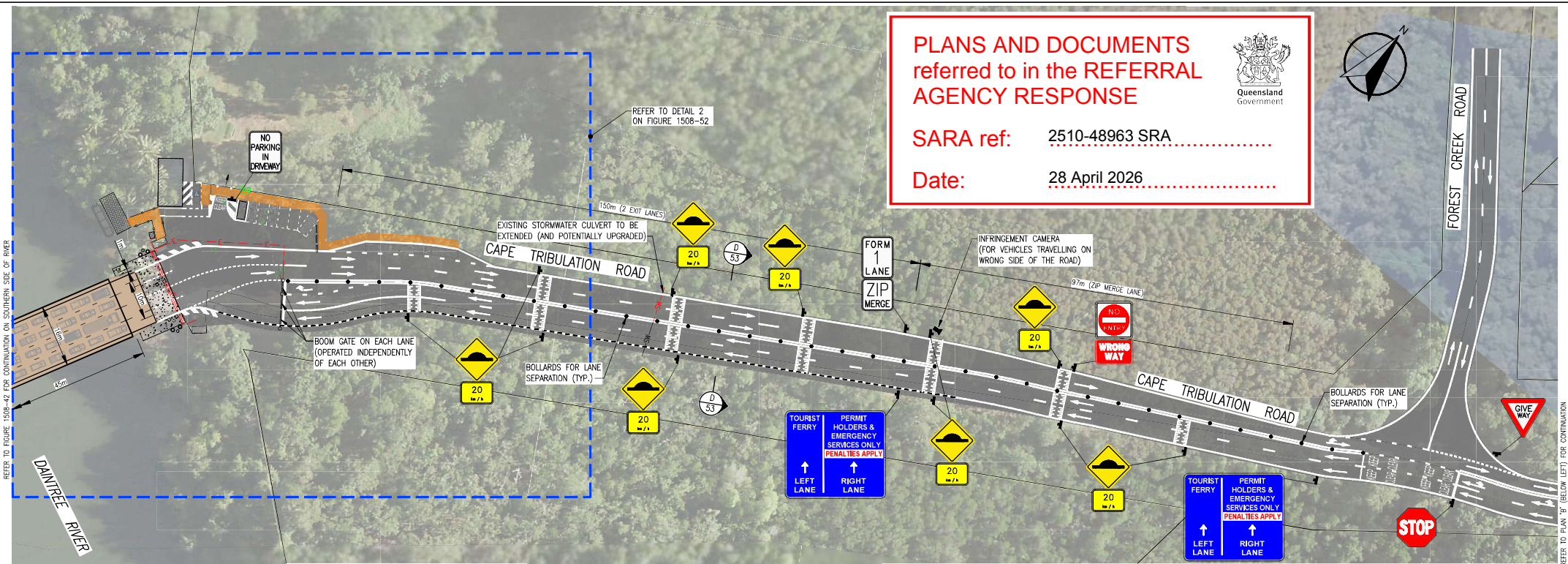
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				<p>Client DOUGLAS SHIRE COUNCIL</p> <p>Project DAINTREE RIVER FERRY PRIORITY LANES</p> <p>Title SOUTHERN SIDE - OPTION 4 TYPICAL SECTIONS</p> <p>JOB No. 1508 Scale (A1 size) 1:50 Date 10 MAY 2024 Drawing No. FIGURE 1508-44 Revision B</p>							

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE



SARA ref: 2510-48963 SRA
Date: 28 April 2026



PLAN 'A'
SCALE 1:500



PLAN 'B'
SCALE 1:500

- NOTES**
- LAYOUT AND DETAILS SHOWN ARE CONCEPTUAL ONLY AND TO BE CONFIRMED DURING DETAILED DESIGN PHASE.
 - ROADWAY LIGHTING TO BE CONFIRMED DURING DETAILED DESIGN PHASE.

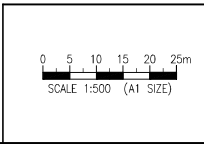
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Printed: 10 May 2024, 9:50 AM (tony)
REFER TO FIGURE 1508-42 FOR CONTINUATION ON SOUTHERN SIDE OF RIVER
REFER TO PLAN 'A' (PAGE RIGHT) FOR CONTINUATION
REFER TO PLAN 'B' (BELOW LEFT) FOR CONTINUATION

LEGEND

- ROADWAY
- PEDESTRIAN PATHWAY
- PROPOSED FERRY RAMP
- TOLL BOOTH
- ROAD SIGN
- BOLLARD FOR LANE SEPARATION (OR APPROVED EQUIVALENT)

LEGEND (cont.)

- PROPOSED BOLT ON DIVIDING KERB (OR APPROVED EQUIVALENT)
- PROPOSED SPEED HUMP
- PROPOSED ELECTRICAL CONDUIT
- PROPOSED WATER SERVICE
- PROPOSED SPARE CONDUITS



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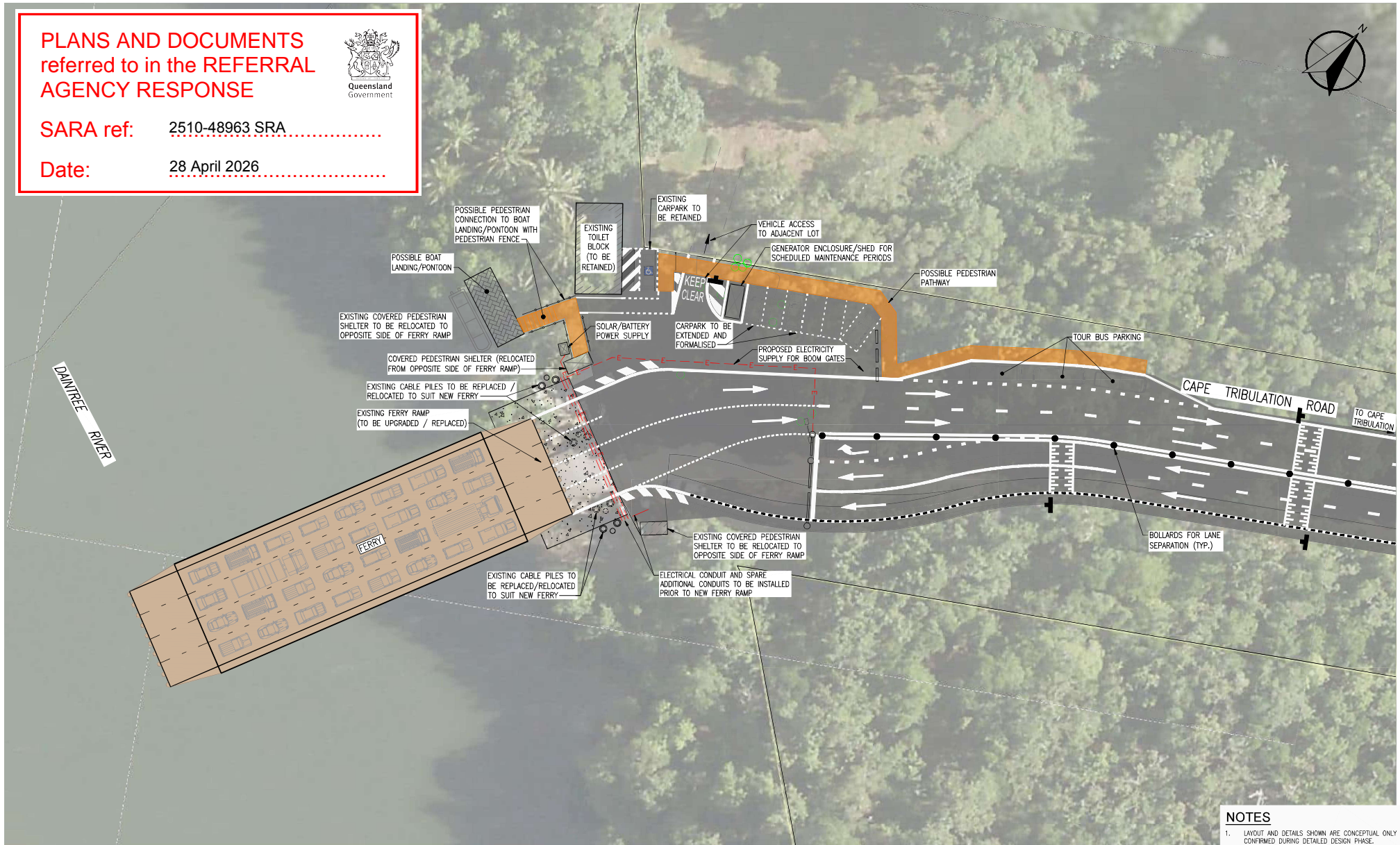
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Project	DAINTREE RIVER FERRY PRIORITY LANES		
Title	NORTHERN SIDE - OPTION 4 SITE PLAN		
JOB No.	1508	Scale (A1 size)	1:500
Date	10 MAY 2024		Drawing No.
Revision	FIGURE 1508-51 A		

**PLANS AND DOCUMENTS
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AGENCY RESPONSE**



SARA ref: 2510-48963 SRA

Date: 28 April 2026



- NOTES**
- LAYOUT AND DETAILS SHOWN ARE CONCEPTUAL ONLY AND TO BE CONFIRMED DURING DETAILED DESIGN PHASE.
 - ROADWAY LIGHTING TO BE CONFIRMED DURING DETAILED DESIGN PHASE.

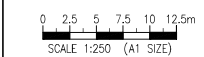
DETAIL 2
SCALE 1:250 51

LEGEND

- ROADWAY
- PEDESTRIAN PATHWAY
- PROPOSED FERRY RAMP
- TOLL BOOTH
- ROAD SIGN
- BOLLARD FOR LANE SEPARATION (OR APPROVED EQUIVALENT)

LEGEND (cont.)

- PROPOSED BOLT ON DIVIDING KERB (OR APPROVED EQUIVALENT)
- PROPOSED SPEED HUMP
- PROPOSED ELECTRICAL CONDUIT
- PROPOSED WATER SERVICE
- PROPOSED SPARE CONDUITS



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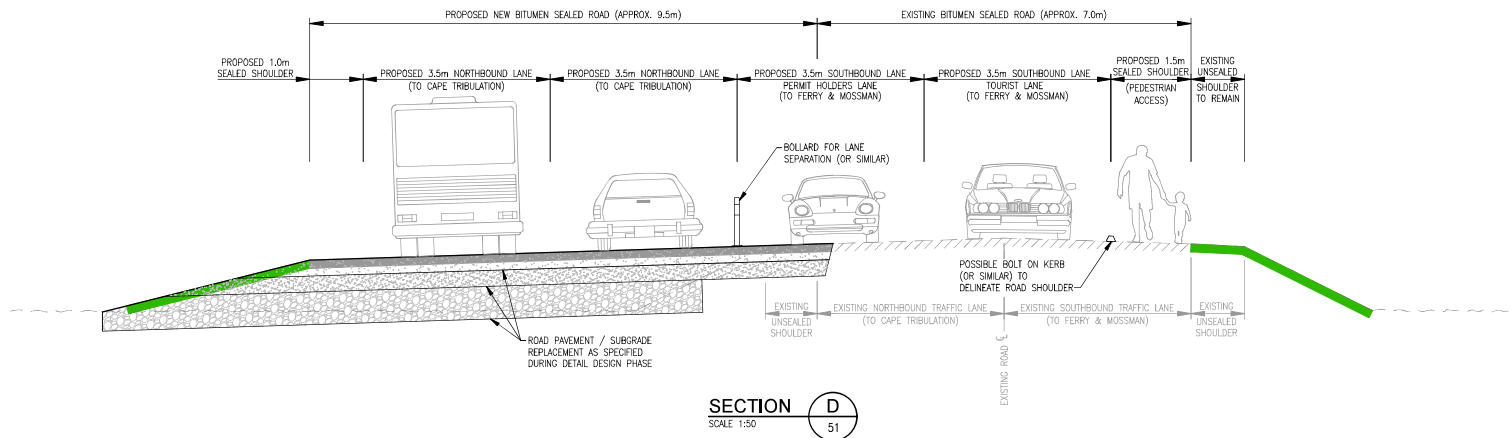
Client DOUGLAS SHIRE COUNCIL			
Project DANTRIE RIVER FERRY PRIORITY LANES			
Title NORTHERN SIDE - OPTION 4 LOADING AND UNLOADING AREA			
JOB No. 1508	Scale (A1 size) AS SHOWN	Date 10 MAY 2024	Drawing No. FIGURE 1508-52
			Revision A

**PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE**



SARA ref: 2510-48963 SRA

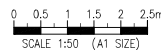
Date: 28 April 2026



NOTES

- LAYOUT AND DETAILS SHOWN ARE CONCEPTUAL ONLY AND TO BE CONFIRMED DURING DETAILED DESIGN PHASE.
- ROADWAY LIGHTING TO BE CONFIRMED DURING DETAILED DESIGN PHASE.

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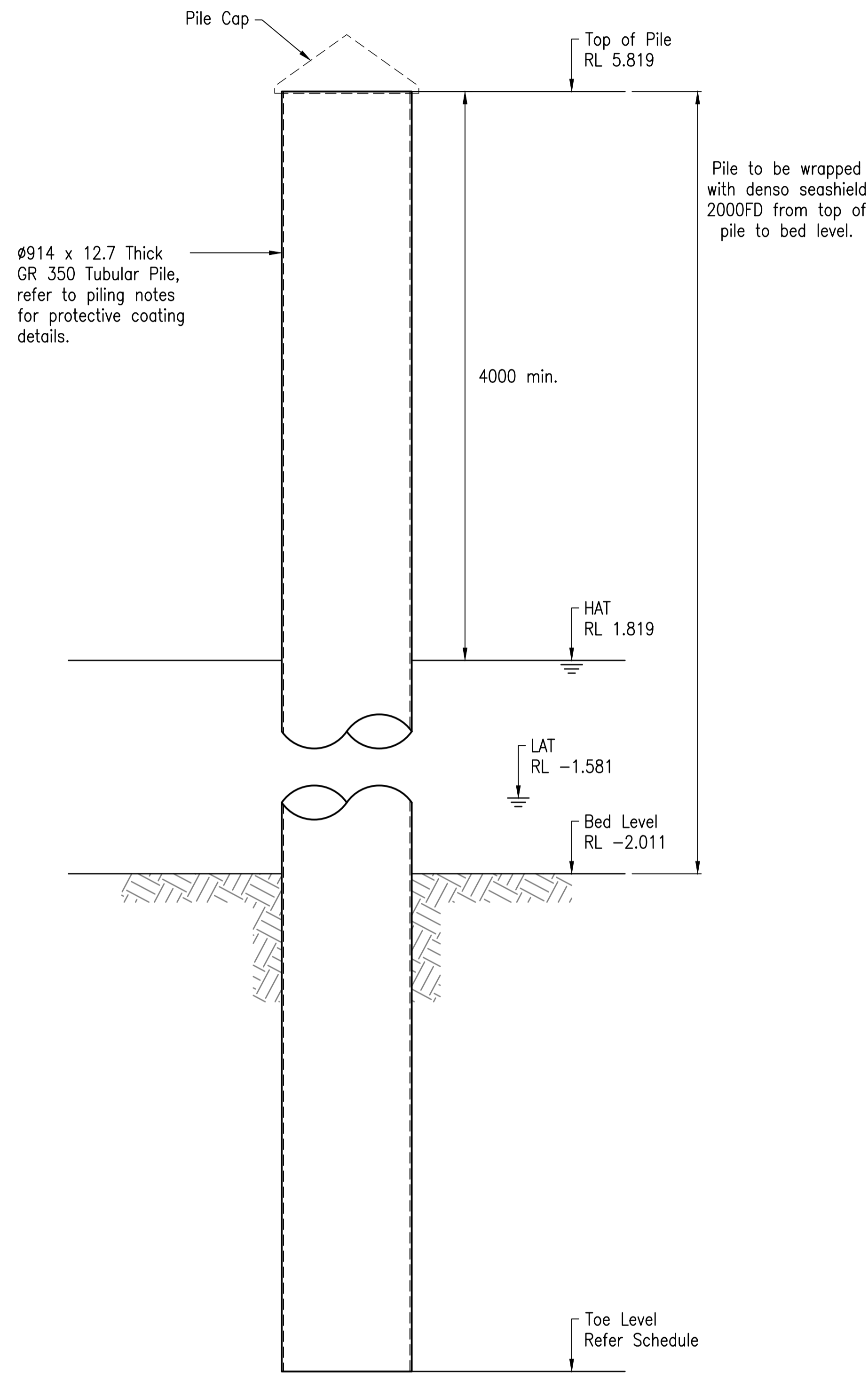


Client				DOUGLAS SHIRE COUNCIL			
Project				DAINTREE RIVER FERRY PRIORITY LANES			
Title				NORTHERN SIDE - OPTION 4 TYPICAL SECTIONS			
JOB No.	Scale (A1 size)	Date	Drawing No.	Revision			
1508	1:50	10 MAY 2024	FIGURE 1508-53	A			



SARA ref: 2510-48963 SRA

Date: 28 April 2026



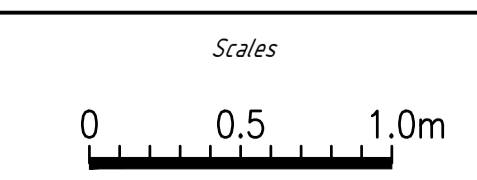
MOORING PILE ELEVATION
Scale 1:25

PILE SCHEDULE										
PILE MARK	EASTING	NORTHING	PILE SIZE	CUTOFF LEVEL	MIN. TOE LEVEL	CONTINGENCY ALLOWANCE	TOTAL LENGTH	ULS COMPRESSION	ULS TENSION	COMMENTS
	(m)	(m)		(m AHD)	(m AHD)	(m)	(m)	(kN)	(kN)	
P1	328775.011	8201591.437	914 dia. 12.7 thick gr. 350	5.8	-20	2	27.8	-	-	Mooring Pile south

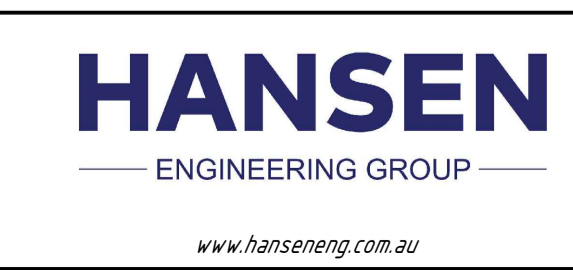
PILING NOTES

- All locations are preliminary only and to be coordinated with ferry supplier and operator prior to construction
- All piles shall be grade 350 welded tubular steel piles to AS3678.
- All piles must be driven to achieve the design loads & minimum embedments of not less than the values shown in the Piling Schedule.
- The Piling Contractor shall engage a suitably qualified geotechnical engineer RPEQ to supervise and certify piling works.
- For the purposes of preliminary design, a geotechnical strength reduction factor (phi_g) of 0.5 has been assumed. The piling contractor's RPEQ may vary the adopted value of phi_g based on the level of testing, supervision, and ground conditions encountered during works.
- At least one pile per pile group shall be tested with PDA and PDM for the full depth of driving. Pile P1 (Mooring Pile) shall be tested.
- Estimated founding levels shown in the Piling Schedule are approximate values only. A 2m overdrive allowance has been included. The Piling Contractor shall perform their own assessment and may increase or decrease the overdrive/contingency allowance to suit their proposed construction method.
- All piles shall be coated with the following marine protective coating system or an approved equivalent:
 - Abrasive blast clean to AS 1627.4 Class 2.5 finish.
 - Apply two coats of International Marine Coatings Interzone 954 to 500 microns DFT total from top of pile to at least 1m below bed/ground level or 1m below LAT (whichever is lower).
 - Apply Denso SeaShield 2000FD from top of pile to bed/ground level.
- Positional tolerance for all piles shall be +/- 75mm. If final positions are outside of tolerance, refer to Engineer for advice.
- Any alternative pile designs shall be certified by the Piling Contractor's RPEQ and submitted to the Administrator for approval.
- Pile locations are preliminary only and to be coordinated with the vessel manufacturer and operator prior to construction.
- Refer to existing pile inspection report by PMG, reference 6139/FD78_Final Report. Existing piles shall be inspected and repaired, including as a minimum:
 - Remove all flaking or delaminating paint or other protective coatings and prepare surfaces for new coatings.
 - Path weld 10 mm thick plates over holes or other defects with more than 0.5mm section loss with 6mm CFW, full perimeter. Plate shall extend at least 50 mm beyond all defects in all directions.
 - Remove any corroded bolts, fixings, plates or attachments and replace with new like-for-life.
 - Apply new marine protective coating system as per notes above.

Rev	Description	By	Appd	Date
B	100% Submission	SR	TH	4/11/2025
A	70% Submission	PS	TH	4/11/2025



Client: DURACK CIVIL
Project: DAINTREE FERRY INFRASTRUCTURE UPGRADE
Drawing Title: PILE SCHEDULE AND DETAILS - SHEET 1 / 1



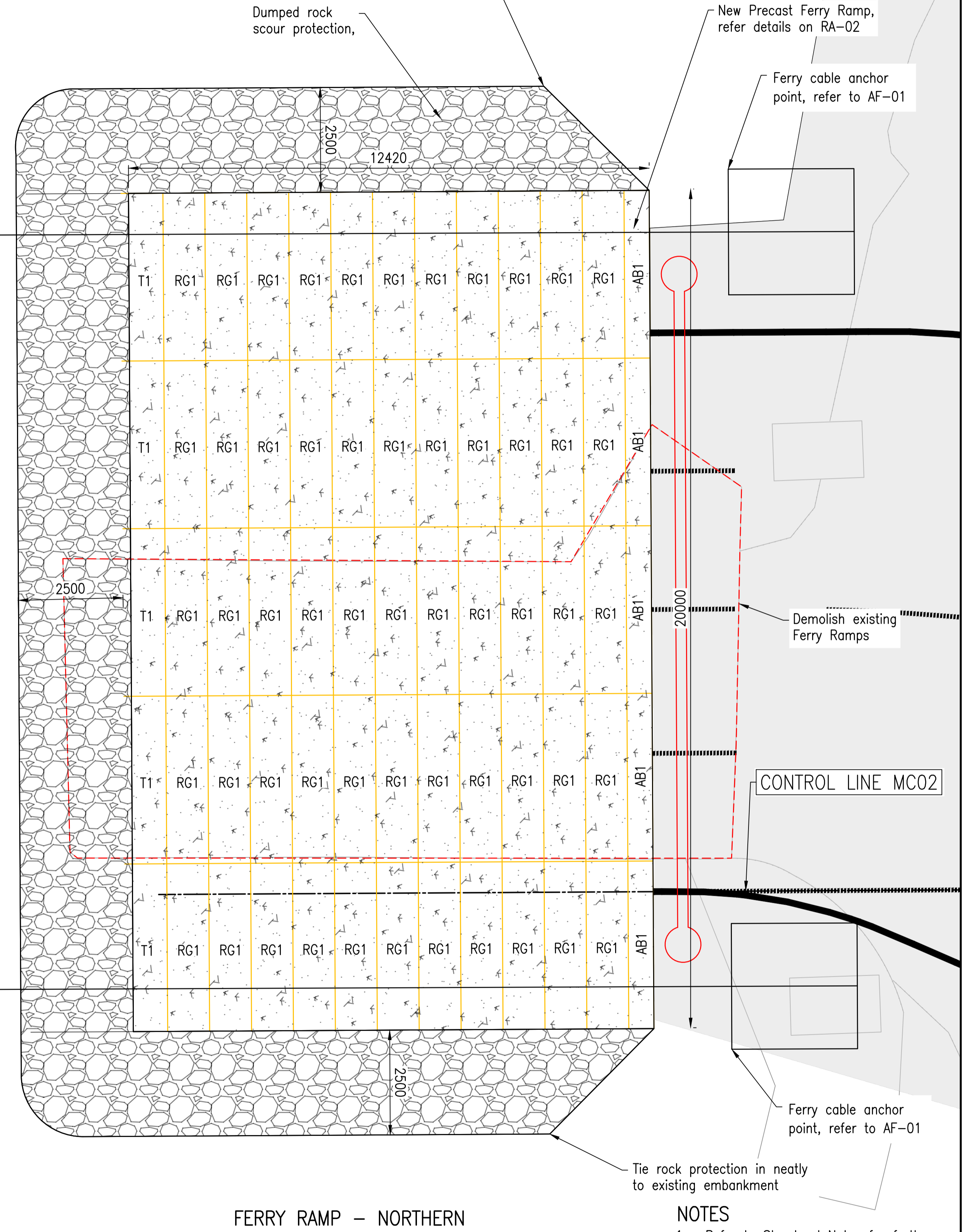
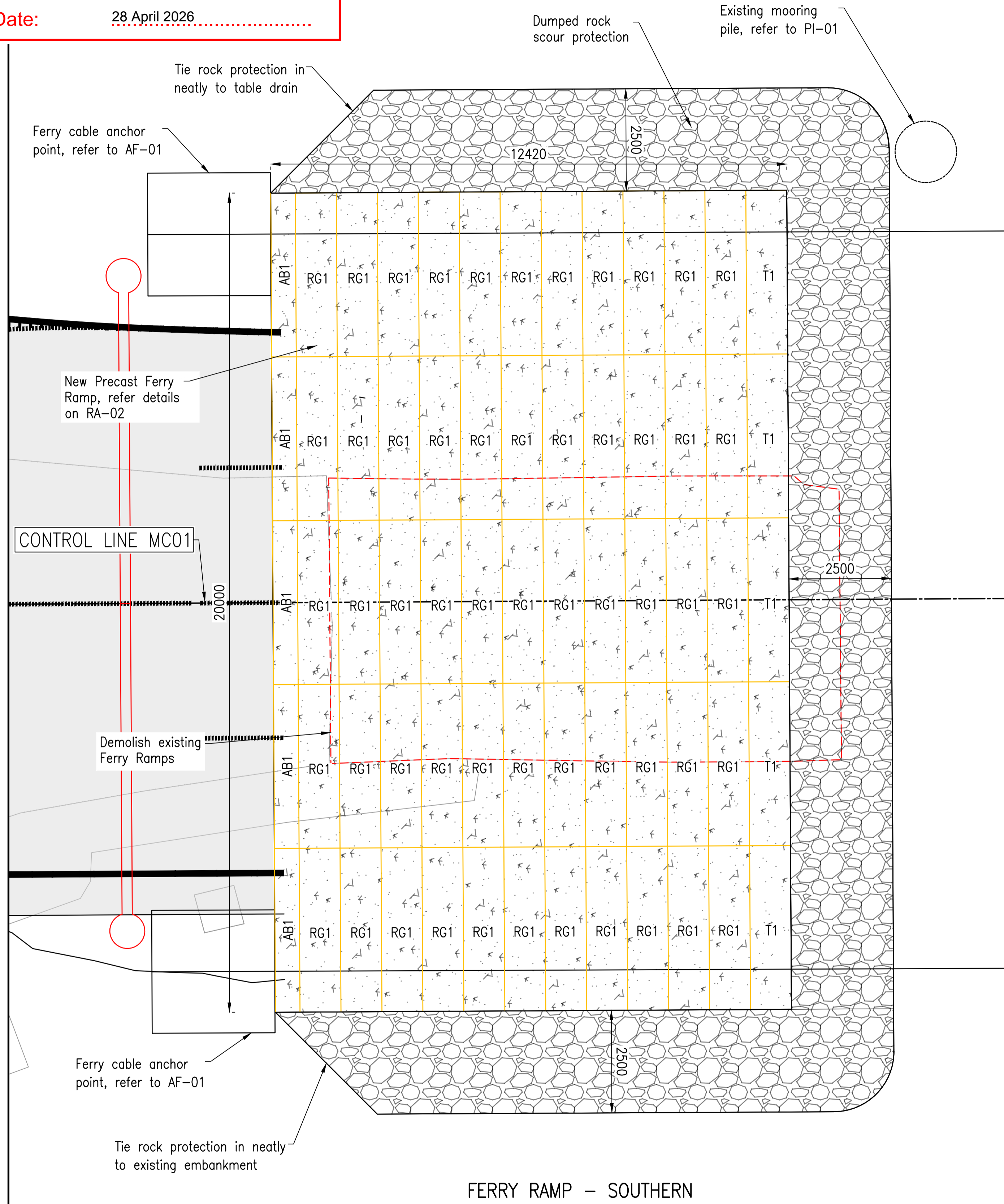
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Drawn	SR
Date	18/12/2025
Checked	NH
Approved	TH
RPEQ No.	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-S02-PI-01
Revision	B



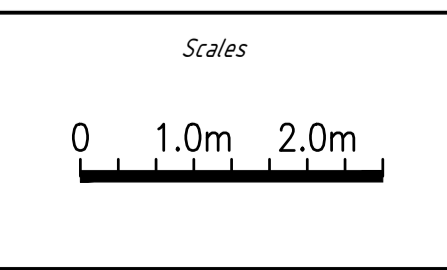
SARA ref: 2510-48963 SRA

Date: 28 April 2026

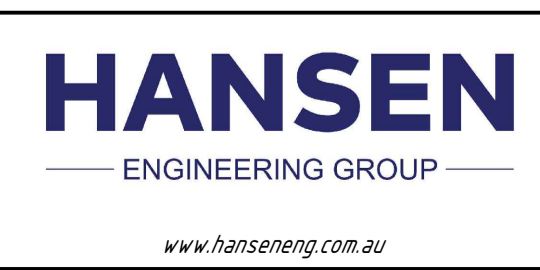


NOTES
1. Refer to Structural Notes for further requirements.

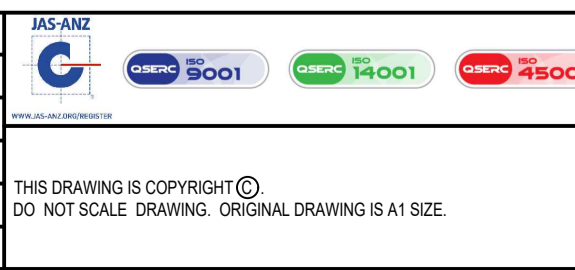
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B	100% Submission	SR	TH	4/11/2025
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AMENDMENTS				



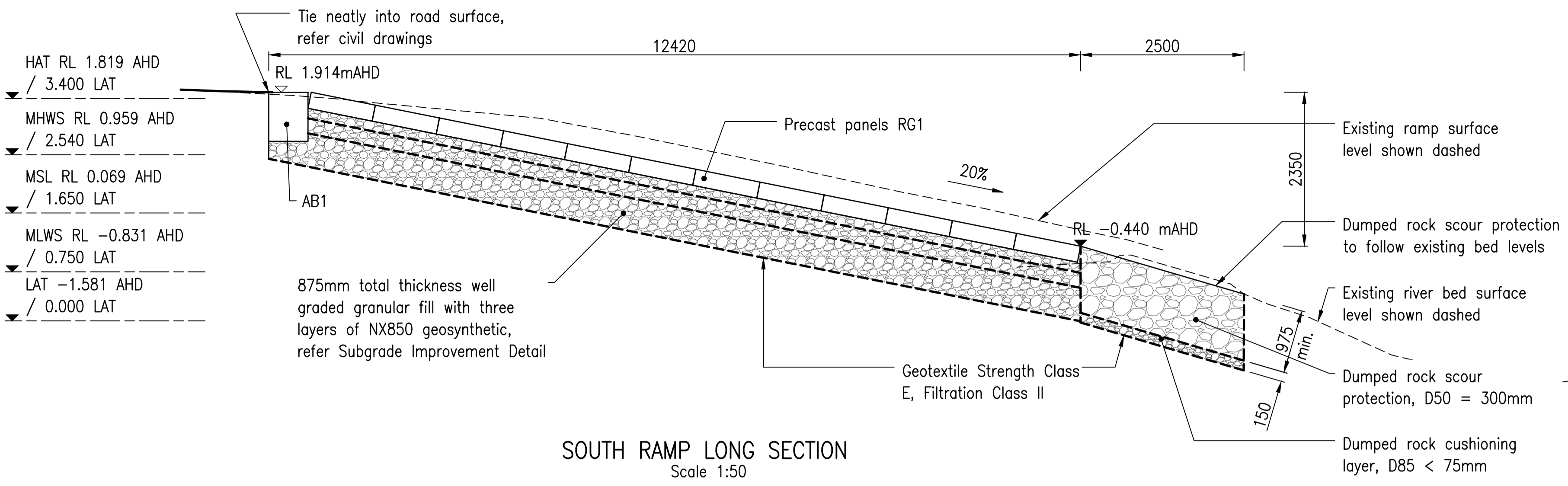
Client: DURACK CIVIL
Project: DAINTREE FERRY INFRASTRUCTURE UPGRADE
Drawing Title: RAMP LAYOUT PLAN - SHEET 1 / 2



Design	TH
Drawn	SR
Date	18/12/2025
Checked	NH
Approved	TH
RPEQ No.	

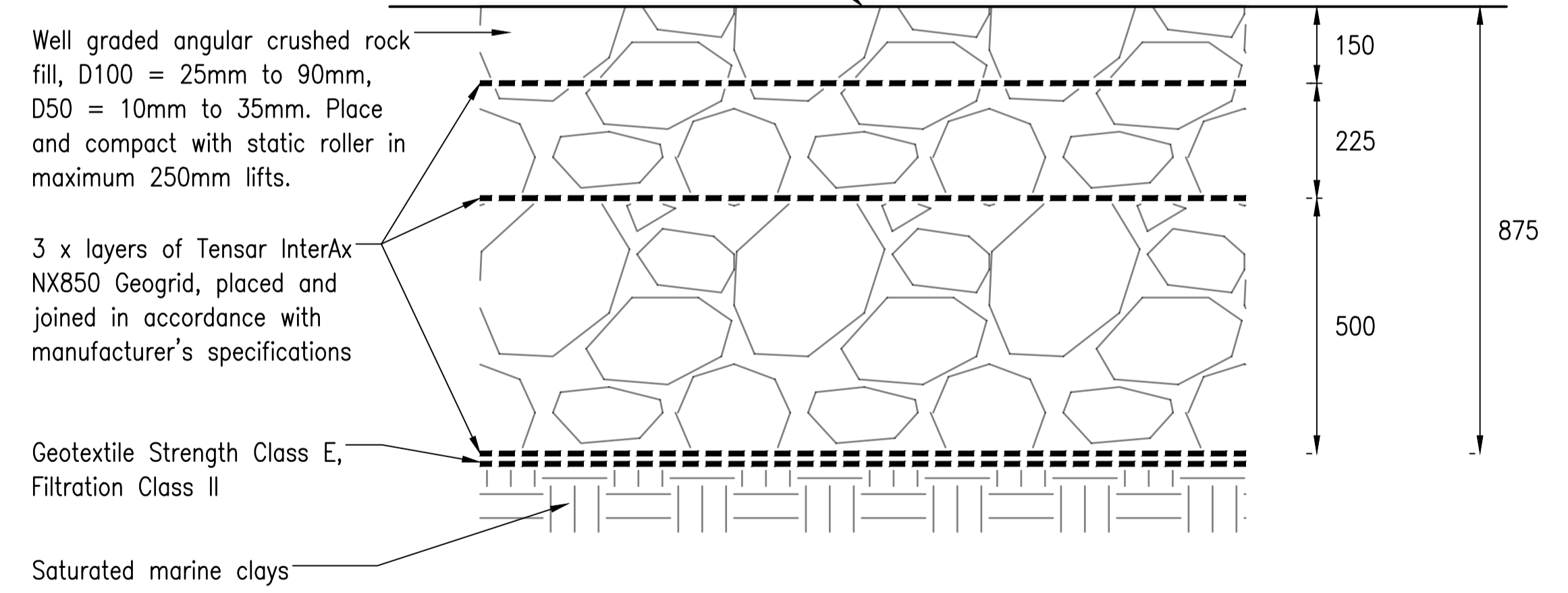
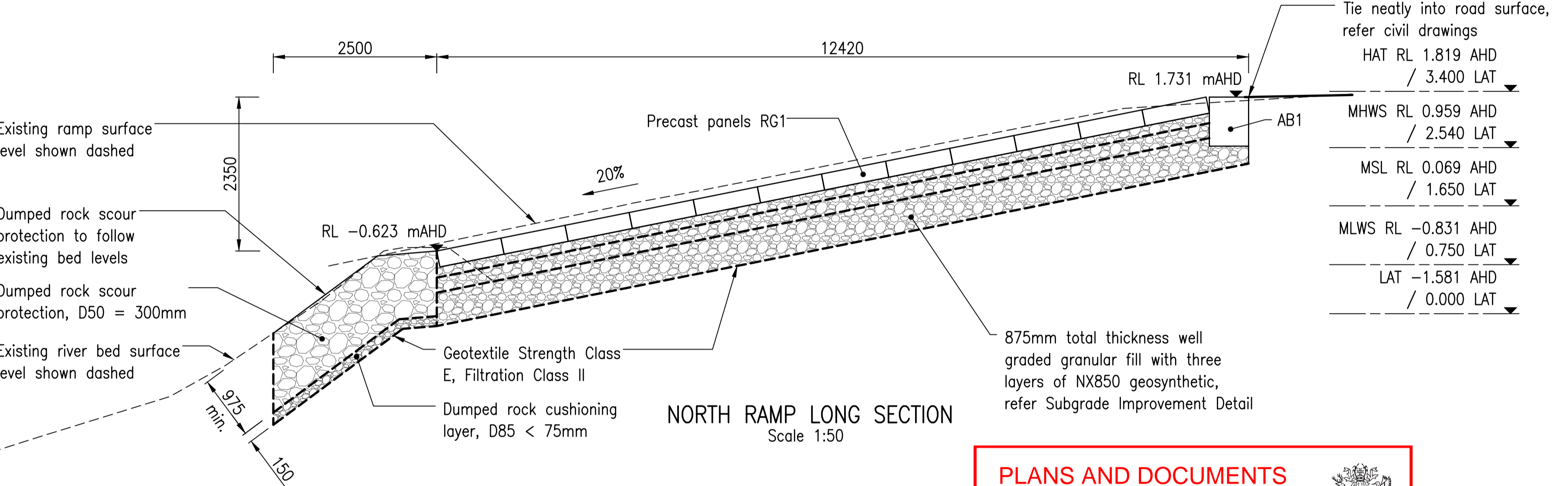


DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-S03-RA-01
Revision	B



NOTES

- Refer to Structural Notes for further requirements.
- Pre-cast planks shall be generally as per TMR Std Dwgs:
 - SD4000
 - SD4030
 - SD4032
- Except depth, reinforcement, and link bars as shown.
- All reinforcement shall be hot dipped galvanised.
- All inserts and link bars shall be stainless steel Gr316 and all bolts shall be stainless steel GrA4-80
- Any voids or annulus around AB1 shall be grout-filled insitu after installation and prior to adjacent planks being connected, to ensure adequate bond with ground.

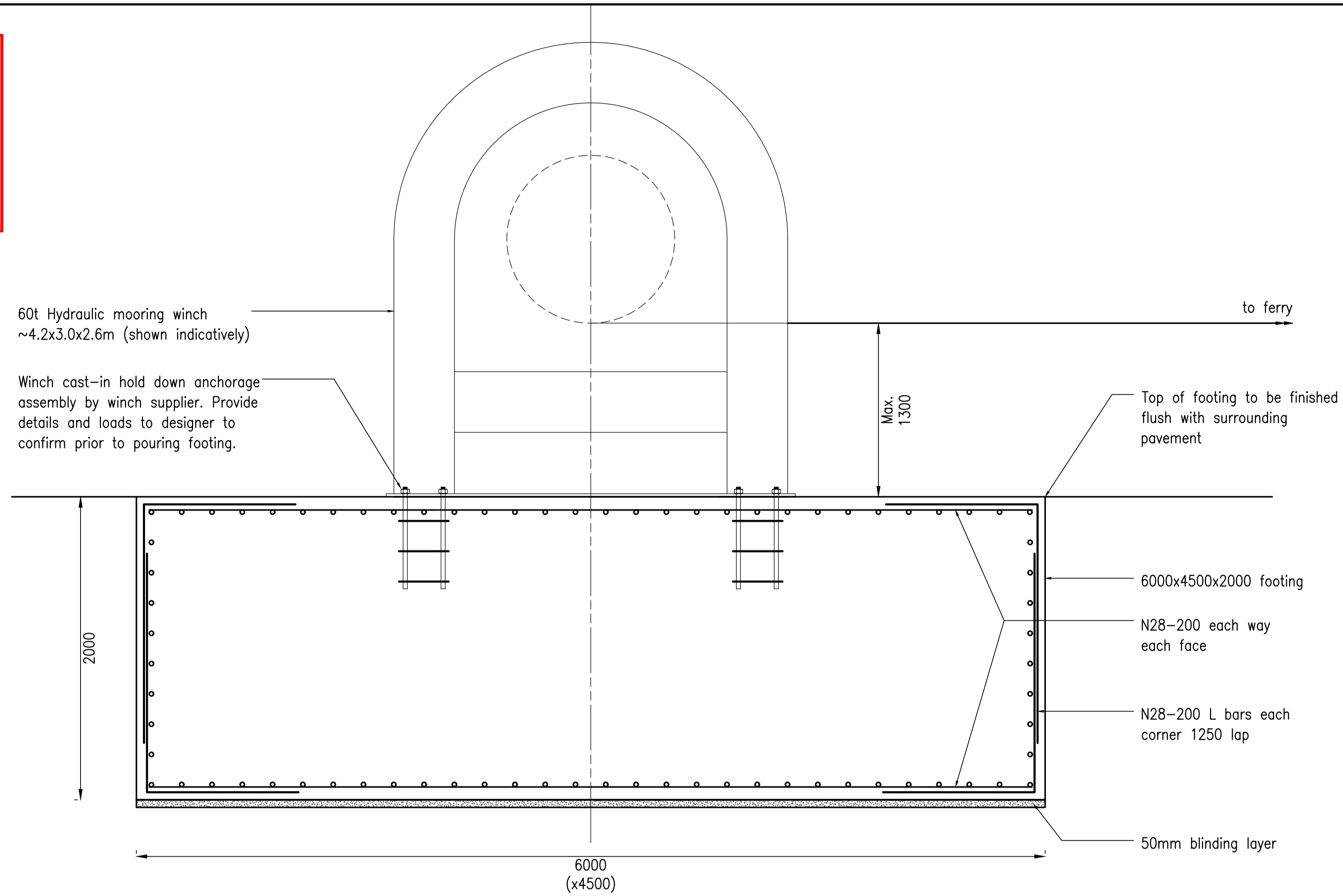


**PLANS AND DOCUMENTS
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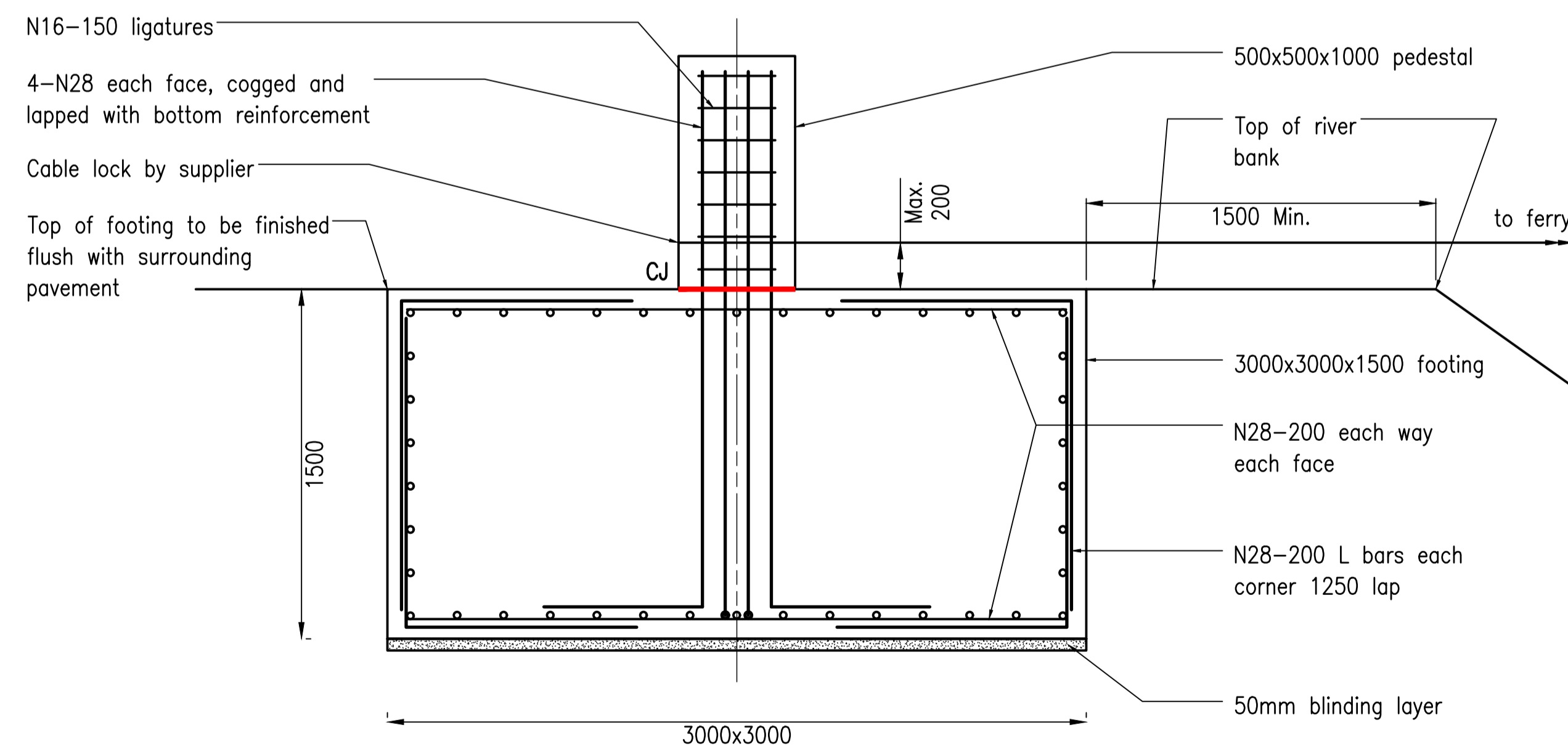


SARA ref: 2510-48963 SRA

Date: 28 April 2026



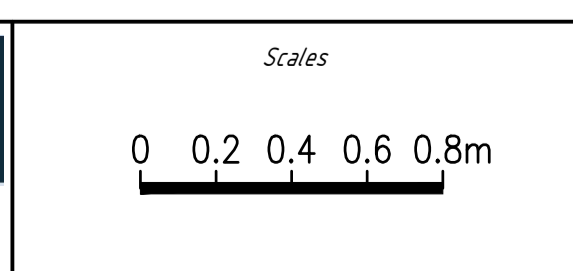
DRY DOCK INSPECTION ANCHOR FOOTING
Scale 1:20



CABLE ANCHOR FOOTING
Scale 1:20

- NOTES**
1. Refer to Structural notes for further requirements.
 2. Locations and loads for anchor points must be confirmed with ferry manufacturer and operator prior to construction.

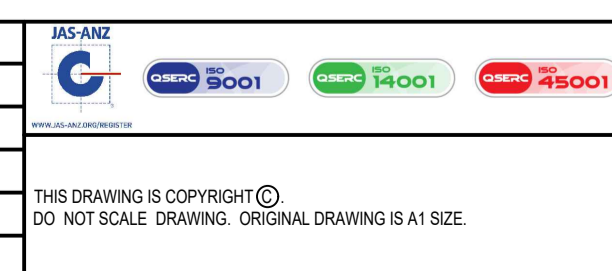
Rev	Description	By	Appd	Date
B	100% Submission	SR	TH	4/11/2025
A	70% Submission	PS	TH	4/11/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY INFRASTRUCTURE UPGRADE
Drawing Title:	ANCHOR FOOTING DETAILS



Design	TH
Drawn	SR
Date	18/12/2025
Checked	NH
Approved	TH
RPEQ No.	

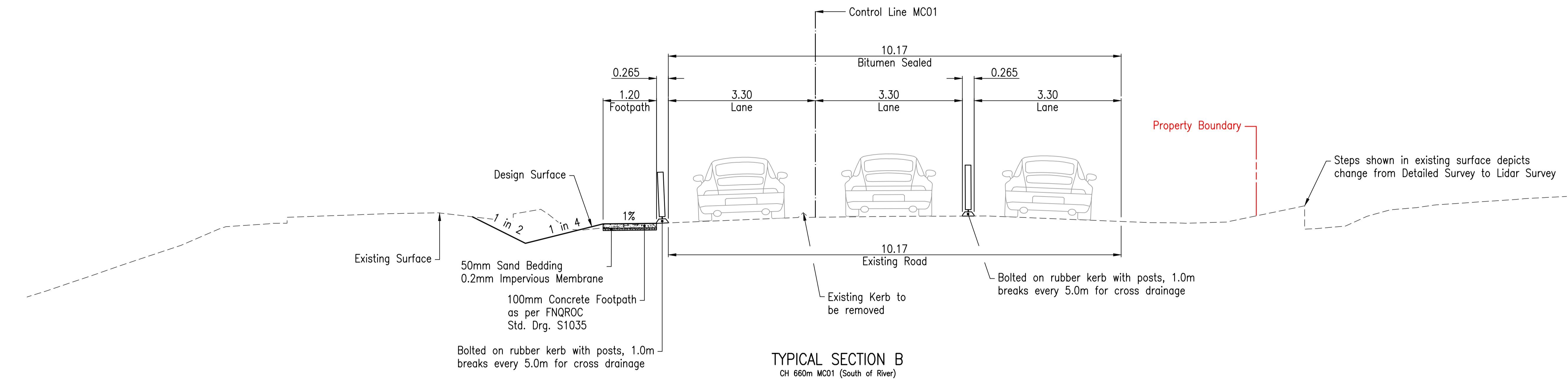
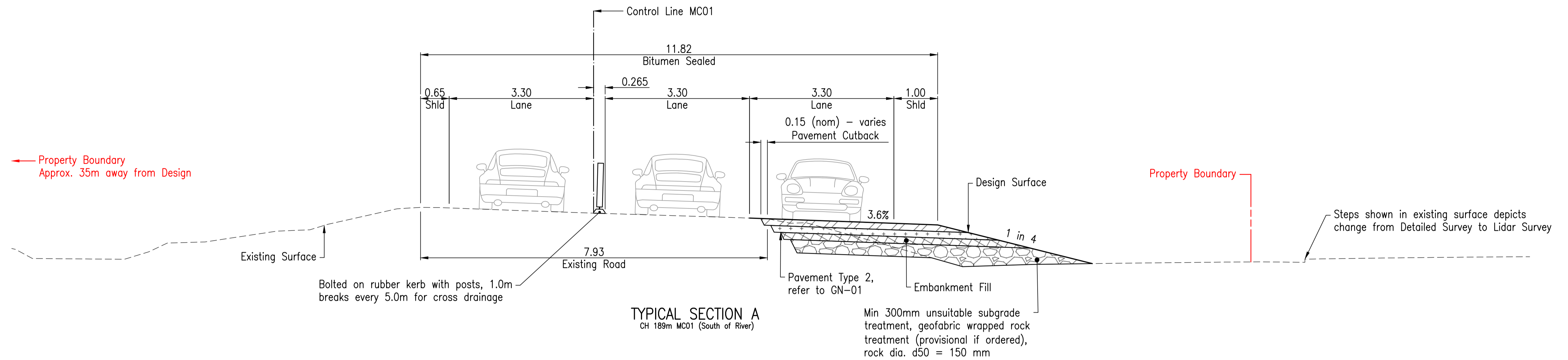


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Job Number	25019
Drawing Number	25019-HEG-S06-AF-01
Revision	B

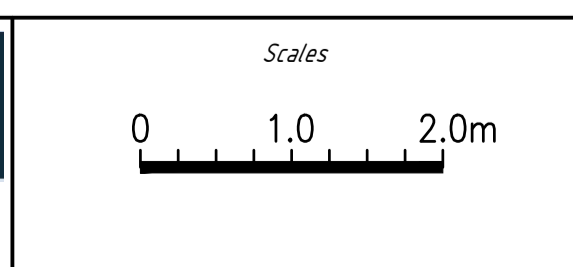


SARA ref: 2510-48963 SRA.....

Date: 28 April 2026.....



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: TYPICAL CROSS SECTIONS - SHEET 1 / 3



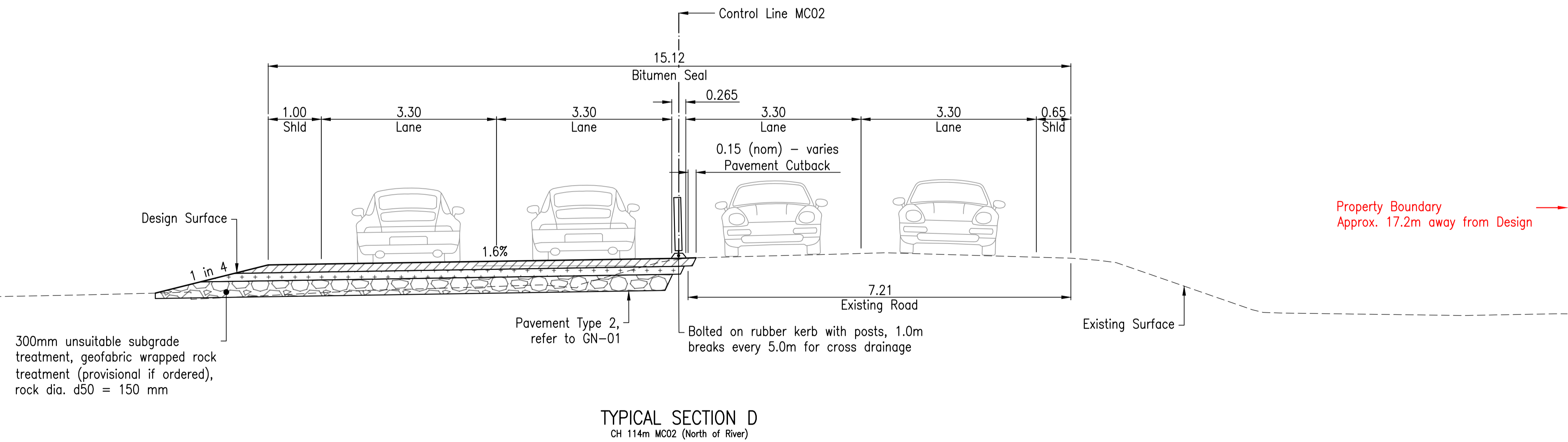
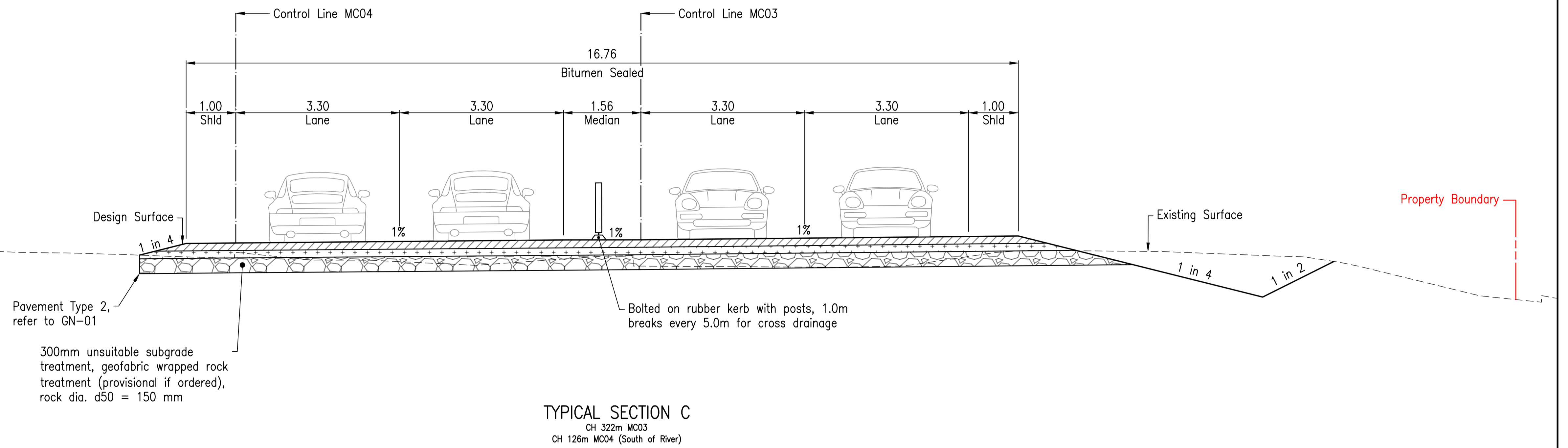
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Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

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Drawing Number	25019-HEG-C03-TS-01
Revision	C

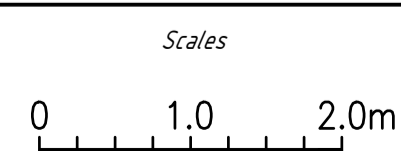


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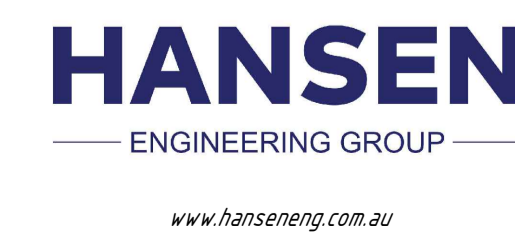
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A	30% Submission	PS	ES	19/09/2025
Rev	Description	By	Appd	Date
AMENDMENTS				



Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: TYPICAL CROSS SECTIONS - SHEET 2 / 3



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

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Drawing Number	25019-HEG-C03-TS-02
Revision	C

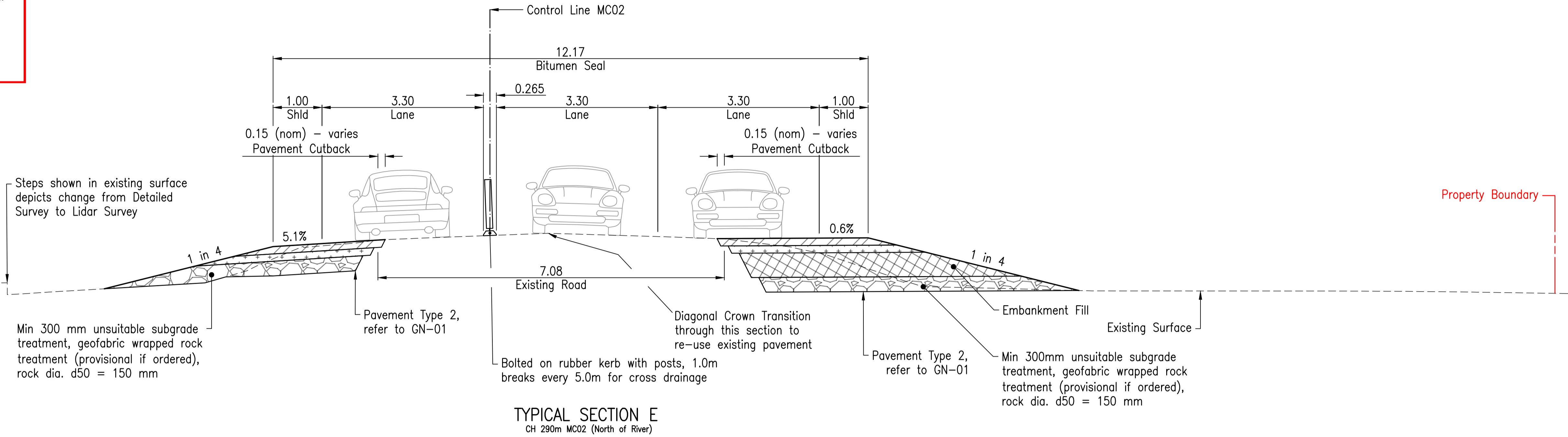
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AGENCY RESPONSE



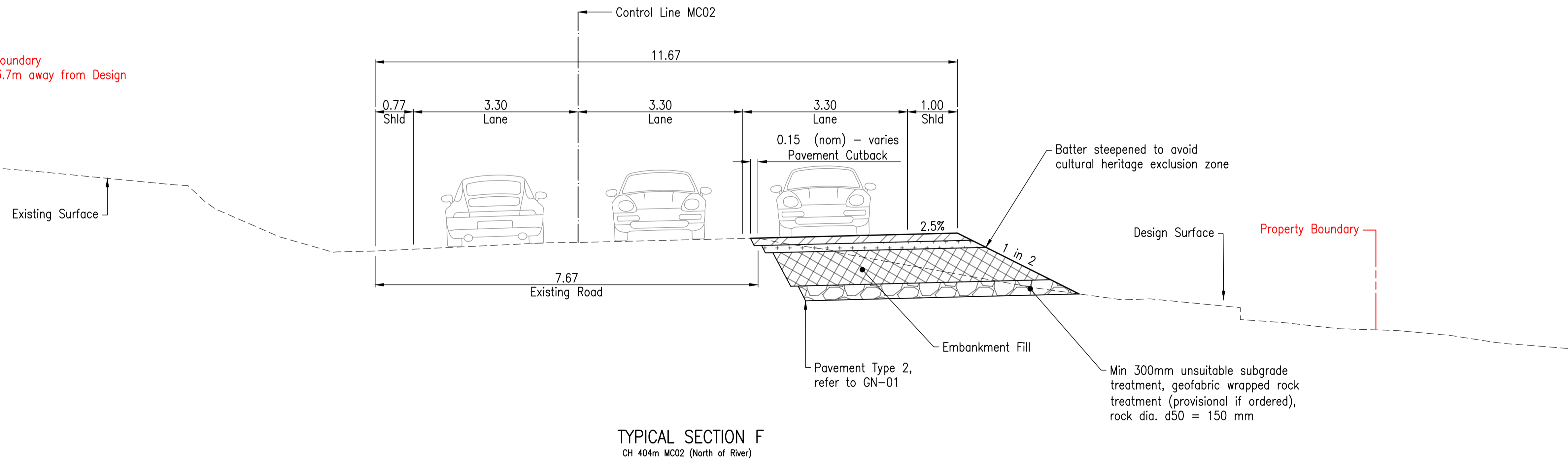
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Date: 28 April 2026

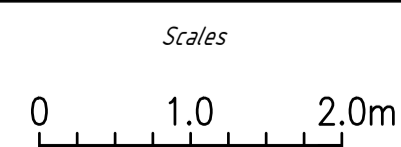
← Property Boundary
Approx. 10.6m away from Design



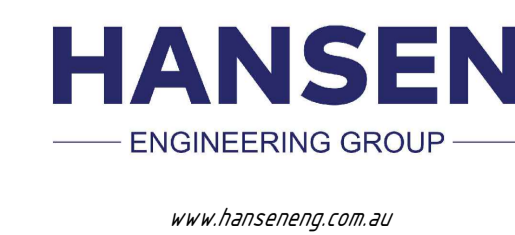
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Rev	Description	By	Appd	Date
A	100% Submission	PS	ES	18/12/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	TYPICAL CROSS SECTIONS - SHEET 3 / 3



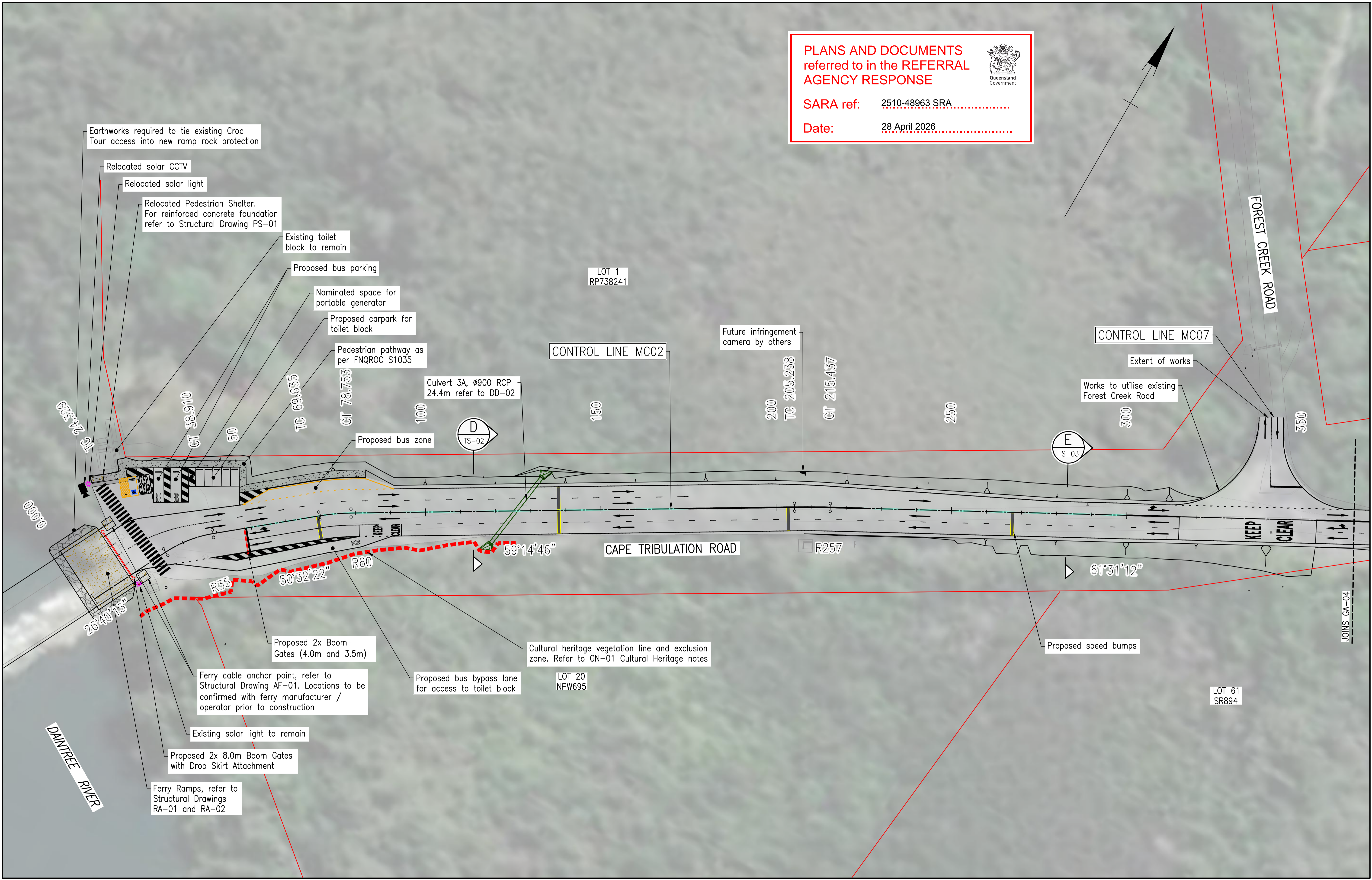
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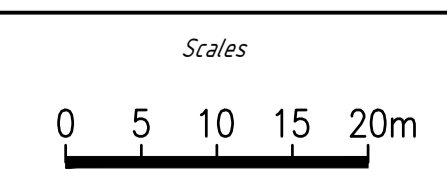
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Revision	A

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

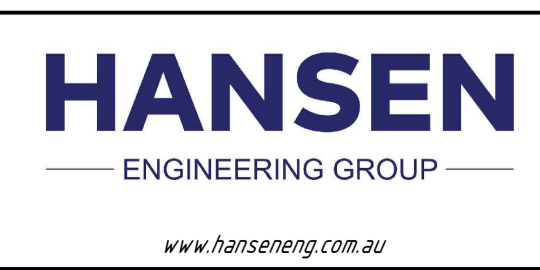
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Date: 28 April 2026.....



Rev	Description	By	Appd	Date
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B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: GENERAL ARRANGEMENT - SHEET 3 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

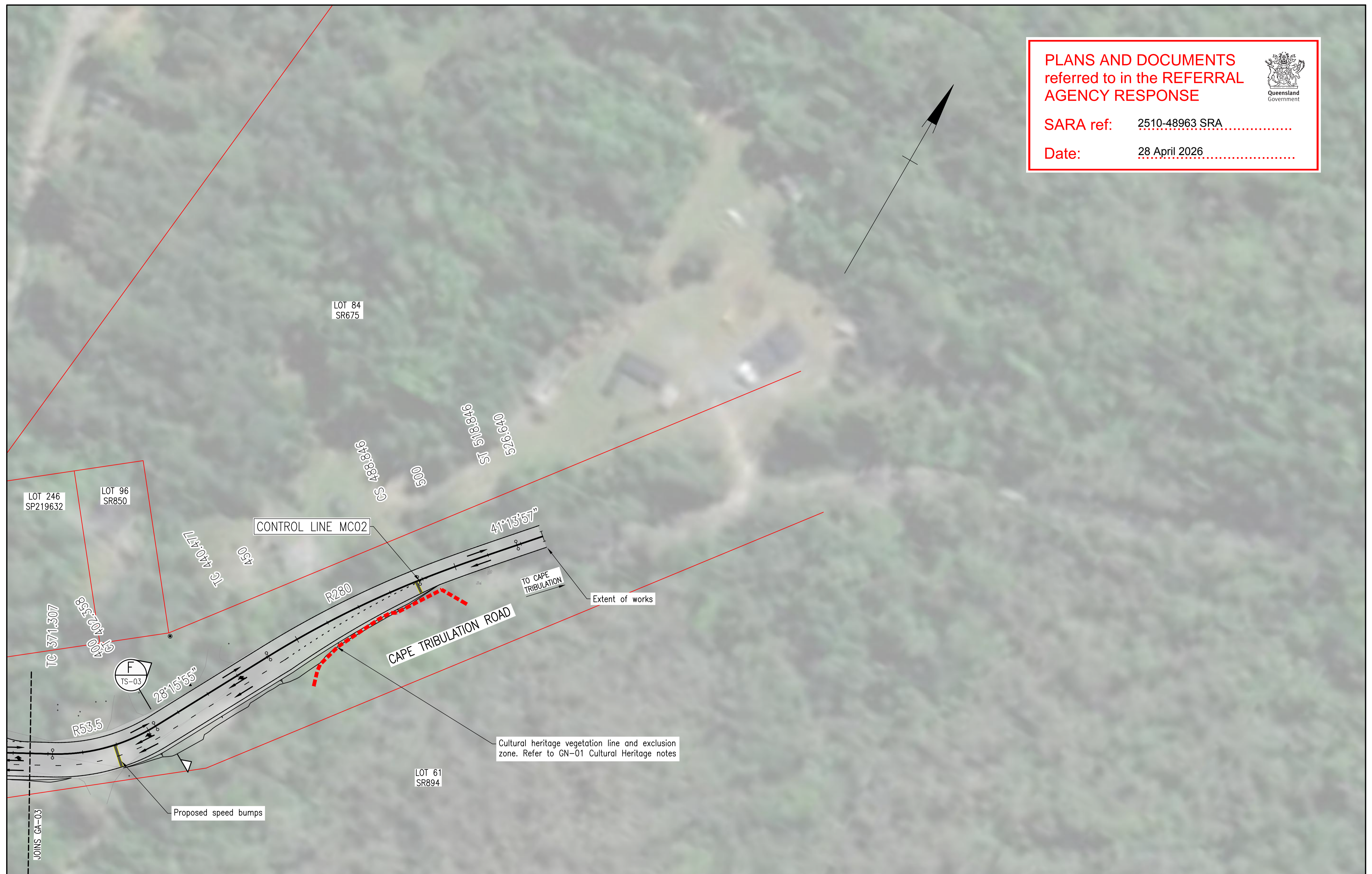
DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-03
Revision	C

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

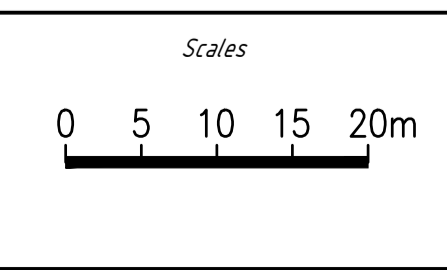


SARA ref: 2510-48963 SRA

Date: 28 April 2026



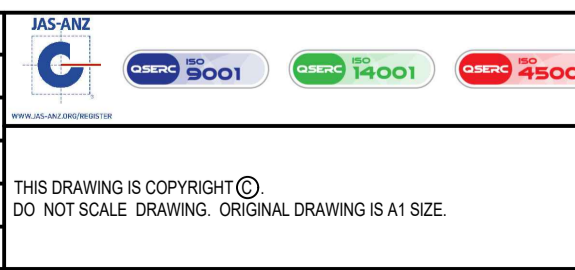
Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client: DURACK CIVIL
 Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
 Drawing Title: GENERAL ARRANGEMENT - SHEET 4 / 4



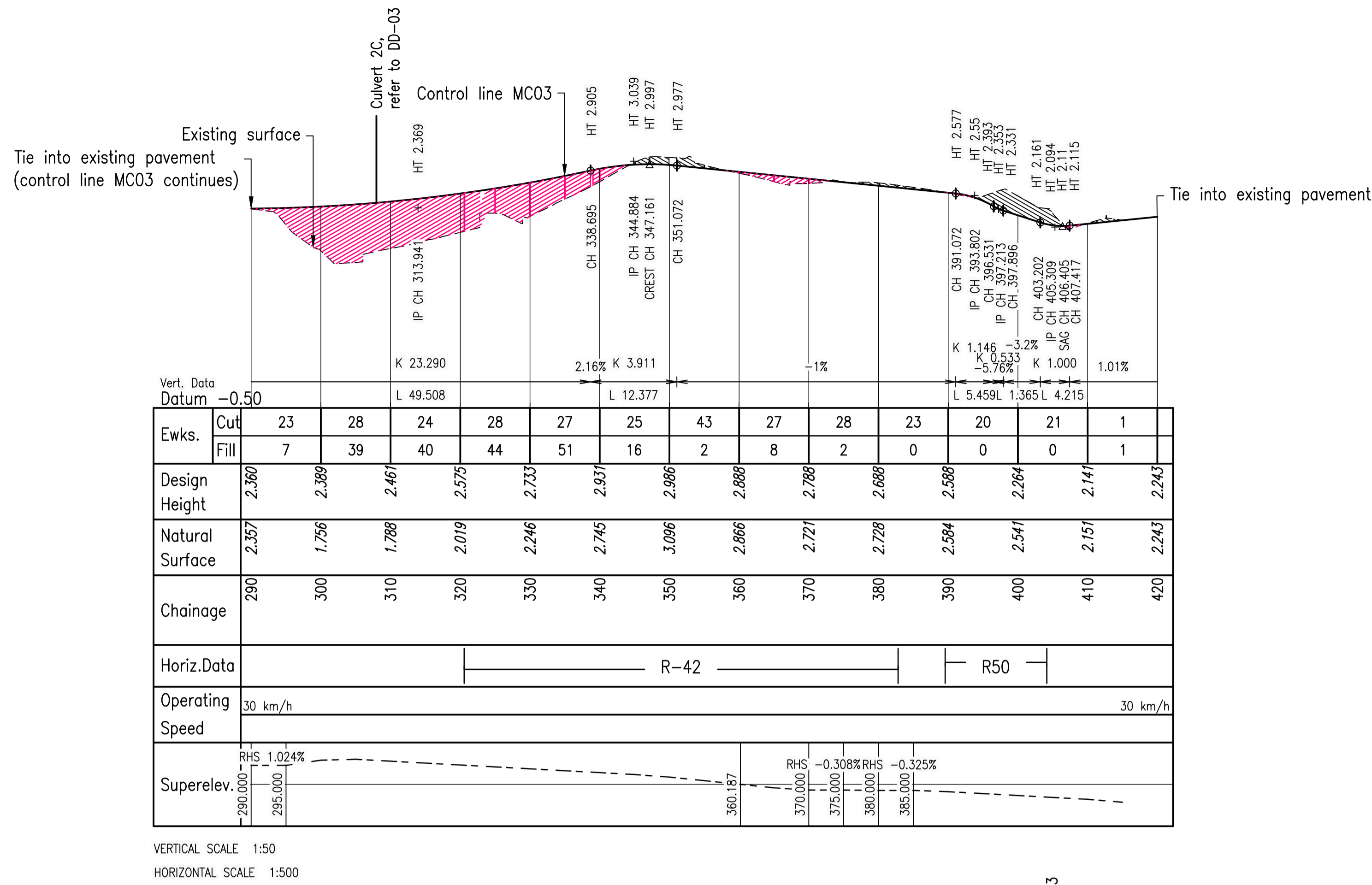
Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-04
Revision	C

NOTES

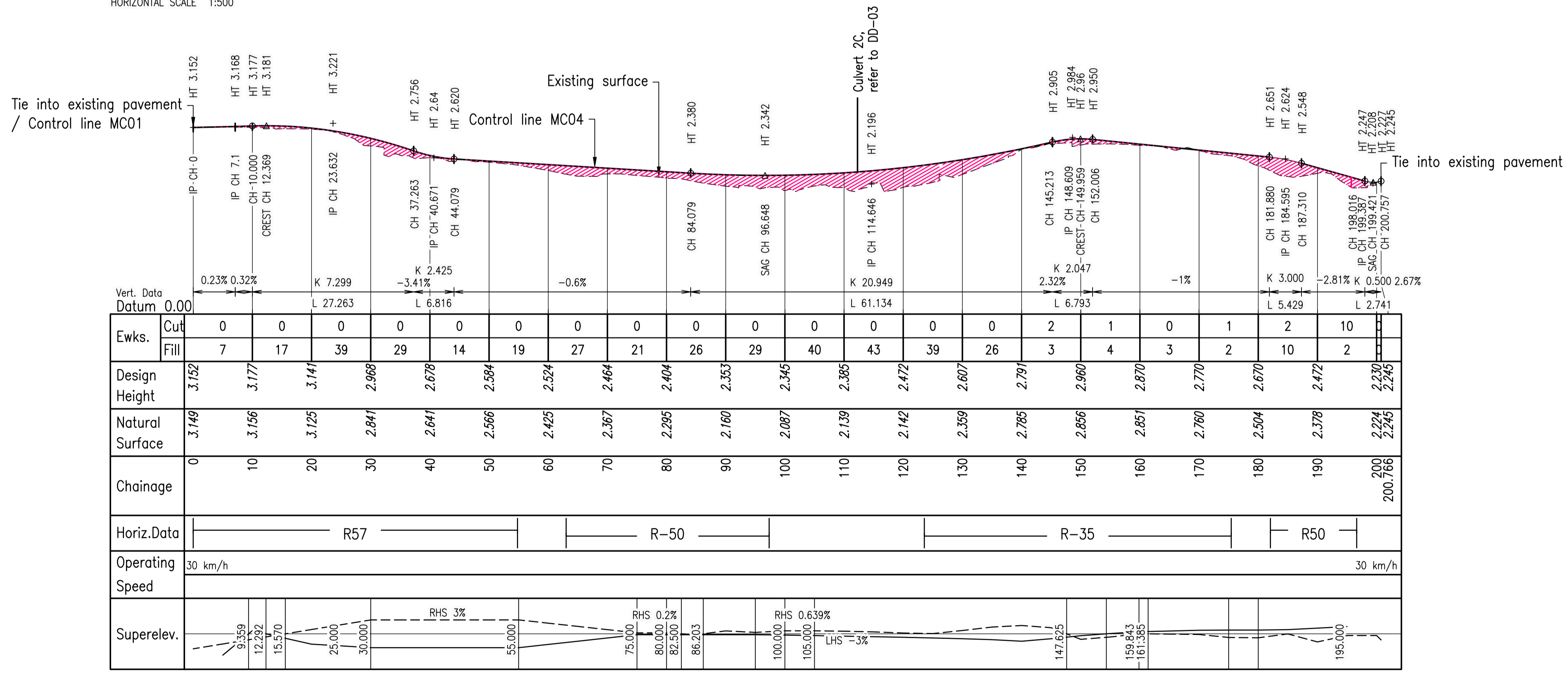
1. Earthworks cut and fill shown in the long sections are to the design surface and does not consider pavement subgrade, and are therefore indicative only.



PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



Rev	Description	By	Appd	Date
A	100% Submission	PS	ES	18/12/2025
AMENDMENTS				

DURACK

Scales
0 5 10 15 20m

Client: DURACK CIVIL
Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title: MC03 & MC04 LONG SECTIONS - SHEET 1 / 1

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Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEO No.	

DETAILED DESIGN

Job Number
25019

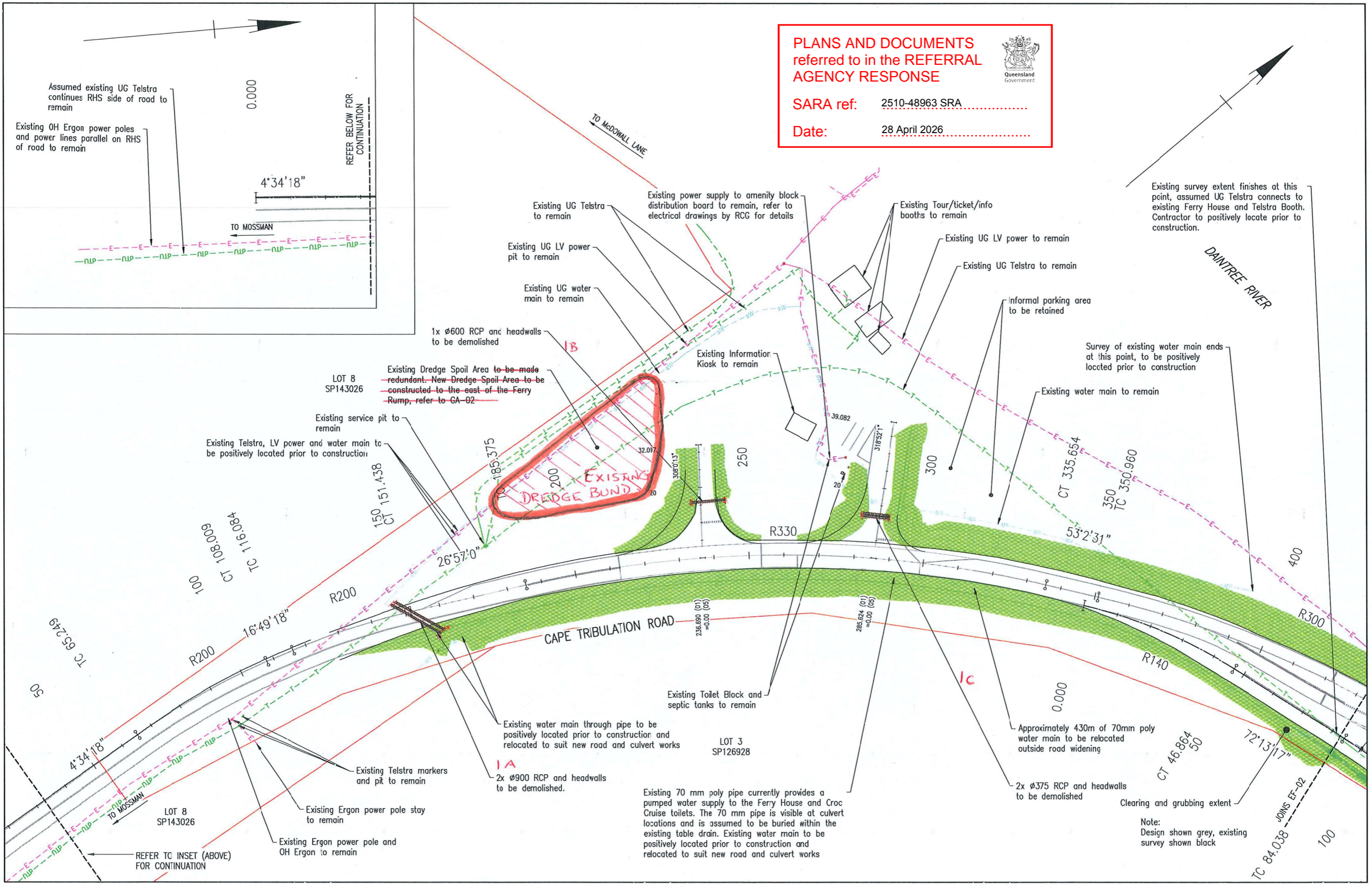
Drawing Number
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Revision
A

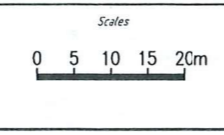
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA.....

Date: 28 April 2026.....



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client: DURACK CIVIL

Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE

Drawing Title: EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 1 / 4



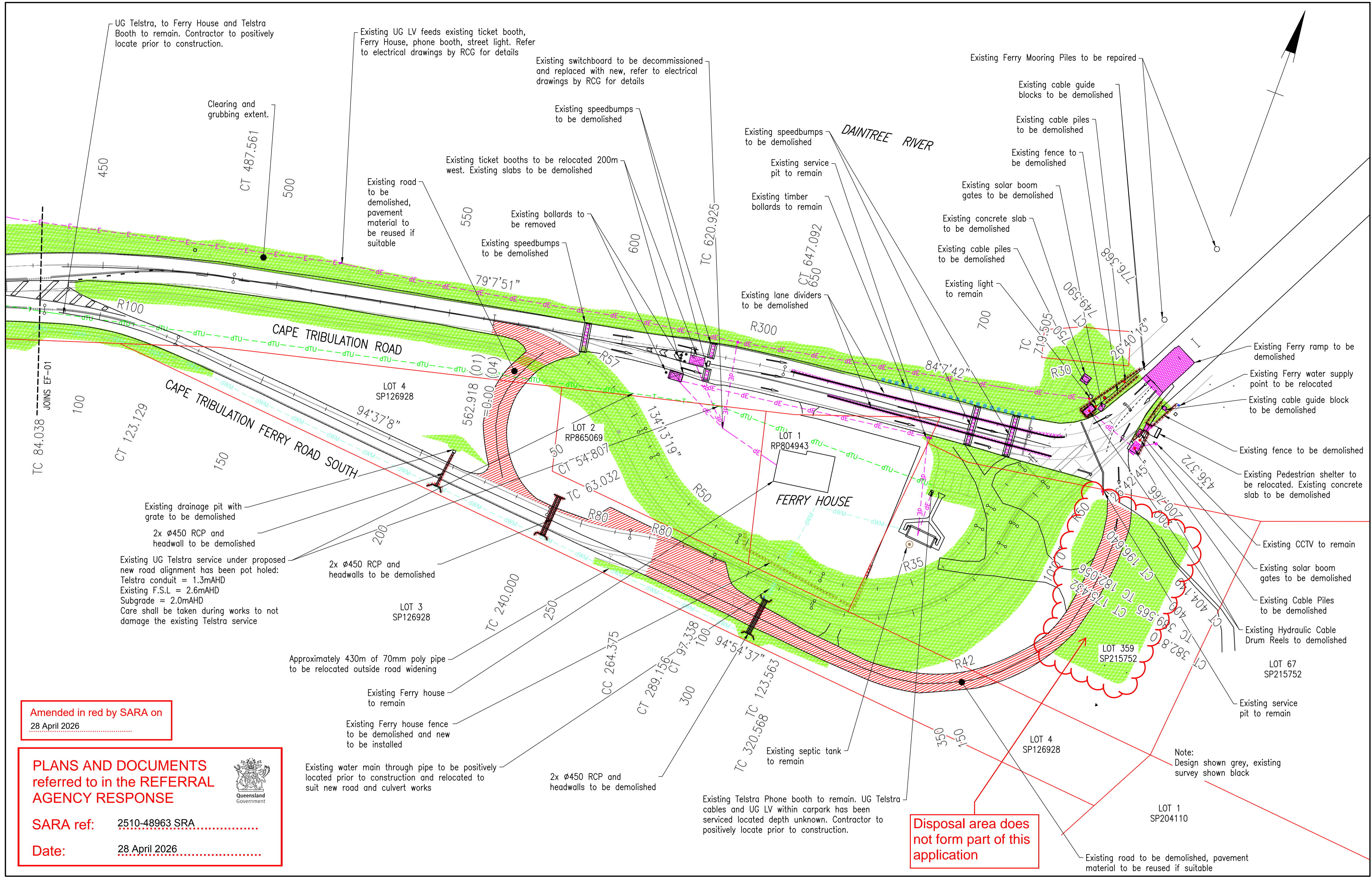
Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
FPED No.	

DETAILED DESIGN

Job Number: 25019

Drawing Number: 25019-HEG-C05-EF-01

Revision: C



UG Telstra, to Ferry House and Telstra Booth to remain. Contractor to positively locate prior to construction.

Existing UG LV feeds existing ticket booth, Ferry House, phone booth, street light. Refer to electrical drawings by RCG for details

Existing switchboard to be decommissioned and replaced with new, refer to electrical drawings by RCG for details

Clearing and grubbing extent.

Existing speedbumps to be demolished

Existing ticket booths to be relocated 200m west. Existing slabs to be demolished

Existing speedbumps to be demolished

Existing Ferry Mooring Piles to be repaired

Existing cable guide blocks to be demolished

Existing cable piles to be demolished

Existing fence to be demolished

Existing solar boom gates to be demolished

Existing concrete slab to be demolished

Existing cable piles to be demolished

Existing light to remain

Existing lane dividers to be demolished

Existing timber bollards to remain

Existing service pit to remain

Existing Ferry ramp to be demolished

Existing Ferry water supply point to be relocated

Existing cable guide block to be demolished

Existing fence to be demolished

Existing Pedestrian shelter to be relocated. Existing concrete slab to be demolished

Existing CCTV to remain

Existing solar boom gates to be demolished

Existing Cable Piles to be demolished

Existing Hydraulic Cable Drum Reels to be demolished

LOT 67 SP215752

Existing service pit to remain

Note: Design shown grey, existing survey shown black

LOT 1 SP204110

Existing road to be demolished, pavement material to be reused if suitable

Existing Telstra Phone booth to remain. UG Telstra cables and UG LV within carpark has been serviced located depth unknown. Contractor to positively locate prior to construction.

Disposal area does not form part of this application

Existing drainage pit with grate to be demolished

2x ø450 RCP and headwall to be demolished

Existing UG Telstra service under proposed new road alignment has been pot holed: Telstra conduit = 1.3mAHD Existing F.S.L = 2.6mAHD Subgrade = 2.0mAHD Care shall be taken during works to not damage the existing Telstra service

2x ø450 RCP and headwalls to be demolished

Approximately 430m of 70mm poly pipe to be relocated outside road widening

Existing Ferry house to remain

Existing Ferry house fence to be demolished and new to be installed

Existing water main through pipe to be positively located prior to construction and relocated to suit new road and culvert works

2x ø450 RCP and headwalls to be demolished

Amended in red by SARA on 28 April 2026

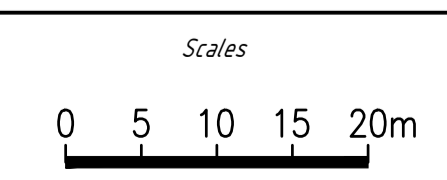
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 2 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEO No.	

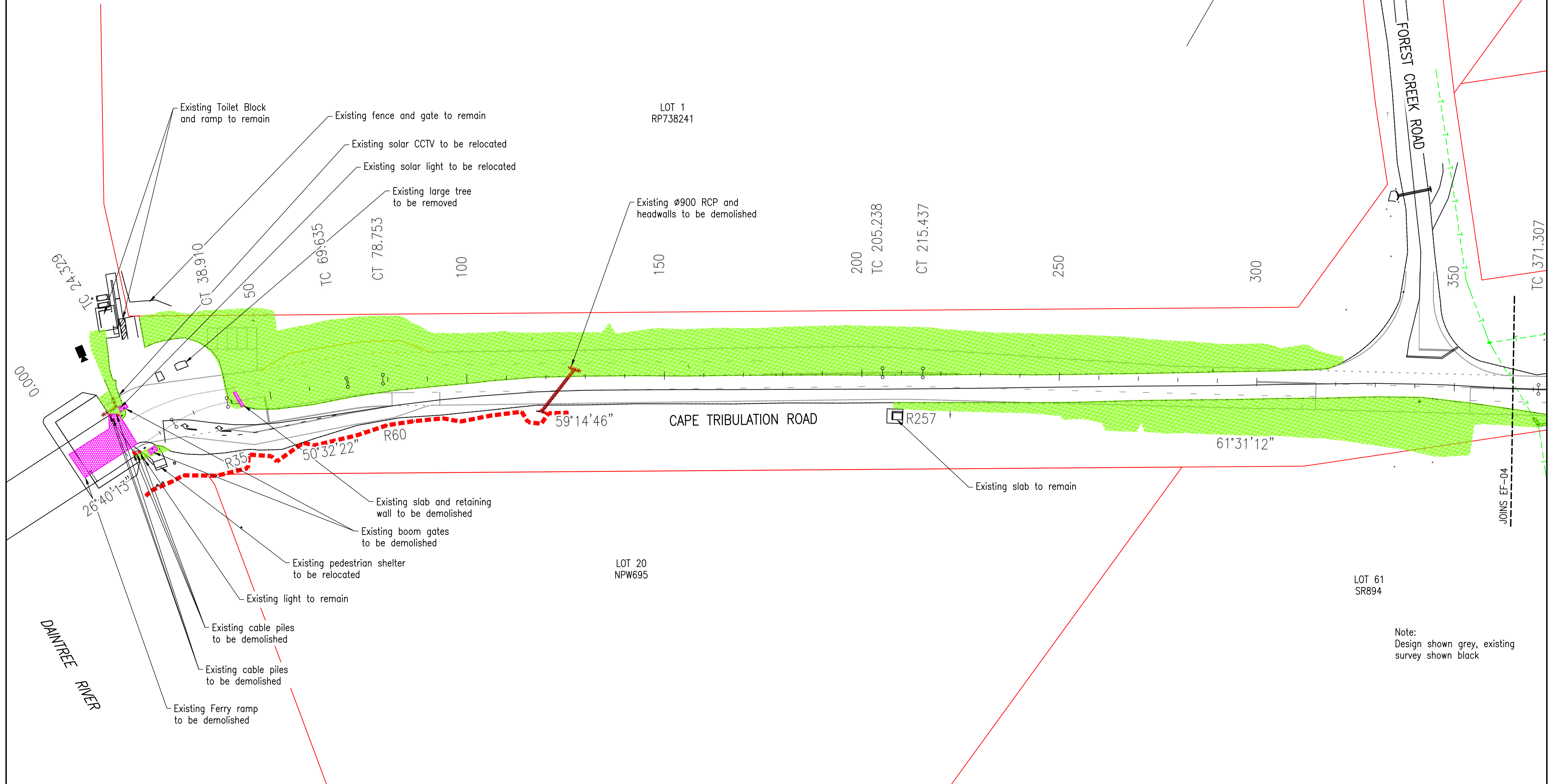
DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C05-EF-02
Revision	C

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE



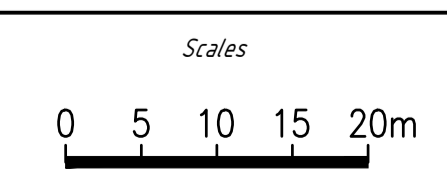
SARA ref: 2510-48963 SRA

Date: 28 April 2026



Note:
Design shown grey, existing
survey shown black

Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 3 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

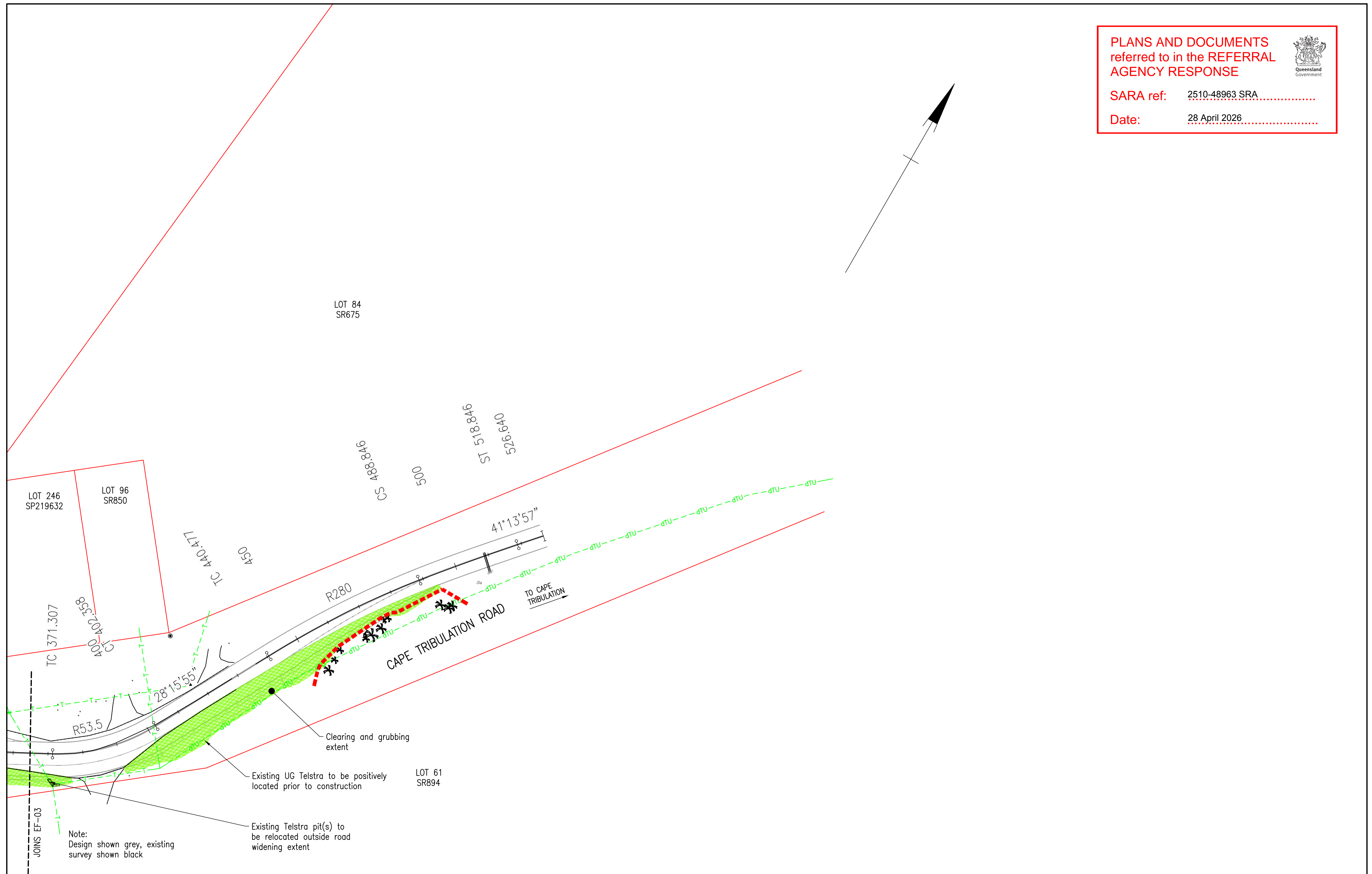
DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C05-EF-03
Revision	C

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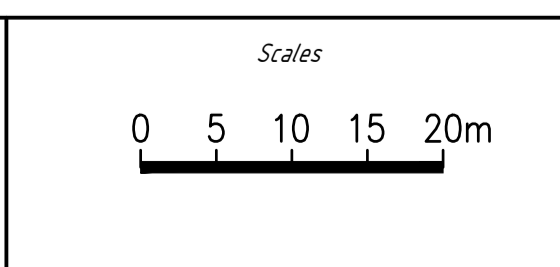
**PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE**



SARA ref: 2510-48963 SRA
Date: 28 April 2026



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	18/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025

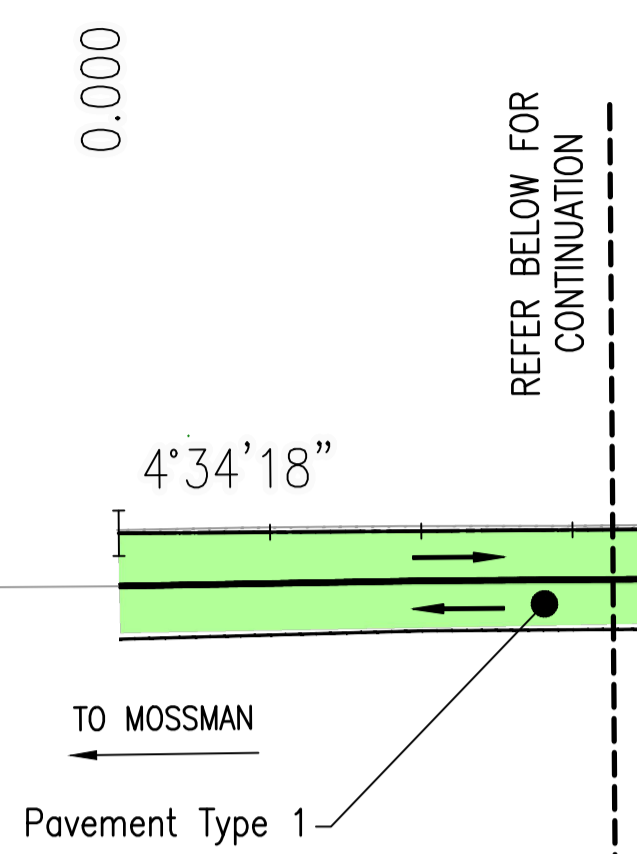


Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	EXISTING FEATURES, DEMOLITION AND UTILITY PLAN - SHEET 4 / 4

HANSEN
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Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

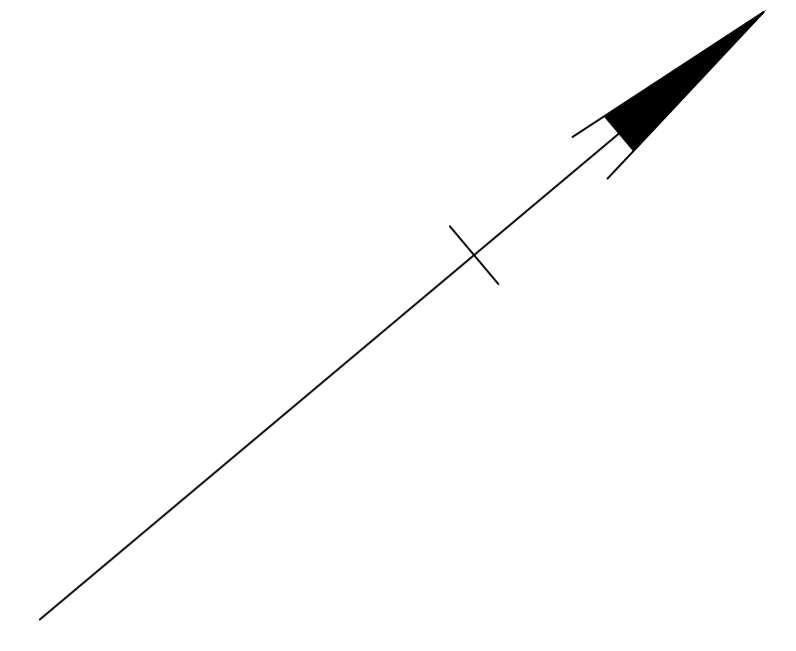
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Job Number	25019
Drawing Number	25019-HEG-C05-EF-04
Revision	C



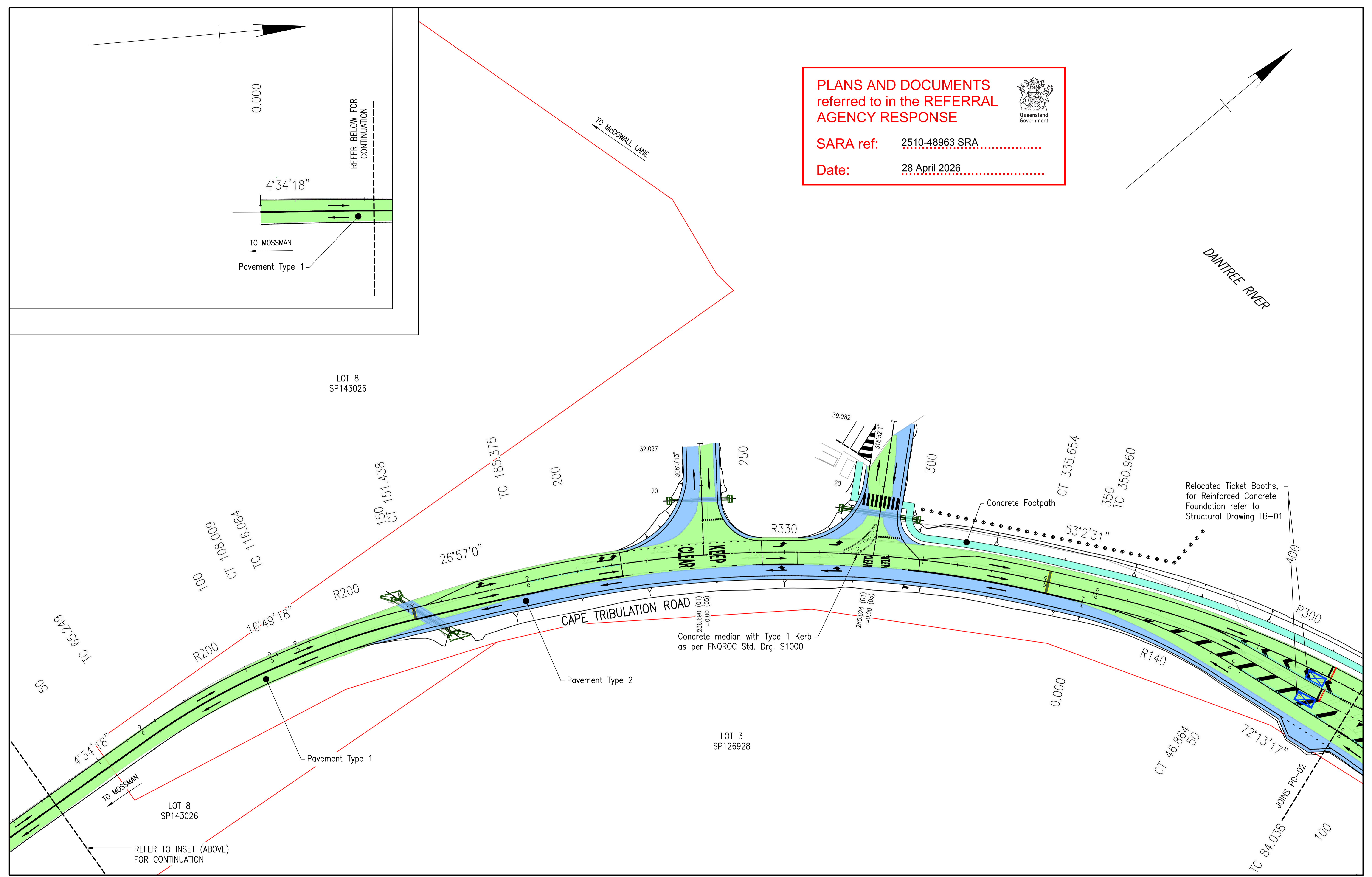
PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

SARA ref: 2510-48963 SRA

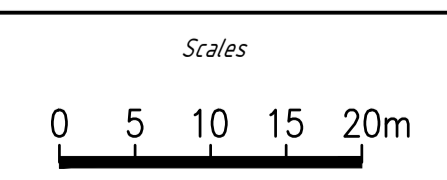
Date: 28 April 2026



DAINTREE RIVER



Rev	Description	By	Appd	Date
B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				



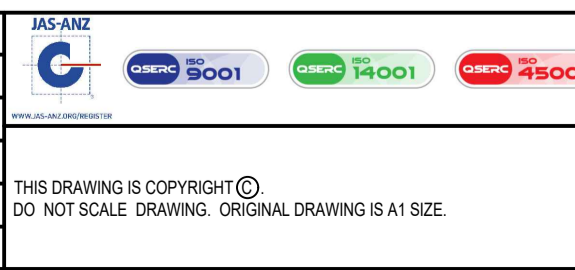
Client: DURACK CIVIL

Project: DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE

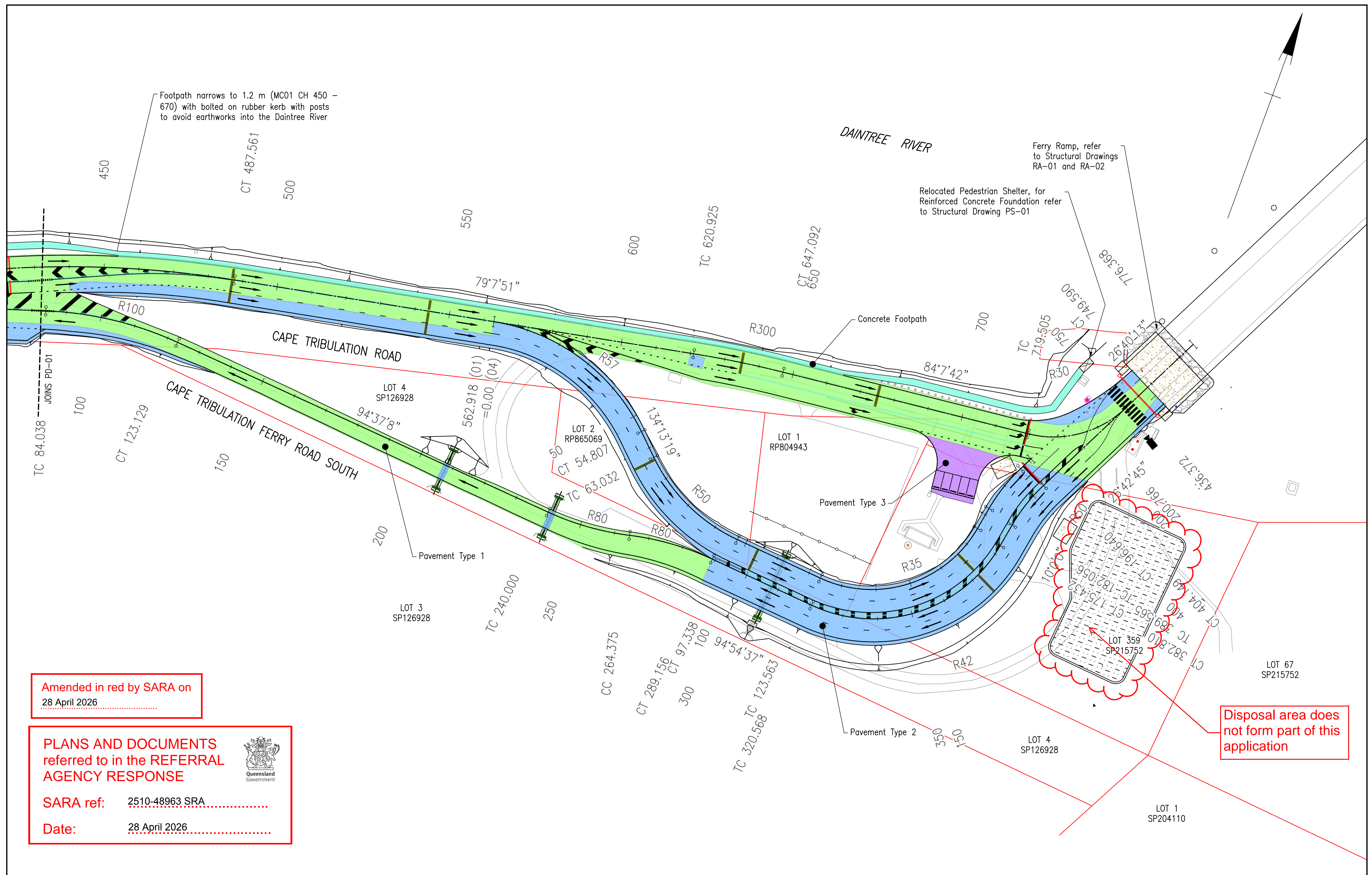
Drawing Title: PAVEMENT AND CONSTRUCTION SETOUT - SHEET 1 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C07-PD-01
Revision	B



Amended in red by SARA on
28 April 2026

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

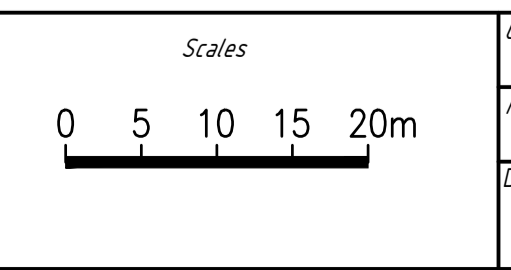
SARA ref: 2510-48963 SRA

Date: 28 April 2026



Disposal area does
not form part of this
application

Rev	Description	By	Appd	Date
B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 2 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	

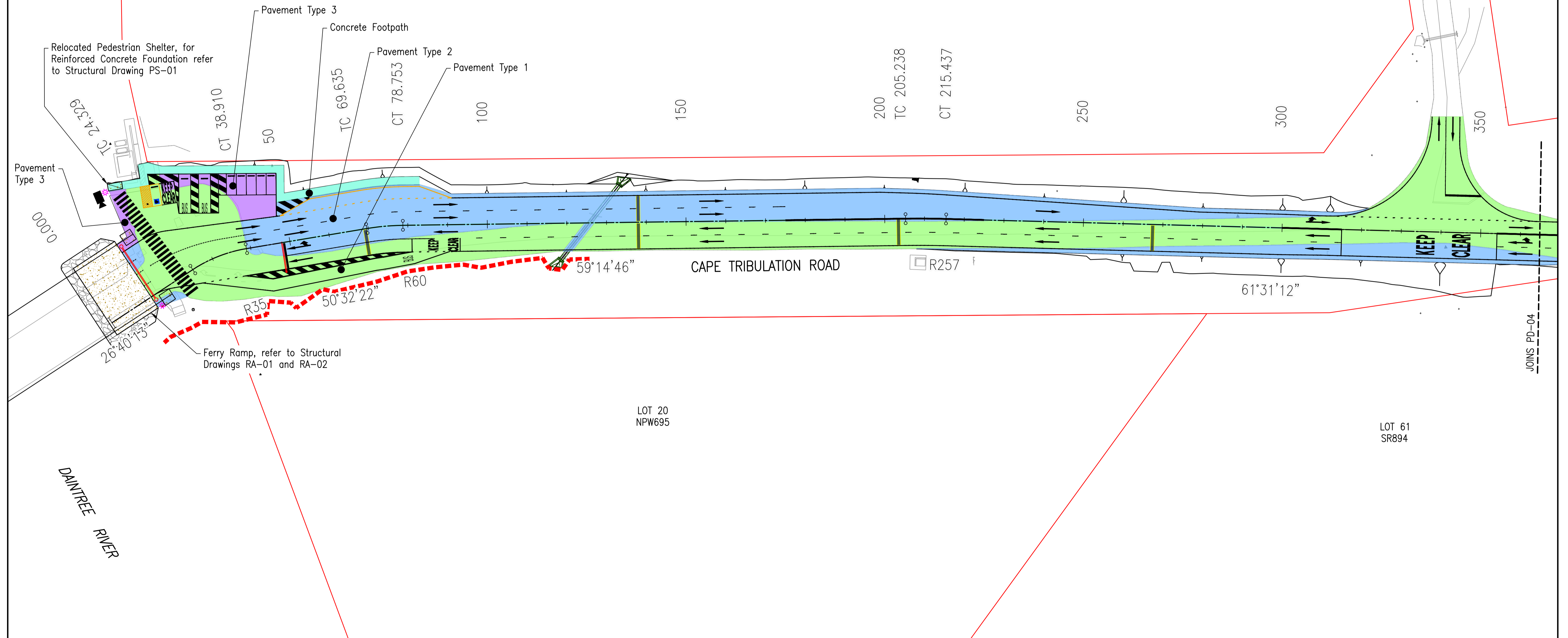
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Drawing Number	25019-HEG-C07-PD-02
Revision	B

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

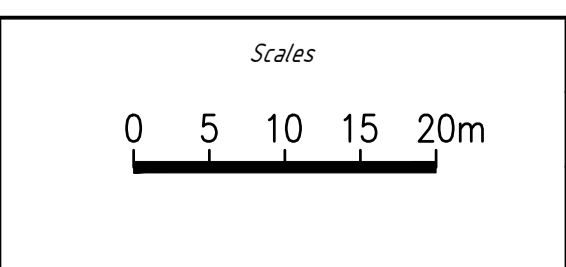


SARA ref: 2510-48963 SRA

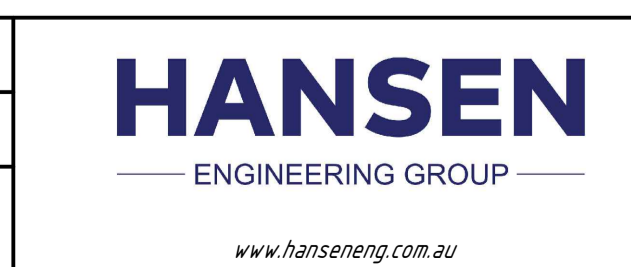
Date: 28 April 2026



Rev	Description	By	Appd	Date
B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 3 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	


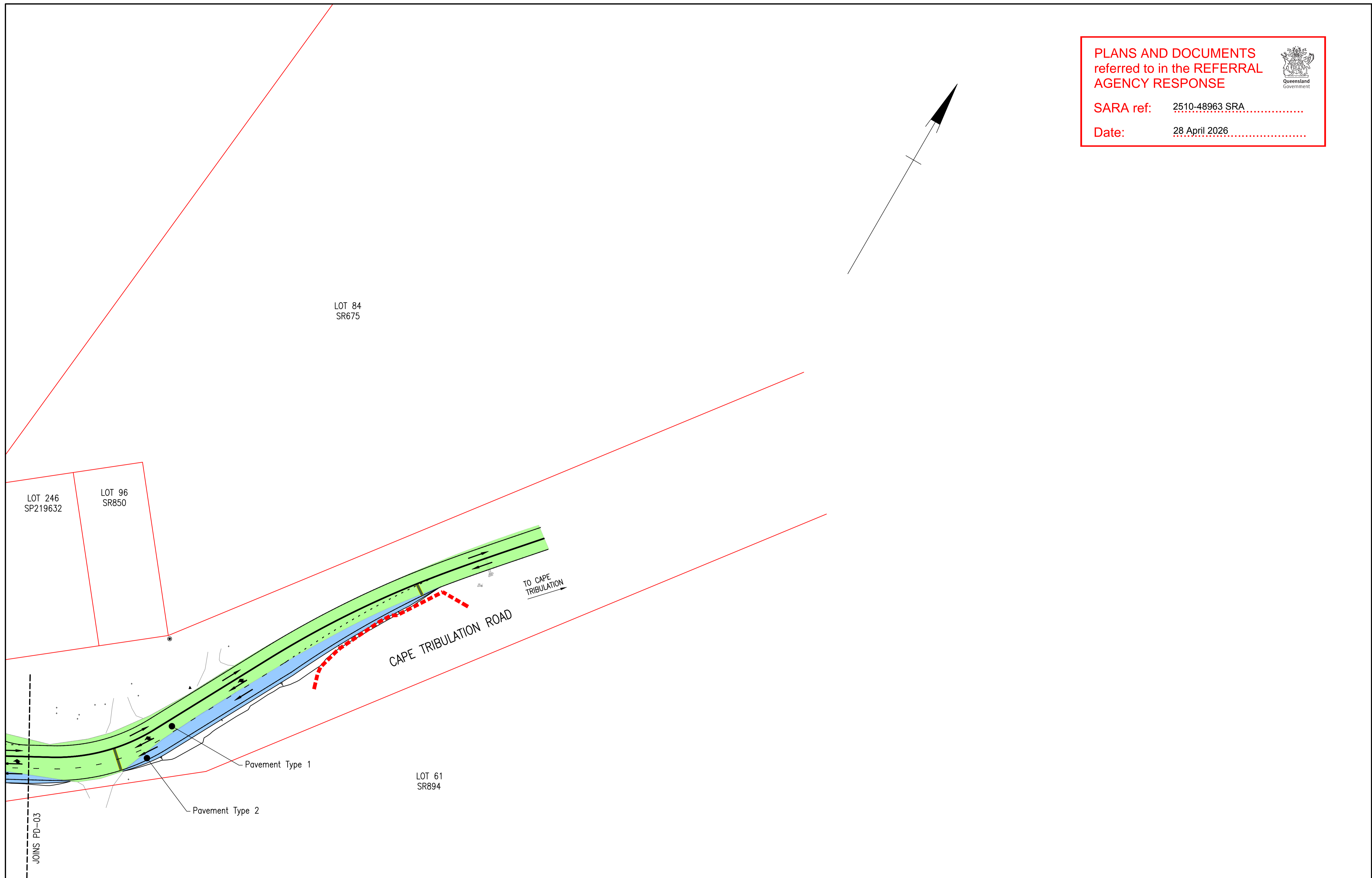


DETAILED DESIGN	
Job Number	25019
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Revision	B

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

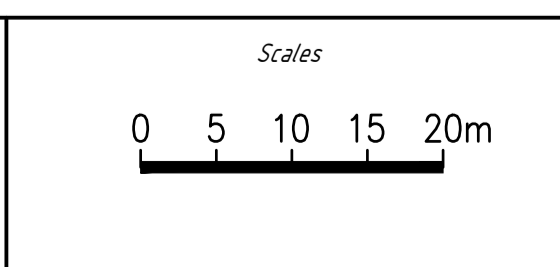
SARA ref: 2510-48963 SRA

Date: 28 April 2026

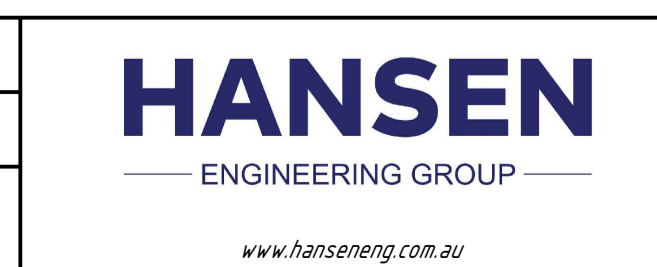



Rev	Description	By	Appd	Date
B	100% Submission	PS	ES	18/12/2025
A	70% Submission	PS	ES	28/10/2025

AMENDMENTS



Client:	DURACK CIVIL
Project:	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title:	PAVEMENT AND CONSTRUCTION SETOUT - SHEET 4 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NH
Approved	ES
RPEQ No.	



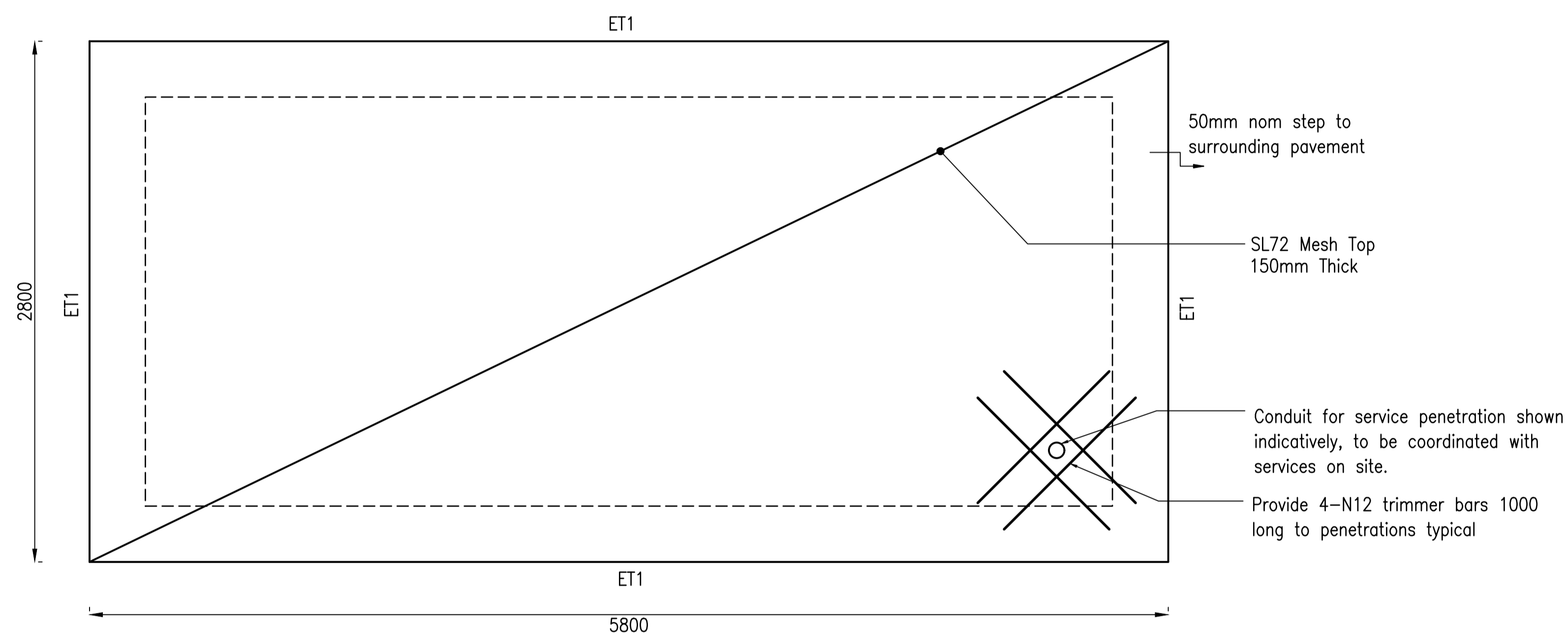
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Job Number	25019
Drawing Number	25019-HEG-C07-PD-04
Revision	B

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE



SARA ref: 2510-48963 SRA

Date: 28 April 2026



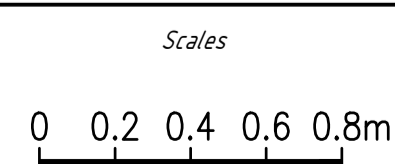
TICKET BOOTH SLAB PLAN
Scale 1:20

NOTES

1. Refer to Structural Notes for further requirements.

Rev	Description	By	Appd	Date
B	100% Submission	SR	TH	4/11/2025
A	70% Submission	PS	TH	4/11/2025

AMENDMENTS



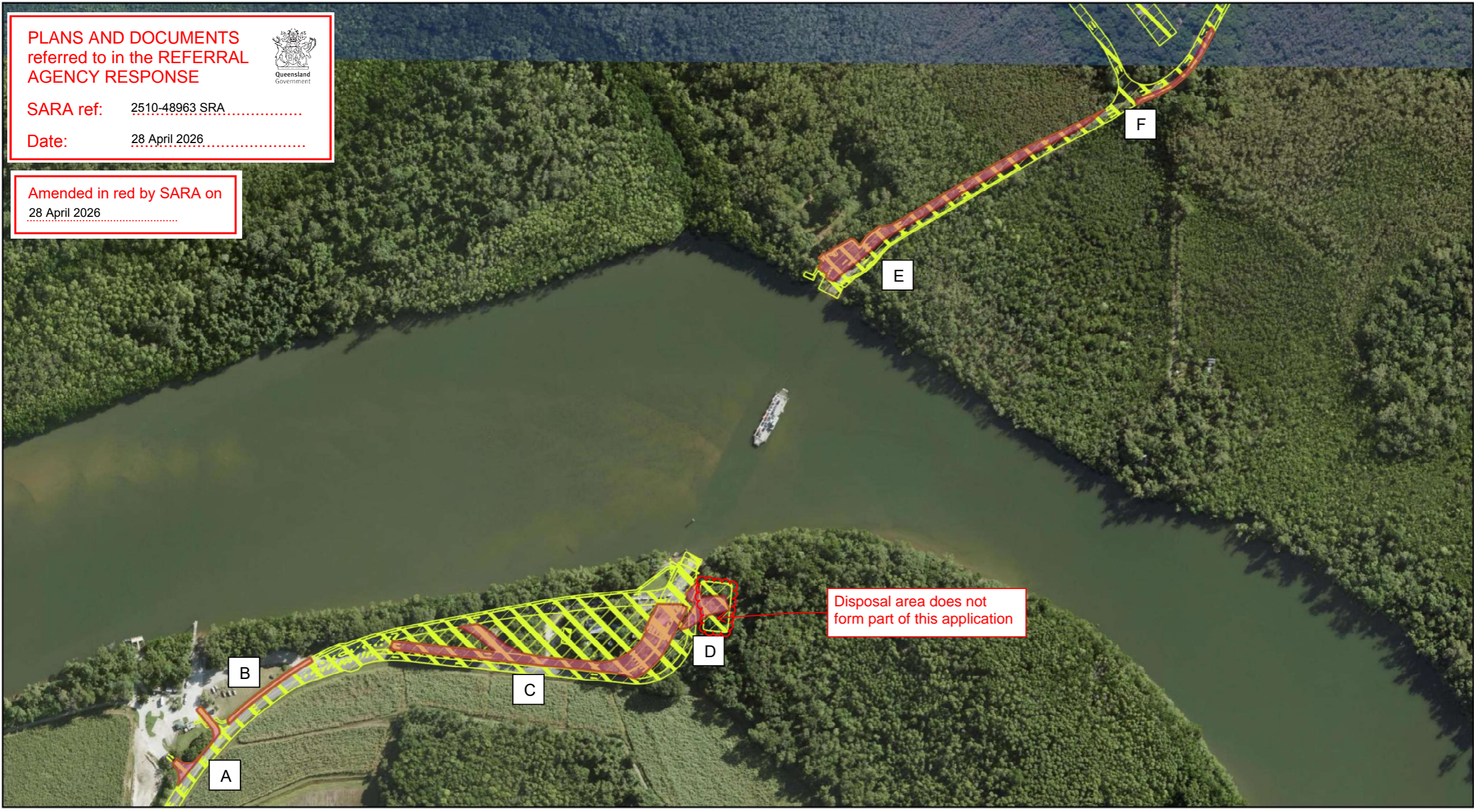
Client:	DURACK CIVIL
Project:	DAINTREE FERRY INFRASTRUCTURE UPGRADE
Drawing Title:	TICKET BOOTH SLAB PLAN



Design	TH
Drawn	SR
Date	18/12/2025
Checked	NH
Approved	TH
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-S05-TB-01
Revision	B



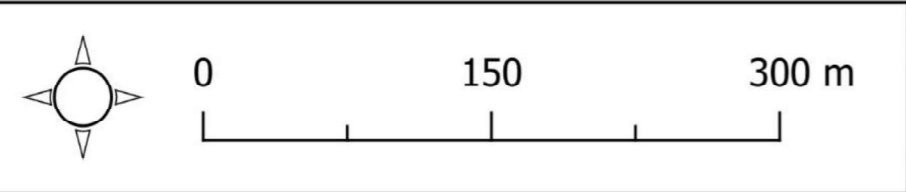
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026



Amended in red by SARA on 28 April 2026



Daintree Ferry 2024 Update Project Alignment

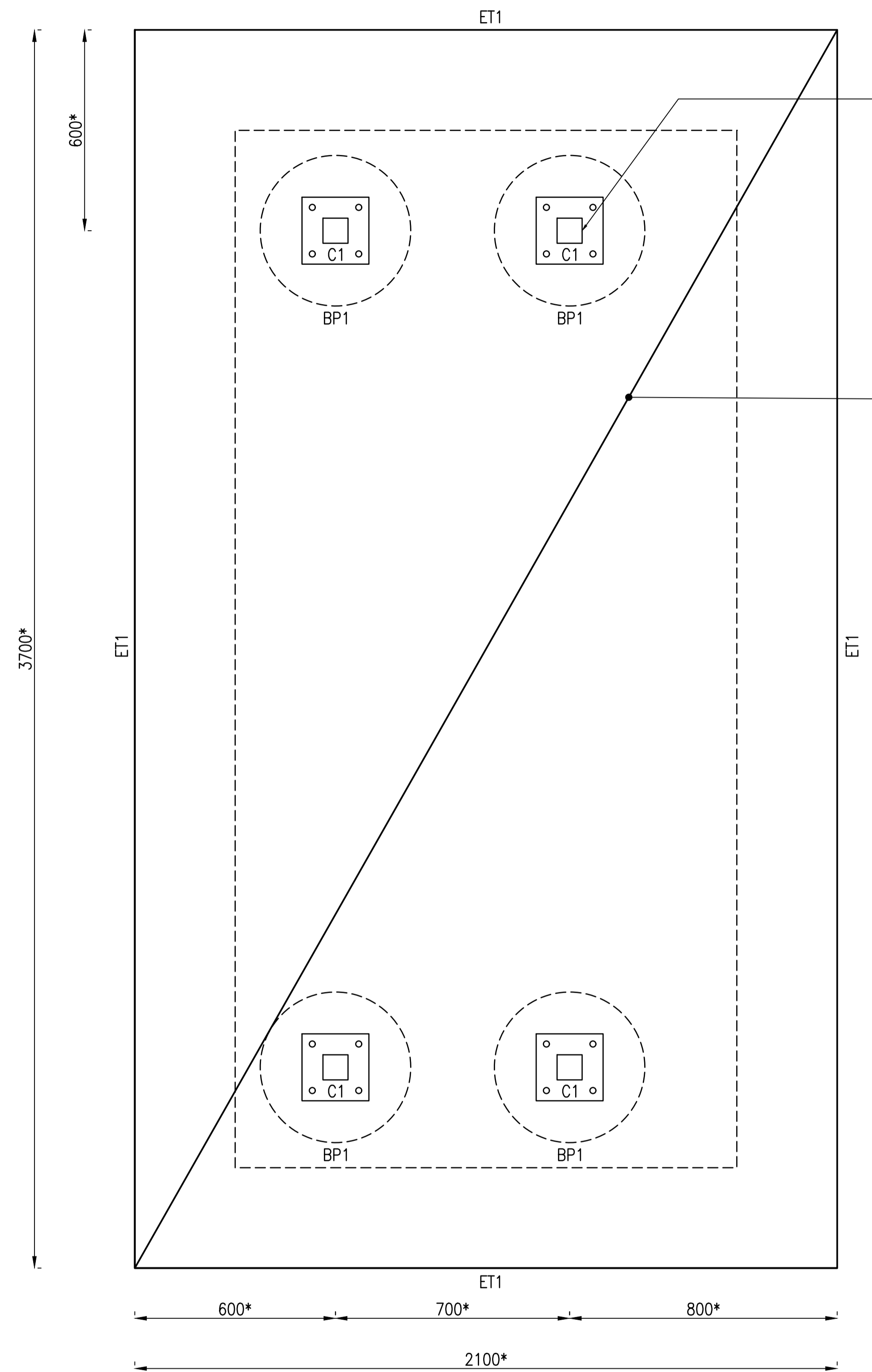
- Daintree Ferry proposed clearing area QLD Globe imagery
- Daintree Ferry total footprint

Client: Douglas Shire Council
 PM: Ryan Hughes
 Date: 31/07/2024
 Version: 2.0
 Projection: GDA_2020_Zone 56S

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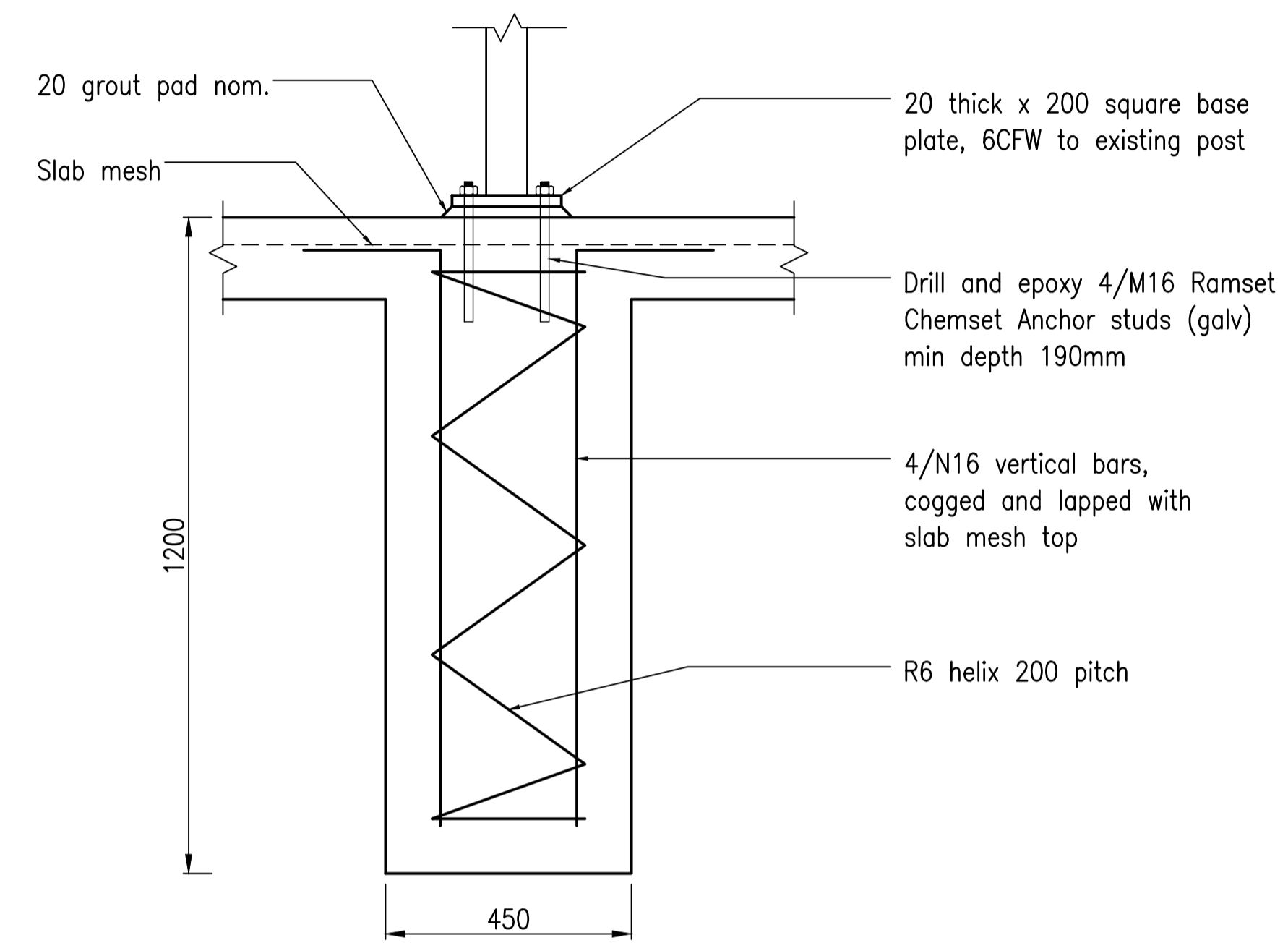
Figure 2. Map of the project alignment within the project site

MEMBER SCHEDULE
 C1 = 75 x 4 SHS (assumed, existing)
 ET1 = 300 x 300 L11TM3 Bottom
 BP1 = 450Ø x 1200 Deep, 4-N16 with R6-200 helix



Cut off existing pedestrian shelter posts at ground level and relocate to new location. Weld new 20x200x200 base plate 6CFW full perimeter. Drill and epoxy to new footing with 4/M16 galv. Ramset Chemset Anchor Studs 190mm long. Provide 20mm grout pad.

150mm Thick SL72 Top



BP1 DETAIL
Scale 1:10

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2510-48963 SRA

Date: 28 April 2026

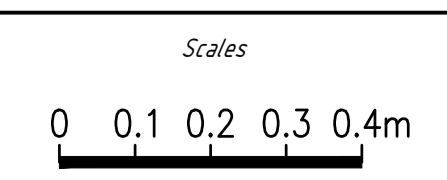


SLAB AND FOOTING PLAN
Scale 1:10

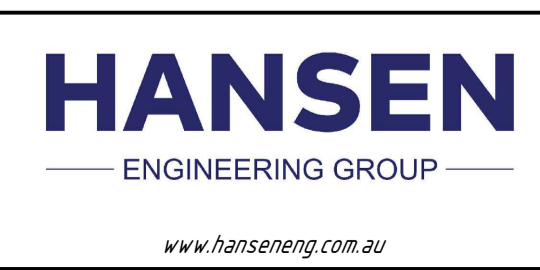
*Dimension shown indicatively, to be confirmed on site.

NOTES
 1. Refer to Structural Notes for further requirements.

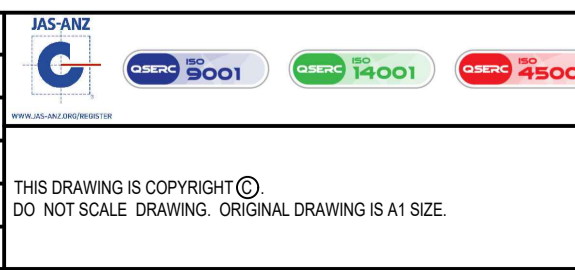
Rev	Description	By	Appd	Date
B	100% Submission	SR	TH	4/11/2025
A	70% Submission	PS	TH	4/11/2025
AMENDMENTS				



Client:	DURACK CIVIL
Project:	DAINTREE FERRY INFRASTRUCTURE UPGRADE
Drawing Title:	PEDESTRIAN SHELTER PLAN - SHEET 1 / 1



Design	TH
Drawn	SR
Date	18/12/2025
Checked	NH
Approved	TH
RPEQ No.	



DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-S04-PS-01
Revision	B

Environmental Protection Act 1994**Environmental Authority P-EA-101041374**

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: P-EA-101041374

Environmental authority takes effect on the date that your related development approval **Council reference: CA 2025_5841/1 (1328479)** takes effect. This is the take effect date.

Within 5 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence. Prior to the commencement of the activity, the administering authority must be given written notice of the proposed date of commencement.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
Douglas Shire Council	64-66 Front Street Mossman QLD 4873

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening 1(a) - Dredging, in a year, the following quantity of material 1,000t to 10,000t	Cape Tribulation Road, Daintree QLD 4873 Daintree River, over State coastal land, and adjacent to Lot 8 on SP357923.

Additional information for applicants**Environmentally relevant activities**

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Mobile and temporary activities

If you operate a mobile and temporary ERA, other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the administering authority if they become aware of the following:

- the presence of, or happening of an event involving, a hazardous contaminant on the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- if the land is contaminated land – a change in the condition of the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the land (notice must be given within 20 business days).

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200(1) of the EP Act, an EA has effect:

- (a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority—on the nominated day; or
- (b) if the authority states a day or an event for it to take effect—on the stated day or when the stated event happens; or
- (c) otherwise—on the day the authority is issued.

However, in accordance with section 200(2) of the EP Act, the day that the EA takes effect may not be before:

- (a) if the authority is for a resource activity—the day the relevant tenure is granted to the applicant; or
- (b) if a development permit for a material change of use of premises under the *Planning Act 2016* is necessary for carrying out an activity that related to the authority—the day the development permit takes effect; or
- (c) if an SDA Approval under the *State Development and Public Works Organisation Act 1971* is necessary for carrying out an activity that relates to the authority—the day the approval takes effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this EA is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid EA.

Amanda Gray

Signature

28/4/2026

Date

Amanda Gray

Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Industry and Development Business
Centre
GPO Box 2454, Brisbane QLD 4001
Phone: 1300 130 372
Email: palm@detsi.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this EA, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to restore the environment (section 319C)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443).

Other permits required

This permit only provides an approval under the EP Act. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department, and other State and Federal Government agencies prior to commencing any activity at the site. For example, this may include permits or approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)*

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes, please visit the Australian Government Department of Climate Change, Energy, the Environment and Water's website at www.dcceew.gov.au/environment/epbc/advice.

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation, visit Resources Safety and Health Queensland's website at www.rshq.qld.gov.au, or call 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Development approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this EA are separate, and in addition to, any conditions that may be on the development approval. If a copy of this EA is attached to a development approval, it is for information only and may not be current. Please contact the Department of the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the EA relating to this site.

Obligations under the *Aboriginal Cultural Heritage Act 2003 and Torres Strait Islander Cultural Heritage Act 2003 (the Cultural Heritage Acts)*

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This 'duty of care' means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at www.dwatsipm.qld.gov.au.

Conditions of environmental authority

Agency interest: General					
Condition number	Condition				
G1.0	This environmental authority authorises the activities listed in <i>Table 1 – Authorised activities</i> to the extent that they are carried out in accordance with the activity 's corresponding maximum disturbance size, maximum scale, location .				
	Table 1 – Authorised activities				
	Activity	Max. disturbance size	Max. depth	Max. scale	Location
	ERA 16(1)(a) Dredging , in a year, 1,000t to 10,000t	10,360m2	-1.02m RL (LAT)	10,000 tonnes in a year	Dredge footprint (in green) on Proposed Dredge Area Plan prepared by RPS AAP Consulting Pty Ltd, dated 044/06/2025, reference AU17394-100 and revision N/A.
	ERA 16(1)(a) Dredging , in a year, 1,000t to 10,000t – Spoil disposal location	n/a	n/a	10,000 tonnes in a year	Disposal location (adjacent to Lot 8 on SP357923) on General Arrangement – Sheet 1 / 4 prepared by Hansen Engineering Group, dated 18/12/2025, reference 25019-HEG-C04-GA-01 and revision C (as amended in red by the applicant); and on Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).
G1.1	Dredged material must only be lawfully disposed of: a) In accordance with section 3.4 <i>Stockpile / Re-handling</i> , Dredge Management Plan prepared by Kellogg Brown & Root Pty Ltd dated 07/12/2018, reference BEJ758-TD-MN-REP-0001, revision A; and b) For beneficial reuse as beach nourishment				
G2.0	All reasonably practicable measures must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.				

G3.0	<p>Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is:</p> <ul style="list-style-type: none"> a) an act that causes serious or material environmental harm or an environmental nuisance; or b) an act that contravenes a noise standard; or c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the <i>Environmental Protection Act 1994</i>.
G4.0	<p>Contravention of conditions</p> <p>Unless specifically authorised by a condition of this environmental authority, details of any contravention of a condition of this environmental authority must:</p> <ul style="list-style-type: none"> a) be reported to the administering authority within 24 hours of becoming aware of the contravention; and b) include the nature and circumstances of the contravention and any immediate actions taken.
G4.1	<p>As soon as reasonably practicable but no later than 20 business days of a report made under condition G4.0 (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine:</p> <ul style="list-style-type: none"> a) the potential circumstances and actions that may have contributed to the contravention; and b) reasonably practicable measures that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.
G4.2	<p>As soon as reasonably practicable but no later than 20 business days of investigating a contravention under condition G4.1 (or a longer period agreed to in writing by the administering authority), the reasonably practicable measures identified in the investigation must be implemented.</p>
G4.3	<p>The outcome of the investigation carried out under condition G4.1 and the reasonably practicable measures implemented under condition G4.2 must be recorded.</p>
G5.0	<p>Complaints</p> <p>The following details must be recorded for all complaints received and provided to the administering authority upon request:</p> <ul style="list-style-type: none"> a) date and time the complaint was received; and b) if authorised by the person making the complaint, their name and contact details; and c) nature and details of the complaint.
G5.1	<p>As soon as reasonably practicable but no later than 5 business days of receiving a complaint (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine:</p> <ul style="list-style-type: none"> a) the potential circumstances and actions on site that may have contributed to the basis of the complaint; and b) reasonably practicable measures that will be implemented to address the complaint.
G5.2	<p>As soon as reasonably practicable but no later than 5 business days of investigating a complaint under condition G5.1 (or a longer period agreed to in writing by the administering authority), the reasonably practicable measures identified in the investigation must be implemented.</p>
G5.3	<p>The outcome of the investigation carried out under condition G5.1 and the reasonably practicable measures implemented under condition G5.2 must be recorded.</p>

G6.0	<p>Environmental risk management procedures Written procedures must be developed and implemented by an appropriately qualified person that ensure:</p> <ul style="list-style-type: none"> a) all potential risks to the environment from the carrying out of the activity are identified and assessed, including: <ul style="list-style-type: none"> i) during routine operations; and ii) outside routine operations (e.g., maintenance, start up and shut down); and iii) during preparation, rehabilitation, and closure; and iv) in an emergency (e.g., fire, flood or other natural disaster); and b) for each potential risk identified, any necessary measures to prevent or minimise the potential for environmental harm are implemented; and c) staff understand their obligations under this environmental authority and the <i>Environmental Protection Act 1994</i>; and d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach. 						
G7.0	<p>Plant and equipment</p> <p>An appropriately qualified person must install, operate, calibrate, and maintain the plant and equipment required to carry out the activity (including measuring and monitoring devices) in a proper and effective manner.</p>						
G7.1	<p>Records of installation, calibration and maintenance carried out under condition G7.0 must be kept.</p>						
G8.0	<p>Record keeping</p> <p>Unless otherwise specified by a condition of this environmental authority, records must be:</p> <ul style="list-style-type: none"> a) kept for the period outlined in <i>Table 2 – Record keeping requirements</i>; and b) provided to the administering authority upon request and in the format requested. <p>Table 2 – Record keeping requirements</p> <table border="1" data-bbox="263 1198 869 1332"> <thead> <tr> <th>Description of records</th> <th>Retention requirement</th> </tr> </thead> <tbody> <tr> <td>Monitoring results</td> <td>Retain for 15 years</td> </tr> <tr> <td>All other records</td> <td>Retain for 5 years</td> </tr> </tbody> </table>	Description of records	Retention requirement	Monitoring results	Retain for 15 years	All other records	Retain for 5 years
Description of records	Retention requirement						
Monitoring results	Retain for 15 years						
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G9.0	<p>Chemical storage</p> <p>Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.</p>						
G10.0	<p>Monitoring and sampling</p> <p>All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an appropriately qualified person.</p>						
G10.1	<p>Unless otherwise authorised in writing by the administering authority, all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.</p> <p>The only exception to this condition is for <i>in situ</i> monitoring of dissolved oxygen, turbidity, pH, temperature, and secchi.</p>						
G11.0	<p>At least 10 business days prior to commencing a dredge operation, written notification must be provided to the administering authority of the following:</p> <ul style="list-style-type: none"> a) Commencement date of the dredge operation; and b) Footprint of the area subject to the dredge operation; and 						

	<p>c) Quantity of material (in tonnes) subject to the dredge operation; and</p> <p>d) Expected end date of the dredge operation.</p>
G12.0	<p>Sampling and Analysis Plan (SAP)</p> <p>The characterisation of sediments and suitability of dredged material for beneficial reuse as beach nourishment must be:</p> <p>a) be determined no more than five years before (or a longer period agreed to in writing by the administering authority), and</p> <p>b) be prepared by an appropriately qualified person(s); and</p> <p>c) be in accordance with the methodologies provided in the latest editions of the:</p> <ol style="list-style-type: none"> i. National Assessment Guidelines for Dredging 2009, and/or ii. National Environment Protection (Assessment of Site Contamination) Amendment Measure 1999, and iii. Queensland Acid Sulfate Soil Technical Manual version 5.1; and <p>d) be submitted to the administering authority for comment prior to commencing the sampling program.</p>
G13.0	<p>A Dredge Operation Completion Report must be prepared at the conclusion of the dredge operation and:</p> <p>a) be provided to the administering authority upon request; and</p> <p>b) include:</p> <ol style="list-style-type: none"> a. the results, including all raw data, from any monitoring conducted during the carrying out of the dredge operation; and b. a description of actions taken to minimise any environmental risk identified during the dredge operation, including but not limited to actions taken as a result of risks identified from monitoring and environmental complaints; and c. the tonnage of dredged material removed, and methodology used to calculate tonnage.
Agency interest: Air	
Condition number	Condition
A1.0	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .
Agency interest: Land	
Condition number	Condition
L1.0	Treatment and management of acid sulfate soils must comply with the latest edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i>
L2.0	Placement of dredged material must occur in a way that creates a safe, stable, non-polluting landform.
Agency interest: Waste	

Condition number	Condition											
W1.0	All waste generated in carrying out the activity must be reused, recycled or removed to a facility that can lawfully accept the waste.											
Agency interest: Acoustic												
Condition number	Condition											
DG1.0	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .											
Agency interest: Water												
Condition number	Condition											
WT1.0	A sediment plume monitoring program must: <ul style="list-style-type: none"> a) be developed and implemented by an appropriately qualified person(s); and b) include management actions to ensure the requirements of Condition WT2.0 will be met. 											
WT2.0	<p>Water quality monitoring Water quality monitoring must occur during the activity. Water quality monitoring must be in accordance with <i>Table 3 – Water quality release limits</i>.</p> <p>Table 3 – water quality monitoring</p> <table border="1"> <thead> <tr> <th>Monitoring Points</th> <th>Quality Characteristics</th> <th>Type</th> <th>Minimum monitoring frequency</th> </tr> </thead> <tbody> <tr> <td>Background site (B) 500 meters up current of dredging site in Daintree River</td> <td>Dissolved Oxygen Turbidity pH Temperature Secchi</td> <td>% saturation NTU pH °C M</td> <td rowspan="2">Minimum twice daily, mid-flood tide and mid-ebb tide during dredging</td> </tr> <tr> <td>Impacted Site (1) 500 metres down current of dredging site in Daintree River.</td> <td></td> <td></td> </tr> </tbody> </table> <p>Associated monitoring requirements</p> <ol style="list-style-type: none"> 1. Monitoring must be in accordance with the methods prescribed in the current edition of the Department of Environment, Science and Innovation <i>Monitoring and Sampling Manual</i>. 2. Water and sediment samples must be representative of the general condition of the water body or sediments. 3. All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water or sediment quality characteristic. 4. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual. 	Monitoring Points	Quality Characteristics	Type	Minimum monitoring frequency	Background site (B) 500 meters up current of dredging site in Daintree River	Dissolved Oxygen Turbidity pH Temperature Secchi	% saturation NTU pH °C M	Minimum twice daily, mid-flood tide and mid-ebb tide during dredging	Impacted Site (1) 500 metres down current of dredging site in Daintree River.		
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Impacted Site (1) 500 metres down current of dredging site in Daintree River.												
Agency interest: Dewatering												
Condition number	Condition											
DW1.0	Contaminants must not be released during transfer from the site of dredging to the placement site.											

<p>DW2.0</p>	<p>Point source releases Contaminants generated by the dewatering or treatment of dredged material must not be released to waters unless the contaminants being released:</p> <p>a) are only released from the release points specified in <i>Table 4 – Contaminant release points and release limits to water</i> and as depicted in the material dewatering; and b) comply with the release limits (limit and type) for each quality characteristic specified in <i>Table 4 – Contaminant release points and release limits to water</i>; and c) are monitored at the minimum monitoring frequency for each quality characteristic specified in <i>Table 4 – Contaminant release points and release limits to water</i>; and d) are monitored at the following monitoring locations:</p> <ul style="list-style-type: none"> • The release points identified in <i>Table 4 – Contaminant release points and release limits to water</i>; and • The release point monitoring locations identified in <i>Table 4 – Contaminant release points and release limits to water</i> <p>Table 4 – Contaminant release points and release limits to water</p> <table border="1" data-bbox="263 770 1428 1460"> <thead> <tr> <th rowspan="3">Release Points</th> <th rowspan="3">Monitoring Points</th> <th rowspan="3">Quality characteristic</th> <th colspan="2">Release limit</th> <th rowspan="3">Minimum monitoring frequency</th> </tr> <tr> <th>Limit</th> <th rowspan="2">Type</th> </tr> <tr> <th>Baseflow Conditions</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Discharge point from bunded stockpile area as shown on plan Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).</td> <td rowspan="3">100m upstream of release point</td> <td>Turbidity</td> <td><10</td> <td>NTU</td> <td rowspan="5">Minimum once daily when dewatering is occurring.</td> </tr> <tr> <td>Total Suspended Solids</td> <td>Nd (no (or insufficient) data)</td> <td>mg/L</td> </tr> <tr> <td>pH</td> <td>6.5-8.4</td> <td>pH</td> </tr> <tr> <td rowspan="2">100m downstream point</td> <td>Dissolved Oxygen</td> <td>80-105</td> <td>% Saturation</td> </tr> <tr> <td>Secchi</td> <td>>1</td> <td>m</td> </tr> </tbody> </table> <p>Associated monitoring requirements</p> <ol style="list-style-type: none"> 1. Monitoring must be in accordance with the methods prescribed in the current edition of the Department of Environment, Science and Innovation <i>Monitoring and Sampling Manual</i>. 2. Water and sediment samples must be representative of the general condition of the water body or sediments. 3. All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water or sediment quality characteristic. 4. All monitoring devices must be calibrated and maintained according to the manufacturer’s instruction manual. 	Release Points	Monitoring Points	Quality characteristic	Release limit		Minimum monitoring frequency	Limit	Type	Baseflow Conditions	Discharge point from bunded stockpile area as shown on plan Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).	100m upstream of release point	Turbidity	<10	NTU	Minimum once daily when dewatering is occurring.	Total Suspended Solids	Nd (no (or insufficient) data)	mg/L	pH	6.5-8.4	pH	100m downstream point	Dissolved Oxygen	80-105	% Saturation	Secchi	>1	m
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<p>DW2.1</p>	<p>Releases to surface waters must not cause:</p> <p>a) erosion of the bed and banks of the receiving waters; and/or b) disturbance to vegetation; and/or c) a build-up of sediment.</p>																												
<p>DW2.2</p>	<p>Releases to waters must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other visually objectionable matter.</p>																												

DW3.0	<p>Stormwater</p> <p>Stormwater must be managed to:</p> <p>a) prevent stormwater from being contaminated by the activity; or</p> <p>b) direct stormwater that is contaminated by the activity to stormwater treatment and retention measures.</p>
DW3.1	<p>Stormwater treatment and retention measures must have capacity to retain stormwater runoff from disturbed areas generated by a rainfall event up to and including a 24-hour rainfall event with an Annual Exceedance Probability (AEP) of 10%.</p>
DW3.2	<p>Stormwater contaminated by the activity may only be released to waters in accordance with DW2.0.</p>
DW4.0	<p>Contaminants must not be released to groundwater or at a location where they are likely to release to groundwater.</p>

Definitions

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means the environmentally relevant activities to which the environmental authority relates.

Annual exceedance probability (AEP) means the probability that a given rainfall total accumulated over a given duration will be exceeded in any one year.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the EA requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature

Bed of any waters includes an area covered, permanently or intermittently by tidal or non-tidal waters. It does not include land adjoining or adjacent to the bed that is from time to time covered by floodwater.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Disturbed areas includes areas:

- a) that are susceptible to erosion; and/or
- b) that are contaminated; and/or
- c) upon which stockpiles of soil or other materials are located.

Dredge footprint is the area being dredged and includes its surrounding batters.

Dredge operation means a single instance of the **activity** being conducted. A single **dredge operation** is completed when either:

1. material has been removed from the dredged basin and the **placement** of the material has been completed; or
2. a period of 1 month following the proposed **dredge operation** end date has passed.

Dredged material means mud, sand, coral, shingle, gravel, clay, earth and other material removed by **dredging**. **Dredged material** includes dredge spoil and extracted quarry material.

Dredging means the mechanical removal of material from the **bed** of **naturally occurring surface waters**. It excludes minor adjustments to the **bed** surface to level troughs and peaks and where **bed** material is only redistributed locally (bed levelling).

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

Land , for the purposes of these conditions, does not include:

- a) the airspace above land; or
- b) land that is, or is at any time, covered by **waters**; or
- c) **waters**.

Monitoring results includes analysis results (laboratory and in situ) and monitoring reports.

Naturally occurring surface waters includes artificial waterways that are directly connected to naturally occurring **surface waters**, for example, a canal connected to naturally occurring **surface waters**.

Placement means the deposition of the material removed from the dredge basin and includes any works undertaken for dewatering and treatment of the material.

Records include any written procedures, plans, **monitoring results**, and monitoring programs required under a condition of this environmental authority.

Relevant act as defined in section 493A of the EP Act.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a **sensitive receptor** for the purposes of the Environmental Protection (Noise) Policy 2019.

Sediment plume means a plume of sediment created from the mobilisation of **bed** sediments necessarily disturbed by the **dredging activity**. It also includes any plume created as a result of authorised **placement** of material in **waters**.

Sensitive receptor includes biological **sensitive receptors** together with other environmental values that may be negatively impacted by the **activity**.

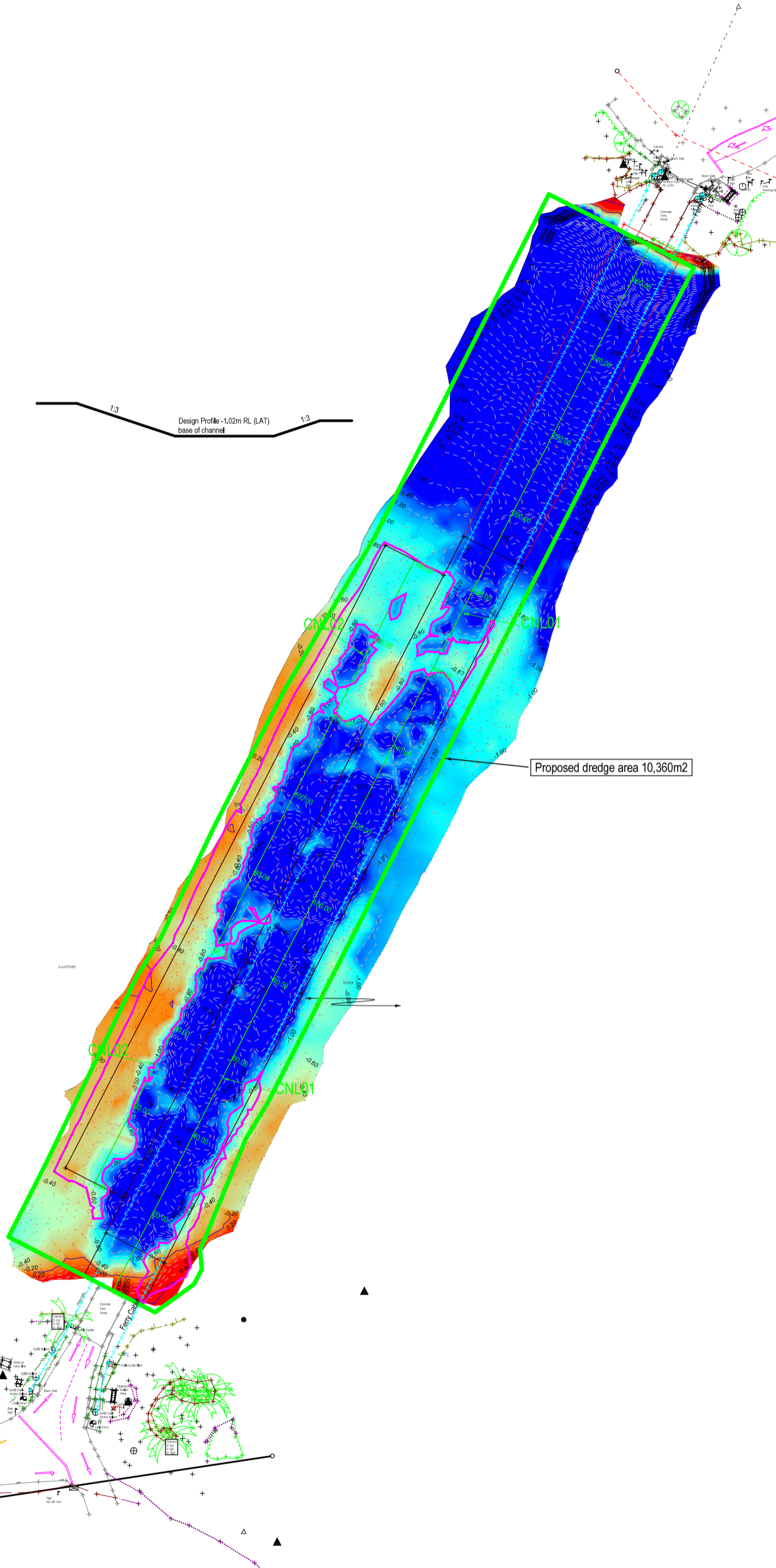
Surface water means water other than **groundwater**.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined **surface water**, unconfined water, natural or artificial watercourse, **bed** and bank of any **waters**, dams, non-tidal or tidal **waters** (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and **groundwater** and any part thereof.

Appendices:

1. Proposed Dredge Area Plan prepared by RPS AAP Consulting Pty Ltd, dated 044/06/2025, reference AU17394-100 and revision N/A.
2. General Arrangement – Sheet 1 / 4 prepared by Hansen Engineering Group, dated 18/12/2025, reference 25019-HEG-C04-GA-01 and revision C (as amended in red by the applicant).
3. Detail & Contour Survey – Approaches to Daintree River Ferry Sheet 1 of 11 prepared by RPS Australia East Pty Ltd, dated 25/05/2021, reference PR149353-2 and revision N/A (as amended in red by the department).

END OF ENVIRONMENTAL AUTHORITY



IMPORTANT NOTE

1. This plan was prepared for the sole purposes of the client for the specific purpose of producing a detail plan. This plan is strictly limited to the purpose and does not apply directly or indirectly and will not be used for any other application, purpose, use or matter. The plan is presented without the assumption of a duty of care to any other person (other than the Client) ("Third Party") and may not be relied on by Third Party.
2. RPS AAP Consulting Pty Ltd will not be liable (in negligence or otherwise) for any direct or indirect loss, damage, liability or claim arising out of or incidental to:
 - A. Third Party publishing, using or relying on the plan;
 - B. RPS AAP Consulting Pty Ltd relying on information provided to it by the Client or a Third Party where the information is incorrect, incomplete, inaccurate, out-of-date or unreasonable;
 - C. any inaccuracies or other faults with information or data sourced from a Third Party;
 - D. RPS AAP Consulting Pty Ltd relying on surface indicators that are incorrect or inaccurate;
 - E. the Client or any Third Party not verifying information in this plan where recommended by RPS AAP Consulting Pty Ltd;
 - F. lodgement of this plan with any local authority against the recommendation of RPS AAP Consulting Pty Ltd;
 - G. the accuracy, reliability, suitability or completeness of any approximations or estimates made or referred to by RPS AAP Consulting Pty Ltd in this plan.
3. Without limiting paragraph 1 or 2 above, this plan may not be copied, distributed, or reproduced by any process unless this note is clearly displayed on the plan.
4. Scale shown is correct for the original plan and any copies of this plan should be verified by checking against the bar scale.
5. The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.
6. Underground services have not been plotted or have been plotted from records and are approximate only. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

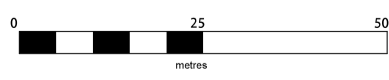
1:3 Design Profile -1.02m RL (LAT) base of channel 1:3

Proposed dredge area 10,360m2



NOTES

Level Datum: LAT Vide RPS plan AU05051-16
 Origin of Levels: PM123249
 Contour Interval: 0.2m
 Index: 1.0m
 Origin of Coordinates: GDA2020
 Meridian: MGA Zone 55
 Field/Level Book:



SCALE 1:500 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE (A1), (1:1000 @ A3)

AMENDMENTS	
TEXT	

PROJECT MANAGER	
PC OCK	
SURVEYED	
AD 14/4/25	
DRAWN	
DGP	
CHECKED	CAD REF
	AU017394-100.mjp
DRAFTING CHECKED	
	SHEET 1 OF SHEETS 1
	SHEET SIZE A1

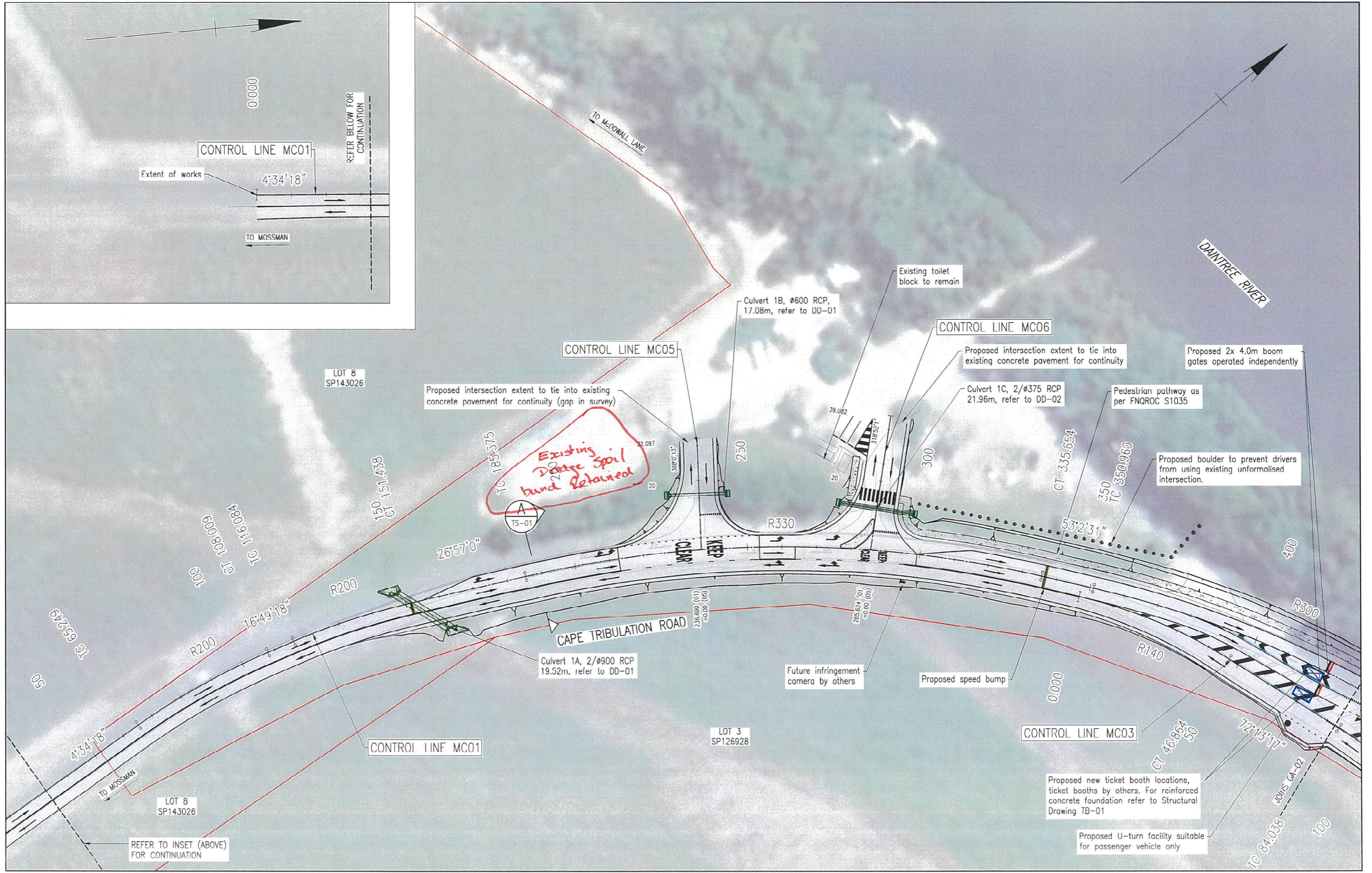
Douglas Shire Council

**Proposed Dredge Area
 Daintree River Ferry Crossing
 Daintree River
 Cape Tribulation Road**

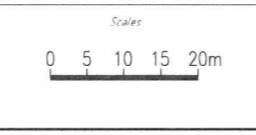


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SCALE	DATE	DRAWING NO.	ISSUE
1:500	4/6/25	AU17394-100	



Rev	Description	By	Appd	Date
C	100% Submission	PS	ES	10/12/2025
B	70% Submission	PS	ES	4/11/2025
A	30% Submission	PS	ES	19/09/2025



Client	DURACK CIVIL
Project	DAINTREE FERRY LANDSIDE INFRASTRUCTURE UPGRADE
Drawing Title	GENERAL ARRANGEMENT - SHEET 1 / 4



Design	ES
Drawn	PS
Date	18/12/2025
Checked	NI
Approved	ES
RPEQ No	

DETAILED DESIGN	
Job Number	25019
Drawing Number	25019-HEG-C04-GA-01
Revision	C



Level Datum: AHD
 Origin of Levels: PM123249
 Origin of Coordinates: GDA 2020: PM123249
 RL: 2.083
 Meridian: MGA zone 55 wide GNSS
 Observations
 E: 328297.053
 N: 8201349.173
 Contour Interval: 0.2m
 Index: 1.0m

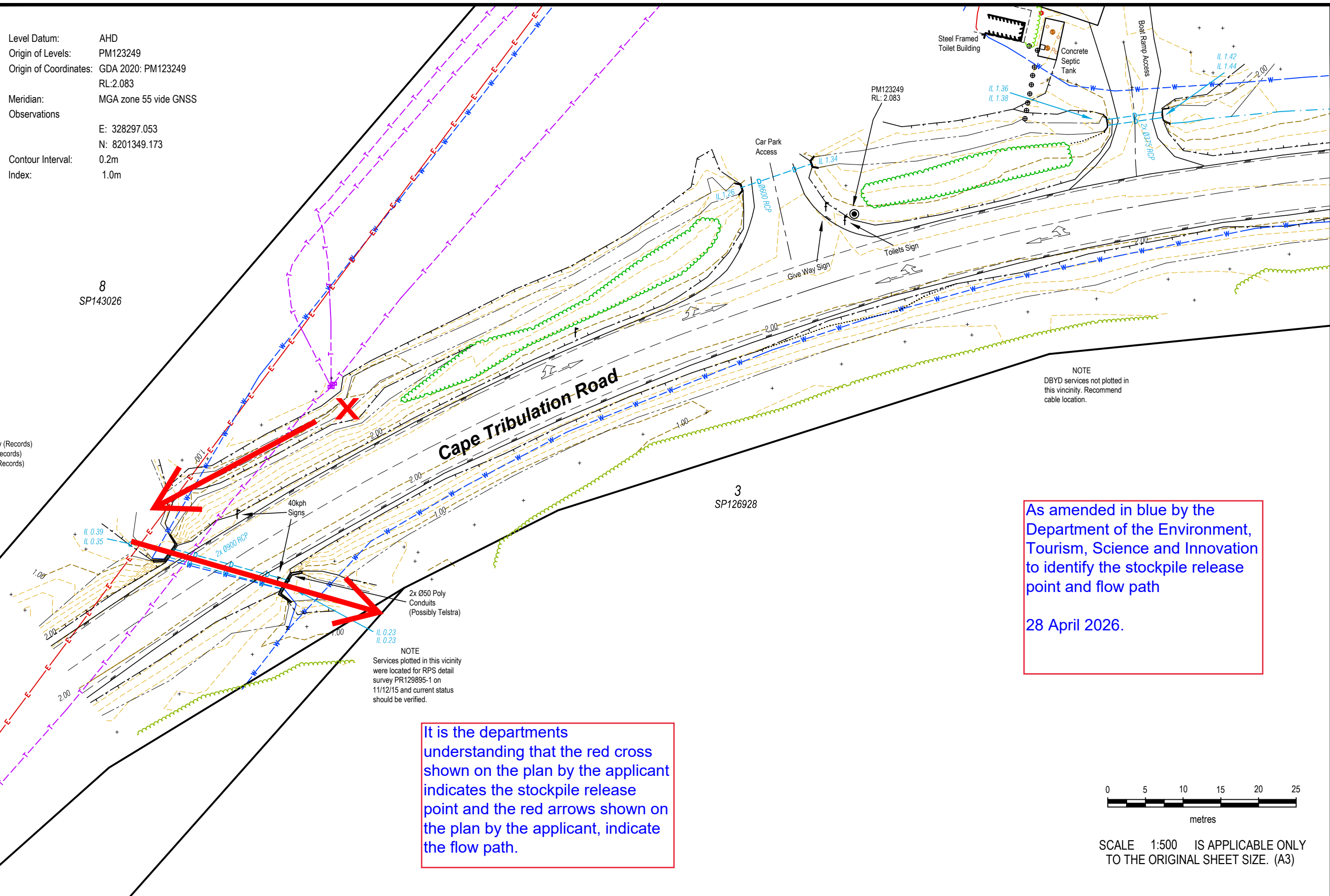
Legend

- Tap
- Electrical Pit
- Telstra Pit
- Power Pole
- Light Pole
- Bollard
- Sign
- Water Valve Pit
- Camera Post
- Survey Station
- Road Crown
- Edge of Bitumen Road
- Top of Bank
- Toe of Bank
- Edge of Sugar Cane
- Edge of Garden
- Edge of Vegetation
- Drainage Pipe
- Change of Grade
- Line Marking
- Overhead Electricity
- Underground Electricity (Records)
- Underground Water (Records)
- Underground Telstra (Records)
- IL of Open Drain
- Speed Bump
- Lane Dividers

8
SP143026

3
SP126928

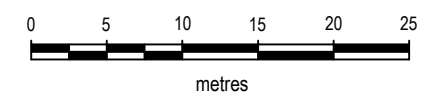
Cape Tribulation Road



NOTE
 DBYD services not plotted in this vicinity. Recommend cable location.

As amended in blue by the Department of the Environment, Tourism, Science and Innovation to identify the stockpile release point and flow path
 28 April 2026.

It is the departments understanding that the red cross shown on the plan by the applicant indicates the stockpile release point and the red arrows shown on the plan by the applicant, indicate the flow path.



SCALE 1:500 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE. (A3)

IMPORTANT NOTE

1. This plan was prepared for the sole purposes of the client for the specific purpose of producing a detail plan. This plan is strictly limited to the Purpose and does not apply directly or indirectly and will not be used for any other application, purpose, use or matter. The plan is presented without the assumption of a duty of care to any other person (other than the Client) ("Third Party") and may not be relied on by Third Party.
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4. Scale shown is correct for the original plan and any copies of this plan should be verified by checking against the bar scale.
5. The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on this plan. Where such records either do not exist or are inadequate a notation has been made hereon.
6. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

AMENDMENTS		PROJECT MANAGER	
		D. Pinkham	
		SURVEYED	
		MJW/FS 20/5/2021	
		COMPILED	
		RMS	
CAD REF	SHEET 1	SHEET SIZE	
PR149353-1.DWG	OF	A3	
149353-101-MJW data 02.mjo	SHEETS 11		

Douglas Shire Council

Detail & Contour Survey
Approaches to Daintree River Ferry
Lower Daintree
Queensland
Sheet 1 of 11

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SCALE	DATE	DRAWING NO.	ISSUE
1:500	25/5/2021	PR149353-2	

Notice

Environmental Protection Act 1994

Decision about application for an environmental authority

This statutory notice is issued by the administering authority pursuant to section 198 of the Environmental Protection Act 1994 to advise you of a decision on your application for an environmental authority.

To: Douglas Shire Council
64-66 Front Street Mossman QLD
4873
Enquiries@douglas.qld.gov.au

ATTN: Robert Latham C/- Patrick Clifton (RPS AAP Consulting)

Our reference: P-EA-101041374

Decision about an application for an environmental authority

1 Application details

The application for an environmental authority was received by the administering authority on 3 December 2025.

Application reference number: A-EA-NEW-101041353

Land description: adjacent to 8/SP357923, State coastal land (being the Daintree River), 362 Cape Tribulation Road, Lower Daintree, 4873.

2 Decision

The administering authority has decided to approve the application subject to conditions including condition(s) that have not been agreed to in writing.

The conditions that were not agreed to by the applicant are outlined below:

Recommended Condition	Applicant Request
<p>Condition G11.0</p> <p>At least 10 business days prior to commencing a dredge operation, written notification must be provided to the administering authority of the following:</p> <ul style="list-style-type: none"> a) Commencement date of the dredge operation; and b) Footprint of the area subject to the dredge operation; and c) Quantity of material (in tonnes) subject to the dredge operation; and d) Expected end date of the dredge operation. 	Removal of item (c)
<p>Condition WT2.0</p> <p>Water quality monitoring</p>	Minimum monitoring frequency change to minimum once daily during dredging.

Water quality monitoring must occur during the **activity**.
 Water quality monitoring must be in accordance with *Table 3 – Water quality release limits*.

Table 3 – water quality monitoring

Monitoring Points	Quality Characteristics	Type	Minimum monitoring frequency
Background site (B) 500 meters up current of dredging site in Daintree River	Dissolved Oxygen Turbidity pH Temperature Secchi	% saturation NTU pH °C M	Minimum twice daily, mid flood tide and mid ebb tide during dredging
Impacted Site (1) 500 metres down current of dredging site in Daintree River.			

Associated monitoring requirements

1. Monitoring must be in accordance with the methods prescribed in the current edition of the Department of Environment, Science and Innovation *Monitoring and Sampling Manual*.
2. Water and sediment samples must be representative of the general condition of the water body or sediments.
3. All determinations must employ analytical practical quantification limits of sufficient sensitivity to enable comparisons to be made against water quality objectives/triggers/limits relevant to the particular water or sediment quality characteristic.
4. All monitoring devices must be calibrated and maintained according to the manufacturer’s instruction manual.

3 Reasons for the decision

- (a) The decision complies with the *Environmental Protection Act 1994*, ensuring that statutory obligations to protect the environment and prevent harm are upheld.
- (b) The conditions imposed on the environmental authority are based on relevant and verified material facts, ensuring they are proportionate to the identified risks and impacts, evidence-based, and directly address the identified environmental risks and impacts.
- (c) Procedural fairness and the principles of natural justice were upheld throughout the decision-making process, ensuring that all parties were provided with a fair opportunity to present their case and that the decision was made impartially and based on relevant evidence.
- (d) The conditions are considered necessary and desirable to achieve the object of the *Environmental Protection Act 1994*.

Decision about application for an environmental authority

4 Annual fee

The first annual fee is payable within 20 business days of the effective date shown in the attached environmental authority.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

5 Human rights

A human rights assessment was carried out in relation to this decision/action and it was determined that the decision is compatible with human rights.

6 Review and appeal rights

You may apply to the administering authority for a review of this decision within 10 business days after receiving this notice. You may also appeal against this decision to the relevant court. Information about your review and appeal rights is attached to this notice. This information is guidance only and you may have other legal rights and obligations.

Should you have any questions about the notice, please contact Permits and Licencing using the details provided below.



Signature

28/4/2026

Date

Amanda Gray

Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Permits and Licence Management
Department of the Environment,
Tourism, Science and Innovation
Phone: 1300 130 372 (option 4)
Email: palm@detsi.qld.gov.au

Attachments

Environmental authority P-EA-101041374

Information sheet: Internal review and appeal (ESR/2015/1742)

Information sheet

Environmental Protection Act 1994

Internal review and appeals

This information sheet gives a summary of the process for the review of decisions and appeals to the Land Court and the Planning and Environment Court under sections 519 to 539 of the Environmental Protection Act 1994 and subordinate legislation.

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Version history

Version	Date	Description
1.00	13 August 2015	First published version of the guideline.
2.00	13 August 2015	Minor changes and references to legislation updated.
3.00	10 October 2016	Updated to reflect latest version of <i>Environmental Protection Act 1994</i> .
3.01	6 July 2017	Replaced references to the <i>Sustainable Planning Act 2009</i> with <i>Planning Act 2016</i> (commenced 3 July 2017).
3.02	13 June 2018	The document template, header and footer have been updated to reflect current Queensland Government corporate identity requirements and comply with the Policy Register.
4.00	01 April 2019	Update of conditions relating to financial assurance to reflect the introduction of the Mineral and Energy Resources (Financial Provisioning) Act 2018 and the subsequent changes to the Environmental Protection Act 1994.
5.00	1 November 2019	Updated for the commencement of the progressive rehabilitation and closure plan framework.
6.00	15 September 2020	Updated to reflect changes introduced by the <i>Environmental Protection and Other Legislation Amendment Act 2020</i> .
6.01	14 April 2022	Facsimile number removed.
6.02	30 November 2023	Minor update to reflect changes introduced by the <i>Environmental Protection and Other Legislation Amendment Act 2023</i> .
6.03	20 March 2024	Document rebranded to align with machinery of government changes.

Information sheet

Internal review and appeals

6.04	8 August 2024	Removed references to <i>Internal review and appeal to Planning and Environment Court</i> (ESR/2015/1572) in the heading text. That document has been merged with this document (ESR/2015/1742). ESR/2015/1572 has been repealed and archived. References to that document has been removed.
7.00	26 May 2025	Document rebranded to align with machinery of government changes. Updates made to reflect Environmental Protection (Powers and Penalties) and Other Legislation Amendment Act 2024.
7.01	10 November 2025	Document rebranded to align with Delivering for Queensland changes. Updated link to Application for review of original decision (ESR/2015/1573)

1 Introduction

The *Environmental Protection Act 1994* (EP Act) includes provisions for the internal review and appeal of certain decisions made under the EP Act.

The decisions that are subject to internal review are referred to as 'original decisions' in Schedule 2 of the EP Act and subordinate legislation.

A person who is dissatisfied with an original decision made by the Department of the Environment, Tourism, Science and Innovation (the department) may apply to have that decision internally reviewed¹. Generally, an application for a review of an original decision must be:

- made within 10 business days of the receiving a notice about the original decision or from when the department is taken to have made the decision;
- supported by enough information to enable the department to decide the review application; and
- made using the approved form [Application for review of original decision](#) (ESR/2015/1573²).

Where an application has been made for a review of an original decision, the applicant may also apply to the relevant court for a stay of the decision to secure the effectiveness of the review and any later appeal.

Once the original decision has been reviewed, a person who is dissatisfied with the review decision may be able to appeal against that decision to the relevant court within 22 business days of receiving the notice about the review decision. Schedule 2, Part 3 includes original decisions for internal review only.

1.1 What is the relevant court?

1.1.1 Land Court

Original decisions mentioned in Schedule 2, Part 1 are subject to Land Court appeal. These decisions generally relate to environmental authorities for resource activities.

The EP Act confers jurisdiction to the Land Court to hear and determine matters relating to natural resource issues, including appeals against decisions concerning the grant of mining tenures and other state land interests.

1.1.2 Planning and Environment Court

Original decisions mentioned in Schedule 2, Part 2 can be appealed against to the Planning and Environment Court. These decisions generally relate to environmental authorities for prescribed environmentally relevant activities.

The Planning and Environment Court is constituted by judges and hears matters including those relating to planning and development, environmental protection and management, nature conservation and heritage.

The relevant sections of Chapter 11, Part 3 of the EP Act that provide for the review of decisions and appeals are outlined below.

¹ Note: In accordance with section 521(14) internal reviews are not undertaken for an original decision to issue a clean-up notice.

² This form is available on the Queensland Government website at www.qld.gov.au, using the publication number ESR/2015/1573 as a search term.

1.2 Chapter 11—Administration, Part 3—Review of decisions and appeals

1.2.1 Division 1—Interpretation

1.2.1.1 Section 519 Original decisions

- (1) A decision mentioned in schedule 2 is an 'original decision'.
- (2) A decision under an environmental protection policy or regulation that the policy or regulation declares to be a decision to which this part applies is also an original decision.

1.2.1.2 Section 520 Dissatisfied person

- (1) A dissatisfied person, for an original or review decision, is—
 - (a) if the decision is about an environmental impact statement (EIS) or the EIS process for an EIS—the relevant proponent under chapter 3, part 1, for the project to which the EIS relates; or
 - (b) if the decision is about an application for an environmental authority or proposed PRCP plan for the application—the applicant; or
 - (c) if the decision is about an environmental authority, including financial assurance for the environmental authority, or a PRCP schedule—the holder of the authority or schedule; or
 - (d) if the decision is about an application for registration of a person as a suitable operator—the applicant; or
 - (e) if the decision is about a registered suitable operator—the operator; or
 - (f) if the decision is about taking action after receiving an audit report for an audit of a PRCP schedule—the holder of the schedule; or
 - (g) if the decision is to refuse an application to recognise an accreditation program for an agricultural ERA – the applicant; or
 - (h) if the decision is about a recognised accreditation program for an agricultural ERA – the owner of the program; or
 - (i) if the decision is to give an audit notice under section 322, 322A or 323—the recipient; or
 - (j) if the decision is to conduct an environmental audit or prepare an environmental report for an audit under section 326—the relevant environmental authority holder; or
 - (k) if the decision is about an environmental investigation or environmental enforcement order – the recipient; or
 - (l) if the decision is about a transitional environmental program—the holder of the program or person or public authority that is required to apply for the issue of the program; or
 - (m) if the decision is about a temporary emissions licence—
 - (i) the applicant for the licence; or
 - (ii) the holder of the licence; or
 - (n) if the decision is to issue a cost recovery notice—the recipient; or

- (o) if the decision is about recording particulars of land in, or removing particulars of land from, the environmental management register or contaminated land register—the land’s owner; or
 - (o) if the decision is about a site management plan for contaminated land—
 - (i) the recipient for the notice to prepare or commission the site management plan, other than for a decision under section 399; and
 - (ii) the land’s owner; and
 - (iii) if another person prepares or commissions the plan—the other person, other than for a decision under section 399; or
 - (p) if the decision is about erecting signs on contaminated land—the land’s owner; or
 - (q) if the decision is about a disposal permit—the applicant for the permit; or
 - (r) if the decision is about an exemption under chapter 8, part 3F, division 3—the person applying for, or given, the exemption; or
 - (s) if the decision is to give a notice under section 451(1)—the person to whom the notice is given; or
 - (t) if the decision is about an application for approval as an auditor under chapter 12, part 3A, division 2—the applicant; or
 - (u) if the decision is about an auditor—the auditor; or
 - (v) if the decision is about a complaint under chapter 12, part 3A, division 5—the person who made the complaint; or
 - (w) if the decision is about a conversion application under section 695—the applicant; or
 - (x) if the decision is a decision under an environmental protection policy or a regulation that the policy or regulation declares to be a decision to which this part applies—the person declared under the policy or regulation to be a dissatisfied person for the decision.
- (2) A submitter for an application is also a dissatisfied person if the decision is about—
- (a) a site-specific application for an environmental authority for a petroleum activity; or
 - (b) an amendment application under chapter 5, part 7 for an environmental authority for a resource activity, other than a mining activity; or
 - (c) an application for the issue of a transitional environmental program to which section 335 applies.

2 Internal review of decisions

The relevant section of the EP Act regarding the process for the internal review of original decisions is outlined below.

2.1 Division 2—Internal review of decisions

2.1.1.1 Section 521 Procedure for review

- (1) A dissatisfied person may apply for a review of an original decision.

- (2) The application must—
 - (a) be made in the approved form to the administering authority within the following period (the 'review application period')—
 - (i) 10 business days¹ after the day on which the person receives notice of the original decision or the administering authority is taken to have made the decision (the 'review date');
 - (ii) the longer period the authority in special circumstances allows; and
 - (b) be supported by enough information to enable the authority to decide the application.
- (3) The administering authority must, within 5 business days after the end of the review application period or, if 2 or more applications are received in relation to the original decision, the end of the latest of the review application periods, send the following documents to the other persons who were given notice under this Act of the original decision—
 - (a) notice of the application (the 'review notice');
 - (b) either-
 - (i) a copy of the application and supporting documents; or
 - (ii) details of where a copy of the application and supporting documents may be inspected or accessed.
- (4) The review notice must inform the recipient that submission on the application may be made to the administering authority within 5 business days (the 'submission period') after the day the authority sends the review notice to the recipient.
- (5) If the administering authority receives only 1 application in relation to the original decision and is satisfied the applicant has complied with subsection (2), the authority must, within the decision period—
 - (a) review the original decision;
 - (b) consider any submissions properly made by a recipient of the review notice; and
 - (c) make a decision (the 'review decision') to—
 - (i) confirm or revoke the original decision; or
 - (ii) vary the original decision in a way the administering authority considers appropriate.
- (6) If the administering authority receives 2 or more applications in relation to the original decision and is satisfied the applicants have complied with subsection (2), the authority must, within the decision period-
 - (a) review the original decision; and
 - (b) consider any submissions properly made by a recipient of any of the review notices; and
 - (c) make 1 decision (also the 'review decision') in relation to the applications to-
 - (i) confirm or revoke the original decision; or
 - (ii) vary the original decision in a way the administering authority considers appropriate.
- (7) The application does not stay (i.e. suspend or stop) the original decision.

Note- See part 3, division 4 in relation to stays.

- (8) The application must not be dealt with by—
 - (a) the person who made the original decision; or
 - (b) a person in a less senior office than the person who made the original decision.

- (9) Within 10 business days after making the review decision, the administering authority must give written notice of the decision to the applicant and persons who were given notice under this Act of the original decision.
- (10) The notice must—
- (a) include the reasons for the review decision; and
 - (b) inform the persons of their right of appeal against the decision.
- (11) If the administering authority does not comply with subsection (5), (6) or (9), the authority is taken to have made a decision confirming the original decision.
- (12) Subsection (8) applies despite the *Acts Interpretation Act 1954*, s. 27A.
- (13) This section does not apply to an original decision made by—
- (a) for a matter, the administration and enforcement of which has been devolved to a local government—the local government itself or the chief executive officer of the local government personally; or
 - (b) for another matter—the chief executive personally.
- (14) Also, this section does not apply to an original decision to issue an environmental enforcement order under section 362(2)(a).
- (15) In this section—
- 'decision period'*, for a review of an original decision, means—
- (a) if only 1 application is received in relation to the original decision and a submission is received within the submission period—
 - (i) 20 business days after the administering authority receives the application; or
 - (ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or
 - (b) if only 1 application is received in relation to the original decision and no submissions are received within the submission period—
 - (i) 15 business days after the administering authority receives the application; or
 - (ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or
 - (c) if 2 or more applications are received in relation to the original decision and a submission is received within the submission period for at least 1 of the applications—
 - (i) 20 business days after the administering authority receives the latest of the applications; or
 - (ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or
 - (d) if 2 or more applications are received in relation to the original decision and no submissions are received within the submission period for any of the applications—
 - (i) 15 business days after the administering authority receives the latest of the applications; or
 - (ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides.

3 Appeals to Land Court

The relevant sections of the EP Act regarding the process for appealing against a decision to the Land Court are outlined below.

3.1 Division 3—Appeals

3.1.1 Subdivision 1—Appeals to Land Court

3.1.1.1 *Section 523 Review decisions subject to Land Court appeal*

This subdivision applies if the administering authority makes a review decision for an original decision mentioned in schedule 2, part 1.

3.1.1.2 *Section 524 Right of appeal*

A dissatisfied person who is dissatisfied with the review decision may appeal against the decision to the Land Court.

3.1.1.3 *Section 525 Appeal period*

- (1) The appeal must be started within 22 business days after the appellant receives notice of the review decision.
- (2) However, the Land Court may at any time extend the time for starting the appeal.

3.1.1.4 *Section 526 Land Court mediation*

- (1) Any party to the appeal may, at any time before the appeal is decided, ask the Land Court to conduct or provide mediation for the appeal.
- (2) The mediation must be conducted by the Land Court or a mediator chosen by the Land Court².

3.1.1.5 *Section 527 Nature of appeal*

The appeal is by way of rehearing, unaffected by the review decision.

3.1.1.6 *Section 528 Land Court's powers for appeal*

In deciding the appeal, the Land Court has the same powers as the administering authority.

3.1.1.7 *Section 530 Decision for appeals*

- (1) In deciding the appeal, the Land Court may—
 - (a) confirm the review decision; or
 - (b) set aside the decision and substitute another decision; or
 - (c) set aside the decision and return the matter to the administering authority who made the decision, with directions the Land Court considers appropriate.
- (2) In setting aside or substituting the decision, the Land Court has the same powers as the authority unless otherwise expressly stated.
- (3) However, this part does not apply to a power exercised under subsection (2).
- (4) If the Land Court substitutes another decision, the substituted decision is taken for this Act, other than this subdivision, to be the authority's decision.

4 Appeals to the Court

The relevant sections of the EP Act regarding the process for appealing against a decision to the Court are outlined below.

4.1 Division 3—Appeals

4.1.1 Subdivision 2—Appeals to Court

4.1.1.1 *Section 531 Who may appeal*

- (1) A dissatisfied person who is dissatisfied with a review decision may appeal against the decision to the Court.
- (2) However, the following review decisions cannot be appealed against to the Court—
 - (a) a review decision to which subdivision 1³ applies;
 - (b) a review decision that relates to an original decision mentioned in Schedule 2, Part 3⁴.
- (3) The chief executive may appeal against another administering authority's decision (whether an original or review decision) to the Court.
- (4) A dissatisfied person who is dissatisfied with an original decision to which s. 521 does not apply may appeal against the decision to the Court.

4.1.1.2 *Section 532 How to start appeal*

- (1) An appeal is started by—
 - (a) filing written notice of appeal with the registrar of the Court; and
 - (b) complying with rules of court applicable to the appeal.
- (2) The notice of appeal must be filed—
 - (a) if the appellant is the chief executive—within 33 business days after the decision is made or taken to have been made; or
 - (b) if the appellant is not the chief executive—within 22 business days after the day the appellant receives notice of the decision or the decision is taken to have been made.
- (3) The Court may at any time extend the period for filing the notice of appeal.
- (4) The notice of appeal must state fully the grounds of the appeal and the facts relied on.

4.1.1.3 *Section 533 Appellant to give notice of appeal to other parties*

- (1) Within 8 business days after filing the notice of appeal, the appellant must serve notice of the appeal on—
 - (a) if the appellant is the chief executive—all persons who were given notice under this Act of the original decision; or
 - (b) if the appellant is not the chief executive—the other persons who were given notice under this Act of the original decision.
- (2) The notice must inform the persons that, within 10 business days after service of the notice of appeal, they may elect to become a respondent to the appeal by filing in the Court a notice of election under rules of court.

4.1.1.4 Section 534 Persons may elect to become respondents to appeal

A person who properly files in the Court a notice of election becomes a respondent to the appeal.

4.1.1.5 Section 536 Hearing procedures

- (1) The procedure for an appeal is to be in accordance with the rules of court applicable to the appeal or, if the rules make no provision or insufficient provision, in accordance with directions of the judge.
- (2) An appeal is by way of rehearing, unaffected by the administering authority's decision.

4.1.1.6 Section 537 Assessors

If the judge hearing an appeal is satisfied the appeal involves a question of special knowledge and skill, the judge may appoint 1 or more assessors to help the judge in deciding the appeal.

4.1.1.7 Section 538 Appeals may be heard with planning appeals

- (1) This section applies if—
 - (a) a person appeals against an administering authority's decision (whether an original or review decision) about an application for an environmental authority for a prescribed ERA; and
 - (b) a person appeals against the assessment manager's decision under the Planning Act about a planning or development matter for the premises to which the application for the authority relates.
- (2) The Court may order—
 - (a) the appeals to be heard together or 1 immediately after the other; or
 - (b) 1 appeal to be stayed until the other has been decided.
- (3) This section applies even though the parties, or all of the parties, to the appeals are not the same.

4.1.1.8 Section 539 Powers of Court on appeal

- (1) In deciding an appeal, the Court may—
 - (a) confirm the decision appealed against; or
 - (b) vary the decision appealed against; or
 - (c) set aside the decision appealed against and make a decision in substitution for the decision set aside.
- (2) If on appeal the Court acts under subsection (1)(b) or (c), the decision is taken, for this Act (other than this part), to be that of the administering authority.

5 Stays

5.1 Division 4 — Stays

5.1.1.1 Section 539A Stay of operation of original decisions for internal review

- (1) If an application is made for internal review of an original decision mentioned in Schedule 2, Part 1 or 2, the applicant may immediately apply for a stay of the decision to—
 - (a) for an original decision mentioned in Schedule 2, Part 1—the Land Court; or
 - (b) for an original decision mentioned in Schedule 2, Part 2—the Court.
- (2) The Land Court or the Court may stay the decision only if it considers the stay is desirable having regard to the following—
 - (a) the interests of any person whose interests may be affected by the granting of the stay or the stay not being granted;
 - (b) any submission made to the Land Court or the Court by the entity that made the original decision;
 - (c) the public interest.
- (3) A stay may be given on conditions the Land Court or the Court considers appropriate and has effect for the period stated by the Land Court or the Court.
- (4) The period of a stay must not extend past the end of the period within which an appeal against the review decision may be started under section 525 or 532.
- (5) This section applies subject to sections 539C and 539D.
- (6) In this section—

'internal review', of an original decision, means a review of the decision under section 521.

5.1.1.2 Section 539B Stay of operation of decisions appealed against to Land Court or Court

- (1) This section applies to—
 - (a) an original decision appealed against to the Court if section 521 does not apply to the decision; or
 - (b) an original decision appealed against to the Land Court or the Court if the decision is confirmed or varied by a review decision.
- (2) The Land Court or the Court may grant a stay of a decision appealed against to secure the effectiveness of the appeal.
- (3) A stay may be granted on conditions the Land Court or the Court considers appropriate and has effect for the period stated by the Land Court or the Court.
- (4) The period of a stay must not extend past the time when the Land Court or the Court decides the appeal.
- (5) An appeal against a decision does not affect the operation or carrying out of the decision unless the decision is stayed.
- (6) This section applies subject to sections 539C to 539E.

5.1.1.3 Section 539C Stay of decision about financial assurance

- (1) This section applies to an application under section 539A or 539B for a stay of a decision about the amount of financial assurance required under a condition of an environmental authority.
- (2) The decision may not be stayed unless the administering authority has been given security for at least 75% of the amount of financial assurance that was decided by the administering authority.

5.1.1.4 Section 539D Stay of particular decisions if unacceptable risk of environmental harm

- (1) This section applies to an application under section 539A or 539B for a stay of a decision—

- (a) to ask the scheme manager for a payment of costs and expenses under section 316G; or
 - (b) to make a claim on or realise an EPA assurance under section 316G; or
 - (c) to issue an environmental enforcement order under section 362, other than an environmental enforcement order to which section 539E applies.
- (2) The Land Court or the Court must refuse the application if satisfied there would be an unacceptable risk of serious or material environmental harm if the stay were granted.

5.1.1.5 Section 539E Stay of decision to issue an environmental enforcement order in particular circumstances

- (1) This section applies to an application under section 539B for a stay of a decision to issue an environmental enforcement order under section 362(2)(a).
- (2) In deciding the application, the Court must have regard to—
- (a) the quantity and quality of contamination of the environment that is likely to be caused if the stay is granted; and
 - (b) the proximity of the place at or from which the contamination incident is happening or happened to a place with environmental values that may be adversely affected by the contamination.

5.1.1.6 Section 539F Effect of stay of ERC decision

- (1) This section applies if 1 of the following decisions is stayed –
- (a) an original decision that is an ERC decision;
 - (b) an original decision appealed against to the Land Court if the decision is an ERC decision that is confirmed or varied by a review decision.
- (2) Despite the stay the decision remains in effect for section 297 and the *Mineral and Energy Resources (Financial Provisioning) Act 2018*.
- (3) However, if the holder of the environmental authority in relation to which the ERC decision has been made is required to give a surety under the *Mineral and Energy Resources (Financial Provisioning) Act 2018*, the holder is only required, during the period of the stay, to give a surety of 75% of the amount required.

6 Judicial review

Under the *Judicial Review Act 1991*, a person whose interests would be adversely affected by a decision made by the department has the right to:

- request a statement of reasons explaining a decision; and
- apply to the Supreme Court for a review of a decision if they are not satisfied with the statement of reasons for that decision.

Disclaimer

While this document has been prepared with care it contains general information and does not profess to offer legal, professional or commercial advice. The Queensland Government accepts no liability for any external decisions or actions taken on the basis of this document. Persons external to the Department of the Environment, Tourism, Science and Innovation should satisfy themselves independently and by consulting their own professional advisors before embarking on any proposed course of action.

Approved:

15 September 2020

Enquiries:

Permit and Licence Management
Ph. 1300 130 372 (select option 4)
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¹ Under the *Environmental Protection Act 1994* business days— does not include a business day that occurs during the period starting on 20 December in a year and ending on 5 January in the following year¹.

² For information on how to start the appeal, see the *Land Court Rules 2000*. For information on the conduct of the mediation, see the *Land Court Act 2000*. Information is also available on the [Land Court website](#).

³ Subdivision 1 is about appeals to the Land Court.

⁴ Original decisions mentioned in Schedule 2, Part 3 are original decisions for internal review only.

Reasons for Decision

1. The reasons for this decision are:
 - a. Sections 60, 62 and 63 of the Planning Act 2016:
 - b. to ensure the development satisfies the benchmarks of the 2018 Douglas Shire Planning Scheme Version 1.0 to the extent relevant to the proposed works; and
 - c. to ensure compliance with the Planning Act 2016.
2. Findings on material questions of fact:
 - a. the development application was properly lodged to the Douglas Shire Council on 20 October 2025 under section 51 of the Planning Act 2016 and Part 1 of the Development Assessment Rules;
 - b. the development application contained information from the applicant which Council reviewed together with Council's own assessment against the 2018 Douglas Shire Planning Scheme Version 1.0 in making its assessment manager decision.
3. Evidence or other material on which findings were based:
 - a. the development triggered assessable development under the Planning Regulation 2017& the respective Assessment Table for the applicable zone in the Planning Scheme;
 - b. Council undertook an assessment in accordance with the provisions of sections 60, 62 and 63 of the Planning Act 2016; and
 - c. the applicant's reasons have been considered and the following findings are made:
 - i. Subject to conditions, the development satisfactorily meets the Planning Scheme benchmarks.

relevant preliminary approval means a preliminary approval given under the old Act by an entity other than a private certifier.

Division 2 Changing development approvals

Subdivision 1 Changes during appeal period

74 What this subdivision is about

- (1) This subdivision is about changing a development approval before the applicant's appeal period for the approval ends.
- (2) This subdivision also applies to an approval of a change application, other than a change application for a minor change to a development approval.
- (3) For subsection (2), sections 75 and 76 apply—
 - (a) as if a reference in section 75 to a development approval were a reference to an approval of a change application; and
 - (b) as if a reference in the sections to the assessment manager were a reference to the responsible entity; and
 - (c) as if a reference in section 76 to a development application were a reference to a change application; and
 - (d) as if the reference in section 76(3)(b) to section 63(2) and (3) were a reference to section 83(4); and
 - (e) with any other necessary changes.

75 Making change representations

- (1) The applicant may make representations (*change representations*) to the assessment manager, during the applicant's appeal period for the development approval, about changing—

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- (a) a matter in the development approval, other than—
 - (i) a matter stated because of a referral agency's response; or
 - (ii) a development condition imposed under a direction given by the Minister under part 6, division 2; or
 - (iii) a development condition imposed under a direction given by the chief executive under section 106ZF(2); or
 - (b) if the development approval is a deemed approval—the standard conditions taken to be included in the deemed approval under section 64(8)(d).
- (2) If the applicant needs more time to make the change representations, the applicant may, during the applicant's appeal period for the approval, suspend the appeal period by a notice given to the assessment manager.
 - (3) Only 1 notice may be given.
 - (4) If a notice is given, the appeal period is suspended—
 - (a) if the change representations are not made within a period of 20 business days after the notice is given to the assessment manager—until the end of that period; or
 - (b) if the change representations are made within 20 business days after the notice is given to the assessment manager, until—
 - (i) the applicant withdraws the notice, by giving another notice to the assessment manager; or
 - (ii) the assessment manager gives the applicant the decision notice for the change representations; or
 - (iii) the end of 20 business days after the change representations are made, or a longer period agreed in writing between the applicant and the assessment manager.
 - (5) If the applicant makes the change representations during the appeal period without giving a notice under subsection (2),

the appeal period is suspended from the day the representations are made until—

- (a) the applicant withdraws the change representations by notice given to the assessment manager; or
 - (b) the assessment manager gives the applicant the decision notice for the change representations; or
 - (c) the end of 20 business days after the change representations are made, or a longer period agreed in writing between the applicant and the assessment manager.
- (6) Despite subsections (4) and (5), if the decision notice mentioned in subsection (4)(b)(ii) or (5)(b) is a negotiated decision notice, the appeal period starts again on the day after the negotiated decision notice is given.

76 Deciding change representations

- (1) The assessment manager must assess the change representations against and having regard to the matters that must be considered when assessing a development application, to the extent those matters are relevant.

Note—

For change representations for a development approval for development requiring social impact assessment, see also section 106ZI.

- (2) The assessment manager must, within 5 business days after deciding the change representations, give a decision notice to—
- (a) the applicant; and
 - (b) if the assessment manager agrees with any of the change representations—
 - (i) each principal submitter; and
 - (ii) each referral agency; and
 - (iii) if the assessment manager is not a local government and the development is in a local

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- government area—the relevant local government;
and
- (iv) if the assessment manager is a chosen assessment manager—the prescribed assessment manager; and
 - (v) another person prescribed by regulation.
- (3) A decision notice (a *negotiated decision notice*) that states the assessment manager agrees with a change representation must—
- (a) state the nature of the change agreed to; and
 - (b) comply with section 63(2) and (3).
- (4) A negotiated decision notice replaces the decision notice for the development application.
- (5) Only 1 negotiated decision notice may be given.
- (6) If a negotiated decision notice is given to an applicant, a local government may give a replacement infrastructure charges notice to the applicant.

Subdivision 2 Changes after appeal period

77 What this subdivision is about

This subdivision is about changing a development approval, other than the currency period, after all appeal periods in relation to the approval end.

78 Making change application

- (1) A person may make an application (a *change application*) to change a development approval.

Note—

For the making of a change application for a development approval that was a PDA development approval, see also the *Economic Development Act 2012*, sections 51AM, 51AN and 51AO.

Extracts from the Planning Act 2016 – Appeal Rights

Planning Act 2016
Chapter 6 Dispute resolution

[s 229]

- (2) The person is taken to have engaged in the representative's conduct, unless the person proves the person could not have prevented the conduct by exercising reasonable diligence.
- (3) In this section—
 - conduct* means an act or omission.
 - representative* means—
 - (a) of a corporation—an executive officer, employee or agent of the corporation; or
 - (b) of an individual—an employee or agent of the individual.
 - state of mind*, of a person, includes the person's—
 - (a) knowledge, intention, opinion, belief or purpose; and
 - (b) reasons for the intention, opinion, belief or purpose.

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.

Note—

For limitations on appeal rights in relation to a development approval for development requiring social impact assessment, see section 106ZJ.

- (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 a decision of the Minister, under chapter 7, part 4, to amend the registration of premises to include additional land in the affected area for the premises—20 business days after the day a notice is published under section 269A(2)(a); or
 - (e) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
 - (f) 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
 - (g) for an appeal relating to the *Plumbing and Drainage Act 2018*—
 - (i) for an appeal against an enforcement notice given because of a belief mentioned in the *Plumbing and*

Drainage Act 2018, section 143(2)(a)(i), (b) or (c)—5 business days after the day the notice is given; or

- (ii) for an appeal against a decision of a local government or an inspector to give an action notice under the *Plumbing and Drainage Act 2018*—5 business days after the notice is given; or
 - (iii) for an appeal against a failure to make a decision about an application or other matter under the *Plumbing and Drainage Act 2018*—at anytime after the period within which the application or matter was required to be decided ends; or
 - (iv) otherwise—20 business days after the day the notice is given; or
- (h) 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) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
 - (a) the adopted charge itself; or
 - (b) for a decision about an offset or refund—
 - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
 - (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

230 Notice of appeal

- (1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that—
 - (a) is in the approved form; and
 - (b) succinctly states the grounds of the appeal.
- (2) The notice of appeal must be accompanied by the required fee.
- (3) The appellant or, for an appeal to a tribunal, the registrar, must, within the service period, give a copy of the notice of appeal to—
 - (a) the respondent for the appeal; and
 - (b) each co-respondent for the appeal; and
 - (c) for an appeal about a development application under schedule 1, section 1, table 1, item 1—each principal submitter for the application whose submission has not been withdrawn; and
 - (d) for an appeal about a change application under schedule 1, section 1, table 1, item 2—each principal submitter for the application whose submission has not been withdrawn; and
 - (e) each person who may elect to be a co-respondent for the appeal other than an eligible submitter for a development application or change application the subject of the appeal; and
 - (f) for an appeal to the P&E Court—the chief executive; and
 - (g) for an appeal to a tribunal under another Act—any other person who the registrar considers appropriate.
- (4) The *service period* is—
 - (a) if a submitter or advice agency started the appeal in the P&E Court—2 business days after the appeal is started; or
 - (b) otherwise—10 business days after the appeal is started.

- (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
- (6) A person elects to be a co-respondent to an appeal by filing a notice of election in the approved form—
 - (a) if a copy of the notice of appeal is given to the person—within 10 business days after the copy is given to the person; or
 - (b) otherwise—within 15 business days after the notice of appeal is lodged with the registrar of the tribunal or the P&E Court.
- (7) 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 Non-appealable decisions and matters

- (1) Subject to this chapter, section 316(2), 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—

decision includes—

 - (a) conduct engaged in for the purpose of making a decision; and
 - (b) other conduct that relates to the making of a decision; and

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- (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.

Part 2 Development tribunal

Division 1 General

233 Appointment of referees

- (1) The Minister, or chief executive, (the **appointer**) may appoint a person to be a referee, by an appointment notice, if the appointer considers the person—