

REGIONAL INTERESTS DEVELOPMENT APPROVAL (RIDA) - RPI24/030 Longreach Regional Council - Thomson River Weir Project (Given under section 53 of the *Regional Planning Interests Act 2014*)

Date: 19 March 2025

Description of the land

Real property description: Lot 101 SP340142 (formerly Lot 2 SP123565) and Lot 4 SP232181

Local Government Area: Longreach Regional Council

Approved regulated activity

The approved regulated activity is set out in Table 1 below.

Definitions of the approved regulated activity is provided in Table 2 below.

This development approval authorises impacts on the Channel Country Strategic Environmental Area (designated precinct) by the approved regulated activity.

Table 1: Approved regulated activity – water storage (dam)

| Area of regional interest | Location | Components of Regulated activity – water storage (dam) | Area of disturbance (hectares) |
|--|---|---|--------------------------------|
| Channel Country Strategic Environmental Area (designated precinct) | Lot 101 SP340142 (formerly Lot 2 SP123565) and Lot 4 SP232181 | Clearing of native vegetation adjacent to the weirs for construction purposes | 1.64 |
| | | Temporary laydown/storage areas in previously disturbed areas devoid of 'structural' vegetation | 1.83 |
| | | Vehicular access via existing roads and tracks | 0.00 |
| Total disturbance area | | | 3.47 |

Table 2: Definitions of approved regulated activities

| Regulated activity | Definition |
|---------------------|---|
| Water storage (dam) | <p>Raising the five (5) existing weirs by approximately one (1) metre in height, increasing the capacity of the primary Longreach Waterhole from approximately 3,300ML to approximately 4,200ML The activity also includes:</p> <ul style="list-style-type: none"> clearing of native vegetation adjacent to the weirs for construction purposes temporary laydown/storage areas in previously disturbed areas devoid of 'structural' vegetation vehicular access via existing roads and tracks. |

Regional interests conditions

A person who is the holder of, or is acting under, this RIDA must not contravene a condition of this approval.

| Condition number | Condition | Timing for condition |
|--|--|--------------------------------|
| Development footprint, full supply level and drawings | | |
| 1. | Development authorised under this approval for the Thomson River Weir Project is limited to a total footprint of 3.47 Ha, including up to 1.64 Ha of construction disturbance footprint, and up to 1.83 Ha of temporary laydown areas, as shown in <i>Figure 1-1 Project layout</i> prepared by <i>NGH Pty Ltd</i> dated 26/06/2024. The total footprint excludes existing access tracks which may be utilised. | At all times. |
| 2. | <p>No clearing of vegetation is permitted outside of the 1.64 Ha construction disturbance footprint as shown in <i>Figure 1-1 Project layout</i> prepared by <i>NGH Pty Ltd</i> dated 26/06/2024.</p> <p><i>NOTE: "Clearing of vegetation" means to remove, cut down, ringbark, push over, poison or destroy vegetation in any way including by burning, or lopping a tree. Clearing of vegetation excludes removal or treatment of environmental weeds.</i></p> | At all times. |
| 3. | <p>The development must be carried out generally in accordance with the following drawings prepared by Engeny Australia, dated 24/08/2024:</p> <ul style="list-style-type: none"> (a) QC2031-001-DWG-0301 (revision A); and (b) QC2031-001-DWG-0302 (revision A); and (c) QC2031-001-DWG-0303 (revision A); and (d) QC2031-001-DWG-0304 (revision A); and (e) QC2031-001-DWG-0305 (revision A). | For the duration of the works. |
| 4. | Submit "As Constructed drawings" to | Within 20 business |

| Condition number | Condition | Timing for condition |
|---|--|--|
| | palm@des.qld.gov.au or mail to: Department of the Environment, Tourism, Science, and Innovation Permit and Licence Management, Implementation and Support Unit GPO Box 2454, Brisbane Qld 4001 | days of the completion of the works. |
| 5. | The full supply level of the weirs must not exceed 179.6m AHD. | At all times. |
| 6. | The works are to be designed and constructed so as to dissipate energy and provide adequate protection of the surrounding bed and banks against scouring and erosion. | At all times. |
| Fish passage | | |
| 7. | The upgraded Town weir and anabranch weirs 3 and 4 are to be designed and constructed to incorporate fish passage measures to enable fish movement between the upstream and downstream sections. | At all times. |
| Construction management measures | | |
| 8. | Erosion and sediment control measures must be installed and maintained to prevent and minimise the release of sediment to the Thomson River during all construction activities in accordance with the Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association). | For the duration of the works. |
| 9. | A Stormwater and Drainage Management Plan must be prepared prior to construction works and implemented during construction. The Stormwater and Drainage Management Plan must include mitigation measures to prevent or minimise the release of contaminants to waters in accordance with <i>Procedural Guideline: Releases to waters from land development sites and construction sites 2500m² and greater</i> , and with the applicable stormwater management design objectives in Table A (Appendix 2) of the State Planning Policy 2017. | Prior to and at all times during construction works. |
| 10. | Prior to arrival on site, all vehicles and machinery are to be cleaned down in accordance with the Department of Agriculture and Fisheries (now the Department of Primary Industries) <i>Queensland Vehicle and machinery checklists Clean-down procedures 2014</i> . | At all times during construction works. |
| 11 | A Vegetation and Fauna Management Plan must be prepared and implemented. The Vegetation and Fauna Management Plan must: | At all times during construction works. |

| Condition number | Condition | Timing for condition |
|--------------------------|--|----------------------|
| | <ul style="list-style-type: none"> (a) Include procedures that ensure no trees or vegetation located outside of the 1.64 Ha construction disturbance footprint are damaged or removed during construction; and (b) Include procedures for pre-clearing surveys for the identification of fauna species that may be impacted and fauna breeding sites; and (c) Include procedures that specify the required actions in the event that fauna breeding sites are identified, or fauna is adversely impacted or injured by clearing or construction activities; and (d) Identify appropriate mitigation measures to reduce the likelihood of impacts to fauna species, including but not limited to: <ul style="list-style-type: none"> i a requirement that site activities must be carried out only during daylight hours; and ii a requirement that an appropriately trained fauna spotter/catcher be present during all vegetation clearing, habitat removal, excavation works, and other construction activities identified to potentially impact fauna; and iii a site speed limit that applies to all vehicle movement; and iv a requirement that vehicles and machinery must not traverse outside of established access tracks, the construction disturbance footprint, or temporary laydown areas; and (e) Identifies threats to environmental values through direct and indirect disturbance, ecological degradation processes, erosion or contamination from stormwater run-off, and environmental weeds; and (f) Outlines mitigation measures and management actions required for the protection of Matters of State Environmental Significance (MSES) regulated vegetation and habitat from direct and indirect impacts from the development; and (g) Identifies proposed biosecurity control measures and post-construction management actions required to prevent the spread of invasive plant species within the development area. (h) A requirement for all personnel onsite to undergo site inductions in which personnel are made aware their obligations and responsibilities under the Vegetation and Fauna Management Plan. | |
| Post-construction | | |
| 12. | A Post-construction Monitoring Program must be | Upon completion of |

| Condition number | Condition | Timing for condition |
|--|---|--|
| | <p>prepared and implemented for the purpose of:</p> <ul style="list-style-type: none"> (a) monitoring for scour or erosion in the areas immediately adjacent to and downstream of the weirs following overtopping events; and (b) monitoring for loss and recruitment/reestablishment of riparian vegetation on the banks of the Town Storage; and (c) monitoring the spread of invasive plant species and changes to the composition of native ecosystems on the banks of the Town Storage; and (d) inspecting and monitoring the performance of the fish passage and upstream/downstream species migration. | <p>the works and continuing thereafter for a period of at least 10 years.</p> |
| 13. | <p>The Post-construction Monitoring Program must:</p> <ul style="list-style-type: none"> (a) be prepared and implemented by appropriately qualified and experienced person(s); and (b) involve the preparation of inspection and monitoring reports by 30 November each year, for the preceding financial year, and submission to the Department of the Environment, Tourism, Science, and Innovation where requested; and (c) include an alert and action component, which will enable corrective measures to be taken if: <ul style="list-style-type: none"> i excessive erosion, scouring, and/or bank destabilisation is observed; or ii excessive loss of riparian vegetation and/or lack of natural recruitment and reestablishment is observed; or iii elevated presence of invasive plant species and/or evidence of environmental weeds out-competing and displacing native species; or iv any deficiencies in the fish passage or evidence of reduced species migration are detected. | <p>Upon completion of the works and continuing thereafter for a period of at least 10 years.</p> |
| Record keeping | | |
| 14. | <p>Records, including any written procedures, plans, inspection and monitoring results, complaints and corrective measures, and annual reporting required under a condition of this approval must be:</p> <ul style="list-style-type: none"> (a) kept for a period of at least 15 years; and (b) provided to the Department of the Environment, Tourism, Science and Innovation upon request and in the format requested. | <p>As noted in the condition</p> |
| Complaints and access to copy of approval | | |

| Condition number | Condition | Timing for condition |
|------------------|---|--|
| 15. | <p>(a) All complaints received, and resulting actions taken, about the impact of the approved resource activities on the environmental attributes in the Channel Country Strategic Environmental Area must be recorded. The record must include:</p> <ul style="list-style-type: none"> i name, address and contact number of the complainant ii time and date of complaint iii reasons for the complaint iv investigations undertaken v conclusions formed vi actions taken to resolve the complaint vii any abatement measures implemented viii person responsible for resolving the complaint. <p>(b) Provide records of any complaints received and recorded in accordance with this condition to the chief executive at RPIAct@dsdilgp.qld.gov.au</p> <p><i>Note: The record of complaint provided to the chief executive must state the application reference number, being RPI24/030.</i></p> | <p>(a) At all times.</p> <p>(b) Within 60 business days of receipt of a complaint.</p> |
| 16. | A full copy of the regional interests development approval must be kept on-site and available to any person(s) contracted to undertake the approved regulated activity. | At all times. |

General Advice

It is the applicant's responsibility to ensure all relevant approvals and licenses are obtained from the applicable Local, State, and/or Federal Authorities prior to works commencing on site.

In particular, the approval does not negate the requirement to obtain approvals required under other legislation prior to construction, including an entitlement to impound the resource in which these works are associated with. Authorisation under the *Water Act 2000* is required for the increase in water storage.

Attachment 1 - Approved Plans

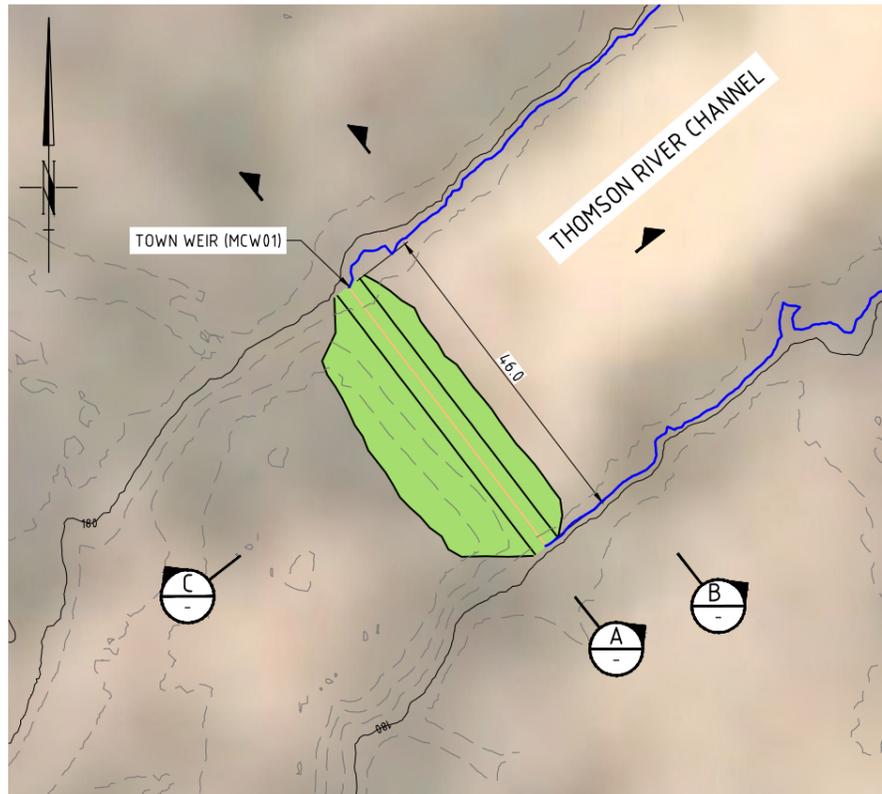


PLANS AND DOCUMENTS
referred to in the RIDA

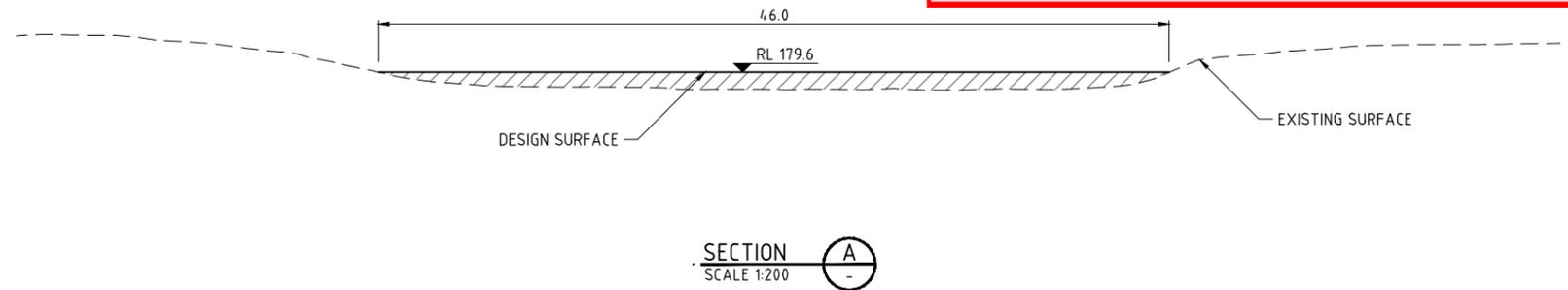


RIDA ref: RPI24/030

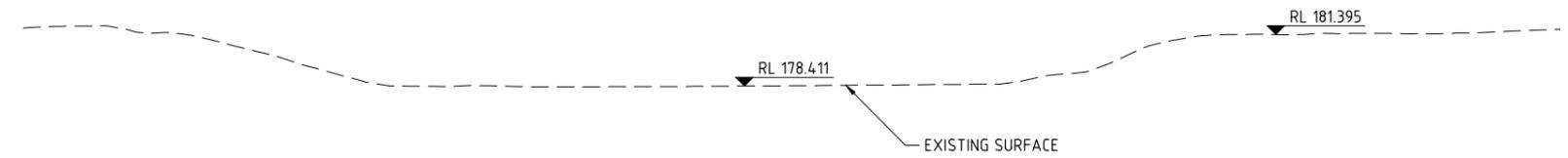
Date: 19 March 2025



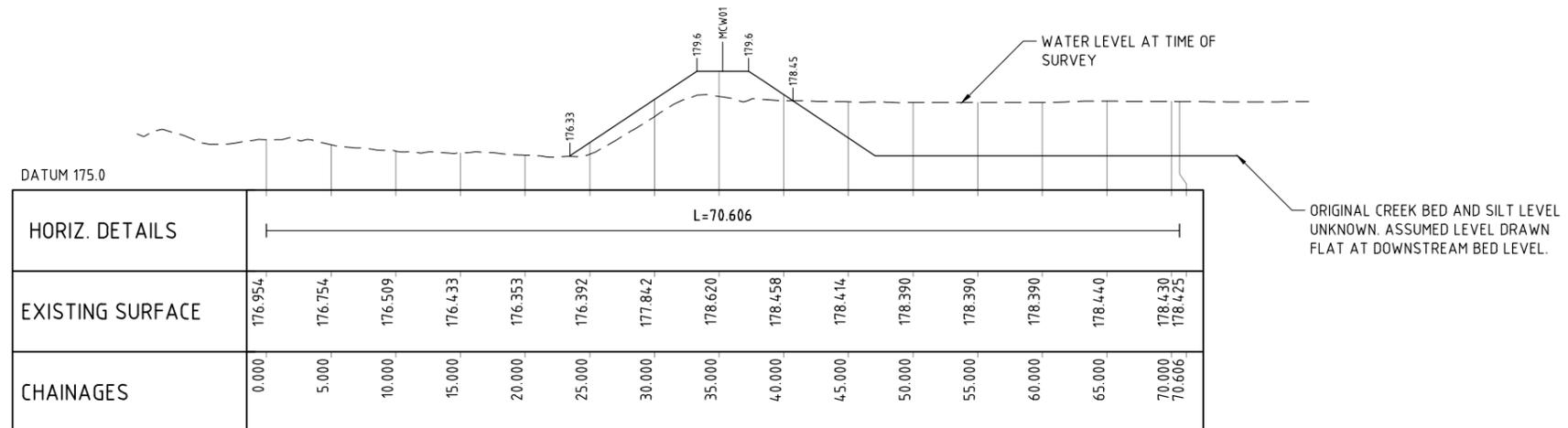
TOWN WEIR (MCW01)
SCALE 1:500



SECTION A
SCALE 1:200



SECTION B
SCALE 1:200



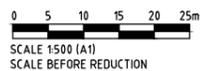
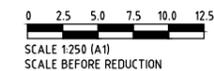
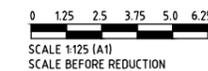
ORIGINAL CREEK BED AND SILT LEVEL UNKNOWN. ASSUMED LEVEL DRAWN FLAT AT DOWNSTREAM BED LEVEL.

LEGEND

- EXISTING SURFACE
- DESIGN SURFACE

CONTROL LINE MCW01 SECTION C (WEIR)

SCALE 1:250 HORIZ.
SCALE 1:125 VERT.



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| A | DC | 24.08.23 | ISSUED FOR REVIEW | TR | | | |



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| www.engeny.com.au | TR | TR | TR | TR |

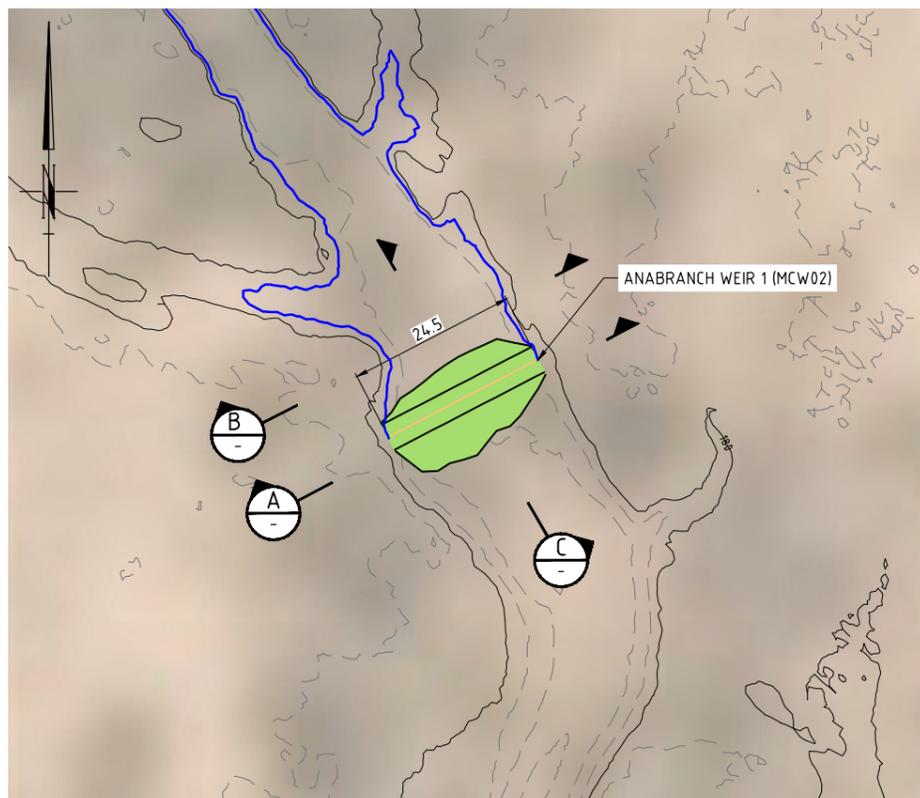
LONGREACH REGIONAL COUNCIL
TOWN WEIR UPGRADE - CONCEPT DESIGN
TYPICAL SECTIONS AND DETAILS
SHEET 1 OF 5

ORIGINAL SIZE: A1
DWG NO: QC2031-001-DWG-0301

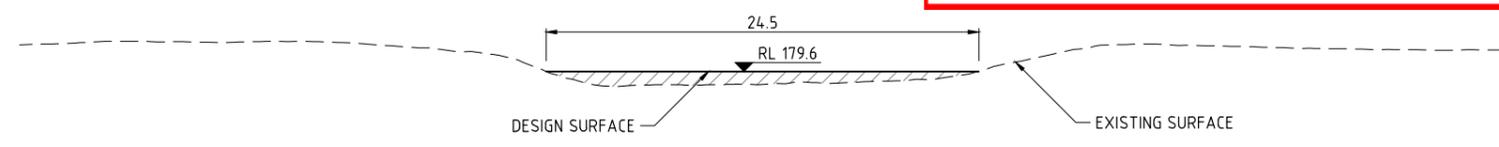
PLANS AND DOCUMENTS referred to in the RIDA

RIDA ref: **RPI24/030**

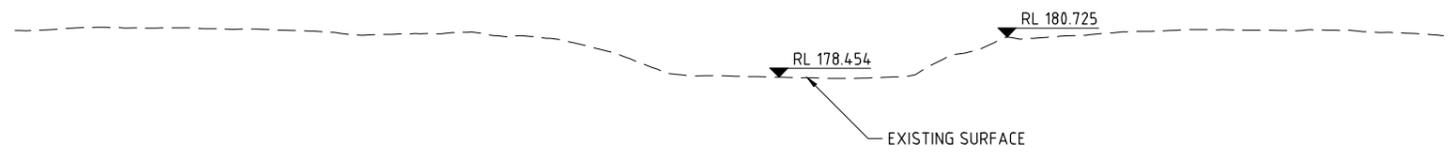
Date: **19 March 2025**

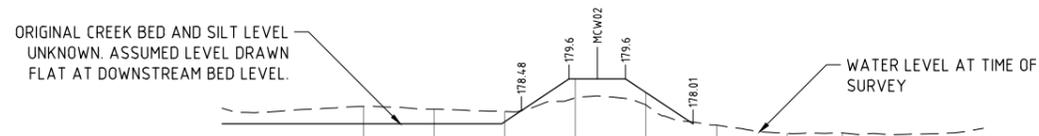
ANABRANCH WEIR 1 (MCW02)
SCALE 1:500



SECTION A
SCALE 1:200



SECTION B
SCALE 1:200



DATUM 176.0

| HORIZ. DETAILS | L=33.896 | | | | | | | |
|------------------|----------|---------|---------|---------|---------|---------|---------|---------|
| EXISTING SURFACE | 178.624 | 178.528 | 178.443 | 178.917 | 178.677 | 177.961 | 177.674 | 177.691 |
| CHAINAGES | 0.000 | 5.000 | 10.000 | 15.000 | 20.000 | 25.000 | 30.000 | 33.896 |

CONTROL LINE MCW02 SECTION C (WEIR)

SCALE 1:250 HORIZ.
SCALE 1:125 VERT.

LEGEND

--- EXISTING SURFACE

— DESIGN SURFACE



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Ph. 07 3221 7174
Level 1
500 Queen St
Brisbane QLD
www.engeny.com.au

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TOWN WEIR UPGRADE - CONCEPT DESIGN

TYPICAL SECTIONS AND DETAILS

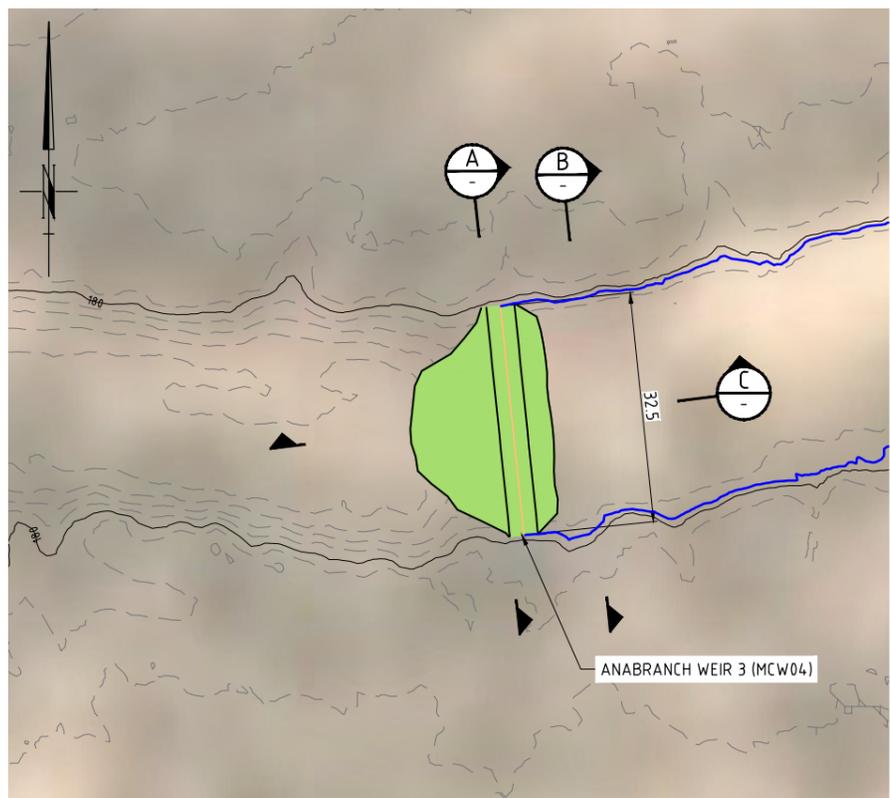
SHEET 2 OF 5

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DWG NO: QC2031-001-DWG-0302

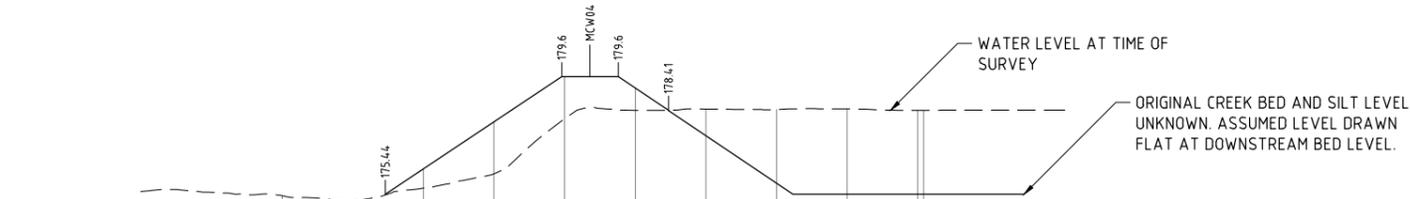
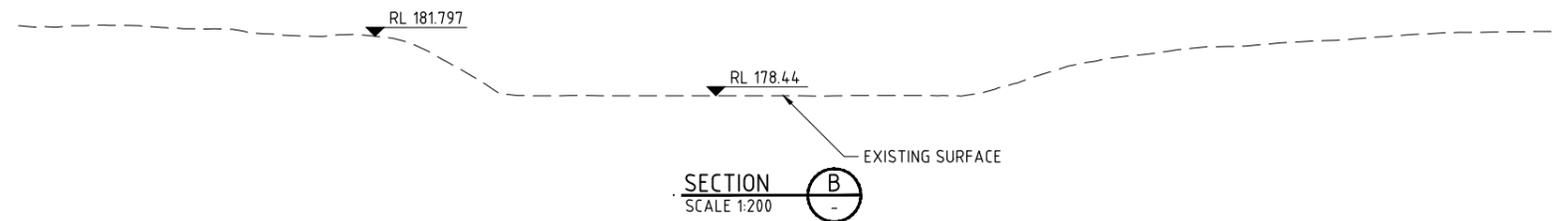
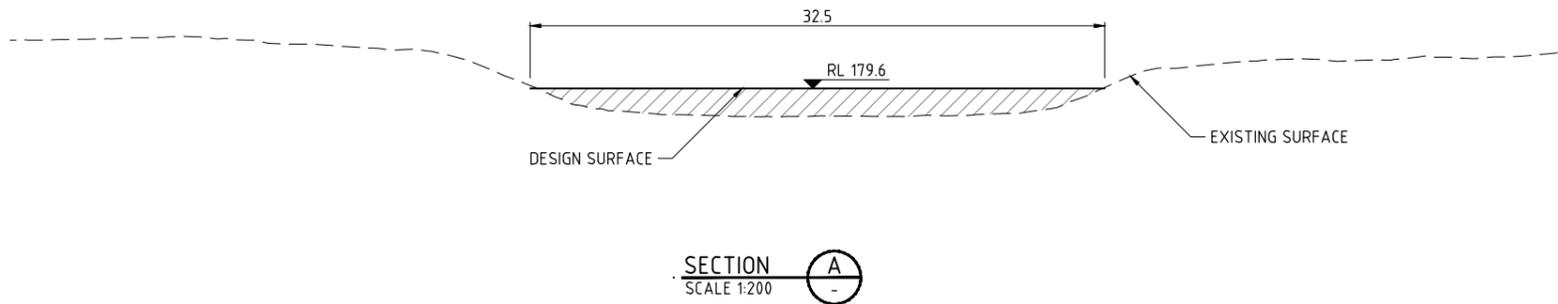
PLANS AND DOCUMENTS referred to in the RIDA

RIDA ref: RPI24/030

Date: 19 March 2025

ANABRANCH WEIR 3 (MCW04)
SCALE 1:500



DATUM 173.0

| HORIZ. DETAILS | L=45.413 | | | | | | | | | | |
|------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| EXISTING SURFACE | 175.388 | 175.203 | 175.655 | 176.161 | 178.114 | 178.402 | 178.450 | 178.431 | 178.456 | 178.400 | 178.400 |
| CHAINAGES | 0.000 | 5.000 | 10.000 | 15.000 | 20.000 | 25.000 | 30.000 | 35.000 | 40.000 | 45.000 | 45.413 |

CONTROL LINE MCW04 SECTION C (WEIR)
SCALE 1:250 HORZ.
SCALE 1:125 VERT.



LEGEND

--- EXISTING SURFACE

— DESIGN SURFACE

CAD REF: 0:\PROJECTS\C02031\LONGREACH\SMR\02031_01\THOMPSON WEIR\DESIGN\AUTOCAD\DRAWINGS\C02031-01-DWG-0304.DWG

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Ph: 07 3221 7174
Level 1
500 Queen St
Brisbane QLD
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TOWN WEIR UPGRADE - CONCEPT DESIGN

TYPICAL SECTIONS AND DETAILS

SHEET 4 OF 5

ORIGINAL SIZE: A1
DWG NO: QC2031-001-DWG-0304
REV: A

