

7.3 RICHMOND SOUTH WATER RESERVOIR NOTICE OF REQUIREMENT**Decision Required**

Report To:	Operations Committee
Meeting Date:	7 November 2024
Report Author:	Graham Rimmer, Project Manager
Report Authorisers:	Richard Kirby, Group Manager - Community Infrastructure
Report Number:	ROC24-11-3

1. Purpose of the Report / Te Take mō te Pūrongo

- 1.1 To approve and confirm a Notice of Requirement which will result in a designation being added to the Tasman Resource Management Plan (TRMP), allowing the Richmond Low Level Reservoir to proceed for construction in early 2025.
- 1.2 To confirm that a hearing is not required for the publicly notified Notice of Requirement and resource consent applications bundle for the Richmond South Reservoir in accordance with s100 of the RMA.
- 1.3 To confirm the Notice of Requirement including recommendations for any conditions to be imposed pursuant to s168A(4) of the RMA.

2. Summary / Te Tuhinga Whakarāpotō

- 2.1 The following applications for a Notice of Requirement (NOR) and associated resource consents were lodged by the Tasman District Council:
 - RM240327 NOR for the Richmond South 'water supply purposes' designation to be shown in the TRMP. The designation is for the provision of a new water supply reservoir for the for the purposes of providing reticulated water supply to existing and developing residential zones, including the deferred residential zones.
 - RM240328 Discharge consent from reservoir integrity testing/commissioning of the reservoir. Incidental discharges during installation of the outfall structure. Discharges during reservoir maintenance and from overflow (emergency) events.
 - RM 240329 Land use consent for the installation of a new outfall/discharge structure in upper Borck Creek that is >2m² in area.
- 2.2 The Council, as the applicant, has submitted a Notice of Requirement for a designation for "Water Supply Purposes" at 520 Hill Street South, Hope. The Council is a "Requiring Authority" pursuant to section 166 of the RMA. The council owns the land parcel over which the designation is sought.
- 2.3 The primary public work proposed for the site is a new water reservoir, which will form part of the wider Richmond reticulated water supply network and will service existing and developing residential areas of Richmond.
- 2.4 The Council has applied for an associated discharge consent (RM240328) for the following:

- Discharge from the reservoir during commissioning.
- Discharge for maintenance purposes.
- Overflow from the reservoir in the event of system failure.

2.5 The Council has sought resource consent to install a proposed overflow pipe/scour line from the proposed reservoir to upper Borck Creek, and an associated outfall structure. Details of the scour line and route will be developed during the detailed design phase. The overflow will be used during reservoir commissioning and emergency situations.

3. Recommendation/s / Ngā Tūtohunga

That the Operations Committee

1. receives the Richmond South Water Reservoir Notice of Requirement report ROC24-11-3; and
2. confirms the Notice of Requirement under section 168A of the Resource Management Act 1991, subject to the recommended conditions contained in Section 5 of Attachment 2 of the agenda report (Designation Report); and
3. confirms that an Outline Plan is not required under Section 176A of the Resource Management Act 1991.

4. Attachments / Tuhinga tāpiri

- | | | |
|----|----------------------|----|
| 1. | ↓ Land Plan document | 57 |
| 2. | ↓ Designation Report | 59 |

Appendix B Richmond South Water Supply Reservoir

NOR Land Requirement Plan

Title Data

[Back](#)

[Marks](#) [Vectors](#) [Parcels](#) [Survey Plans](#) [Company Data](#)

Title Reference: **915673** [Grip](#) [LINZ](#)

Type: Gazette Notice

Land Registration District: Nelson

Issue Date: 07 October 2019 12:54 AM

Prior References: NL124/78 [Grip](#) [LINZ](#)

Estate: **Fee Simple**

Instrument: GN 11572150.1

Area: 1.3740 hectares more or less

Legal Description: Section 1 Survey Office Plan 533003

Purpose: Stormwater drainage purposes

Registered owners: Tasman District Council

- Current Interests

+ Historic Interests

+ Parcels



OPERATIONS COMMITTEE – RM240327

Notice of Requirement applied for:

RM240327 Notice of Requirement for the Richmond South 'water supply purposes' designation to be shown in the TRMP.

The designation is for the provision of a new water supply reservoir for the purposes of providing reticulated water supply to existing and developing residential zones, including the deferred residential zones.

Notification and Submissions:

This NOR was issued on 7 June 2024 and was publicly notified at the Requiring Authority's request on 16 August 2024, which also included a letter drop to specifically identified affected parties. Zero submissions were received.

A staff report, prepared in accordance with the Resource Management Act 1991 recommending this NOR proceed without a public hearing, was accepted under delegated authority on 15 October 2024.

Purpose of Report:

The report is not the decision on the application, it contains advice and recommendations from a planning consultant on behalf of the Council's Resource Consent team, supported by Council specialists, having regard to the relevant provisions of Section 168A(3) the Resource Management Act 1991.

It is intended to guide and inform the Council's Operations Committee to make the decision under delegated authority.

It has been peer reviewed by Blair Telford, Principal Planner – Resource Consents, and approved for release by Katrina Lee, Resource Consents Manager.

Action Required:

Under Section 168A(4) of the Resource Management Act 1991, the Operations Committee may decide to:

- (a) confirm the requirement:
- (b) modify the requirement:
- (c) impose conditions:
- (d) withdraw the requirement.

Note: Staff have delegated authority to decide the associated regional consents required to give effect to the proposed public work. A separate report in that respect has been prepared by Saskia Wilson, Senior Consent Planner – Natural Resources, and that decision will be made following the Operations Committee decision.

RICHMOND SOUTH WATER RESERVOIR NOTICE OF REQUIREMENT RECOMMENDATION REPORT

1 Purpose

- 1.1 The purpose of this report is to provide a summary of the Notice of Requirement (NOR) for the proposed Richmond South Water Reservoir to the Operations Committee; and
- 1.2 To recommend that the Operations Committee confirm the NOR and impose the recommended conditions, which will result in a Designation being added to the Tasman Resource Management Plan (TRMP), allowing the project to proceed.

2 Summary / Te Tuhinga Whakarāpoto

- 2.1 Tasman District Council has submitted a NOR for a designation for “Water Supply Purposes” at 520 Hill Street South, Hope. Tasman District Council (TDC) is a “Requiring Authority” pursuant to section 166 of the RMA, and is able to issue a Requirement pursuant to Section 168A of the RMA for public works. TDC owns the land parcel over which the designation is sought.
- 2.2 The proposed public work is a new water reservoir, which will form part of the wider Richmond reticulated water supply network and will service existing and developing residential areas of Richmond.
- 2.3 TDC has applied for associated consents for discharges and to install an outfall to Upper Borck Creek.
- 2.4 The application bundle was publicly notified on the 16th of August 2024. Submissions closed 13th of September 2024. No Submissions were received.
- 2.5 A decision is now required on the NOR. The Operations Committee has the delegated authority to make this decision.
- 2.6 It is recommended that the Operations Committee confirm the designation, subject to the conditions attached to this recommendation, for the reasons outlined below.
- 2.7 Following confirmation, staff will make decisions on the associated ‘regional’ resource consent applications for discharges and the outfall structure, under delegated authority.

3 Recommendations / Ngā Tūtohunga

3.1 That the Operations Committee:

- 1) **receives the Richmond South Water Reservoir Notice of Requirement Report; and**

- 2) **confirms the Notice of Requirement under section 168A of the Resource Management Act 1991, subject to the recommended conditions contained in Section 5 below; and**
- 3) **confirms that an Outline Plan is not required under Section 176A of the Resource Management Act 1991.**

4 Richmond South Water Reservoir Notice of Requirement

Application Summary

- 4.1 TDC (the Requiring Authority) have submitted a NOR for a designation for “Water Supply Purposes” at 520 Hill Street South, Hope. TDC is a “Requiring Authority” pursuant to section 166 of the RMA. TDC owns the land parcel over which the designation is sought.
- 4.2 The primary public work proposed for the site is a new water reservoir, which will form part of the wider Richmond reticulated water supply network and will service existing and developing residential areas of Richmond.
- 4.3 The NOR provides sufficient detail regarding the reservoir, such that an Outline Plan will not be required.
- 4.4 The applicant has also applied for a discharge permit for the following:
 - (a) Discharge from the reservoir during commissioning.
 - (b) Discharge for maintenance purposes.
 - (c) Overflow from the reservoir in the event of system failure.
- 4.5 The proposed discharges will be into upper Borck Creek which is a narrow (1-2 metre wide) waterway with a clay-based streambed. The maximum proposed rate of discharge is 40 L/s, this discharge would last up to 19 hours while the tank is drained during commissioning. The applicant has stated that sodium thiosulphate (or a similar product) will be used to reduce the chlorine content to 3µg/L prior to discharge.
- 4.6 The applicant has sought resource consent to install a proposed overflow pipe/scour line from the proposed reservoir to upper Borck Creek, and an associated outfall structure. There is the potential that the scour pipe will be shortened, and a natural swale will be provided which would aid with the energy dissipation, filtering and infiltration of the discharged water prior to discharging into Borck Creek. A swale option would require additional rock riprap and geofabric due to discharge velocity. Details of the scour line and route will be developed during the detailed design phase.
- 4.7 The overflow will be used during reservoir commissioning and emergency situations.

Notification

- 4.8 The application bundle was publicly notified on the 16th of August 2024, with a summary notice published in the Nelson Mail, with a letterbox drop occurring on the 16th of August for identified affected parties.
- 4.9 Submissions closed 13th of September 2024. No Submissions were received.

Requiring Authority Status

- 4.10 TDC has the legal status of a Requiring Authority and is able to issue a Requirement pursuant to Section 168A of the Resource Management Act 1991 for its proposed project of constructing and operating of a water supply reservoir.

Section 168A Considerations

- (2A) *When considering a requirement and any submissions received, a territorial authority must not have regard to trade competition or the effects of trade competition.*
- (3) *When considering a requirement and any submissions received, a territorial authority must, subject to [Part 2](#), consider the effects on the environment of allowing the requirement, having particular regard to—*
- (a) *any relevant provisions of—*
- (i) *a national policy statement;*
- (ii) *a New Zealand coastal policy statement;*
- (iii) *a regional policy statement or proposed regional policy statement;*
- (iv) *a plan or proposed plan; and*
- (b) *whether adequate consideration has been given to alternative sites, routes, or methods of undertaking the work if—*
- (i) *the requiring authority does not have an interest in the land sufficient for undertaking the work; or*
- (ii) *it is likely that the work will have a significant adverse effect on the environment; and*
- (c) *whether the work and designation are reasonably necessary for achieving the objectives of the requiring authority for which the designation is sought; and*
- (d) *any other matter the territorial authority considers reasonably necessary in order to make a decision on the requirement.*
- (3A) *The effects to be considered under subsection (3) may include any positive effects on the environment to offset or compensate for any adverse effects on the environment that will or may result from the activity enabled by the requirement, as long as those effects result from measures proposed or agreed to by the requiring authority.*

- 4.11 The Notice of Requirement has been assessed against Section 168A of the Act and the above recommendation is made for the following reasons:

Effects on the Environment

Landscape and Visual Effects

- 4.12 The principal issue associated with the NOR is the potential for visual effects on the surrounding residents associated with the construction of a utility building on an identified ridgeline. The applicant's Landscape and Visual Effects Assessment indicates that before planting establishes, there will be a moderate (more than minor) effect on the landscape and visual amenity of the surrounding environment. Once the planting is established, this effect will transition to be no more than minor in nature in the longer term.
- 4.13 A number of conditions have been volunteered by the Requiring Authority which will ensure that the mitigations recommended in the Landscape and Visual Effects Assessment are implemented, and that planting is maintained. No submissions were received on the Notice of Requirement.

Construction Phase Effects

- 4.14 The construction of the water reservoir and associated facilities will involve a substantial amount of earthworks, and associated vehicle movements, which will generate noise and vibration effects.
- 4.15 Erosion and sediment control measures will be put in place to avoid dust nuisance and sedimentation of waterways. Conditions have been volunteered to this effect and should be imposed.
- 4.16 Construction noise will be managed in accordance with NZS6803:1999, and a condition has been volunteered to this effect. Additionally, hours of operation are proposed to be limited during the construction phase to 6am-6pm Monday to Saturday which ensures some respite for residents during this period.
- 4.17 Construction traffic will be temporary and limited to the period of construction. Heavy traffic will generally be associated with the removal of cut material and placement of structural fill material and construction materials. A new access is proposed (subject of a separate consent RM 240530) which will ensure that sufficient visibility is achieved such that no adverse traffic safety concerns are created. If access is not able to be arranged with this landowner, the existing access will be upgraded to allow for temporary construction access. Any disruption to road users will be no more than minor in nature.

Ongoing Operational Effects

- 4.18 The site will generally be unmanned, and no lighting is proposed on site. There will be no noise generated by the reservoir itself, and a condition limiting operational noise to the current TRMP noise limits has been volunteered to provide certainty around the level of ongoing operational noise associated with the activities at the site.

- 4.19 If a future pump station is constructed, any noise emanating from this structure will need to comply with the current TRMP noise limits. The ongoing operational noise effects of the proposal are therefore considered to be less than minor in nature.
- 4.20 Operational traffic movements will be limited to maintenance and monitoring, which will be by light vehicle once or twice per day, which is less vehicle movements than anticipated as part of a residential development. The ongoing traffic effects of the proposal are therefore considered to be less than minor in nature.

Cultural Effects and Archaeological Values

The Requiring Authority has consulted with local iwi regarding the proposal and has volunteered a condition of consent requiring an iwi monitor to be engaged for the duration of earthworks associated with the proposal. The NOR was also provided to local iwi for comment after it was submitted. Te Atiawa and Te Rūnanga o Toa Rangatira both responded seeking that an iwi monitor be present for earthworks. This has been included as a condition of the designation. This has been accepted by the Requiring Authority and should be imposed as a condition of the designation.

Trade Competition

- 4.21 In accordance with Section 168A(2A) of the Act, neither trade competition nor the effects of trade competition were had regard to in this assessment.

Policy Statements and Plan Provisions

- 4.22 Regard was had to the relevant provisions of the following planning documents:
- (a) the National Policy Statement for Freshwater Management (NPSFM);
 - (b) the New Zealand Coastal Policy Statement (NZCPS);
 - (c) the Tasman Regional Policy Statement (TRPS);
 - (d) the Tasman Resource Management Plan (TRMP).
- 4.23 The Requirement is not contrary to any National Policy Statement.
- 4.24 The water reservoir has associated discharges and bed disturbance activities, which are considered to have less than minor effects on the receiving environment (Upper Borck Creek), and is not contrary to the objectives and policies of the NPSFM, which seek to give effect to Te Mana o Te Wai (Objective 1, Policy 1), provide for the involvement of tangata whenua (Policy 2), avoid the loss of river extent and values (Policy 7), protect the habitats of indigenous freshwater species (Policy 9), and enable the wellbeing of communities (Policy 15). The proposal is considered to be consistent with these objectives and policies in the NPSFM.

- 4.25 For the avoidance of doubt, the site is not considered Highly Productive Land, and the National Policy Statement for Highly Productive Land (NPSHPL) is not relevant to the proposal.
- 4.26 The proposal is not within the coastal environment and therefore the NZCPS is not relevant to this Requirement.
- 4.27 The development of a water supply reservoir supports the general thrust of the TRPS.
- 4.28 The TRMP shows the location of the proposed reservoir as being on an Identified Ridgeline. The Objectives and Policies in the TRPS recognise that landscape amenity and rural character are important, and seek that any development avoids, remedies or mitigates its effect on these. Of particular relevance are those provisions requiring consideration of landscape values, retaining rural characteristics and mitigation of landscape effects through landscape analysis, planting proposals, careful siting of structures and other methods. In particular, Objective 5.1.2, 5.3.2, Policies 5.1.3.1, 5.3.3.3, Objective 9.2.2, Policies 9.2.3.3, 9.2.3.4 are relevant.
- 4.29 The proposal has recognised and responded to the identified rural character of the site and the surrounding area (including the special values associated with the identified ridgeline), and has included mitigation actions as sought by the relevant objectives and policies. The proposal is therefore considered to be consistent with these objectives and policies of the TRMP.
- 4.30 The TRMP also seeks to avoid, remedy or mitigate adverse effects of land disturbance (Objective 12.1.2). The inclusion of a requirement to provide an Erosion and Sediment Control Plan will ensure that key land disturbance effects will be mitigated, and the proposal will be consistent with this objective in the TRMP.

Alternatives

- 4.31 The RMA requires consideration of alternatives where the Requiring Authority (in this case the TDC) does not have an interest in the land, or where the effects are significant (Section 168A(3)(b)).
- 4.32 In this proposal, the Requiring Authority owns the land subject to the Requirement, and the effects of the proposal have been assessed as being more than minor, but not significant. The Requiring Authority is therefore not required to assess alternatives. Notwithstanding this, the NOR includes a brief assessment of alternative configurations on the site, and discounted for a variety of reasons.

Positive effects for offsetting or compensation

- 4.33 The nature of the effects associated with the activity are such that offsetting and compensation are not required, and this section is not relevant.

Objectives of the Requiring Authority

- 4.34 The work and designation are reasonably necessary for achieving the objectives of the Requiring Authority for the purposes of providing a water supply in the Richmond area. The proposed work of reservoir construction, access track, and pipework is necessary to service proposed residential expansion, but also to improve the level of service to parts of Richmond.

Other Matters

- 4.35 There are no other matters that are considered to be reasonably necessary in order to make a recommendation.

Part II Matters

- 4.36 In considering this NOR, I have taken into account the relevant principles outlined in Sections 6, 7, and 8 of the Act, as well as the overall purpose of the Act as presented in Section 5. The sustainable management of natural and physical resources will be achieved.

Lapse Period

- 4.37 The Requiring Authority has considered the standard lapse period of 5 years adequate for this project, because construction is to commence soon after the designation is in place.

Section 176A Considerations

- 4.38 Section 176A of the RMA states that a Requiring Authority must submit an Outline Plan of the public work to the territorial authority before construction is commenced. However, Section 176A(2) of the RMA states that when the details of the public work are incorporated into the designation, an Outline Plan need not be submitted
- 4.39 It would be prudent to confirm as part of this Notice of Requirement recommendation that sufficient detail has been provided to avoid the need for an Outline Plan. The details of the water reservoir, access construction and landscaping have been provided in sufficient detail, such that an Outline Plan need not be submitted for these works. It is noted however, that full details of the future pump station have not been provided, and if this pump station eventuates in future, an Outline Plan should be submitted for this aspect of the public works.

Regional Consents - RM240328 (discharge permit) and RM240329 (land use)

- 4.40 Staff have the delegated authority to consider the necessary resource consent applications in relation to the regional consents required to give effect to the public work. If the Notice of Requirement is confirmed by the Operations Committee, Council consents staff will make decisions on these associated applications.

5 Recommended Conditions

CONSTRUCTION PHASE CONDITIONS

General

- 1 The extent of the designation area and the placement of the reservoir tank and associated ancillary activities within the designation area shall be undertaken in general accordance with the attached plans marked Plan A-D RM240327.

Construction

- 2 At least 10 working days prior to works commencing on site, a Construction Methodology Plan (CMP) drafted by a suitably qualified person(s) (which may include the lead contractor) shall be prepared and submitted to the Council's Team Leader - Monitoring & Enforcement for certification. The CMP shall include:
 - a) Details of the construction methodology, including construction noise management, construction site access and timing of the works
 - b) The hours of work at the site
 - c) The roles and responsibilities of key personnel
 - d) A contact (mobile) telephone number(s) for the on-site manager, where contact can be made 24 hours a day/ 7 days a week
 - e) A communication and complaints procedure for adjoining property owners/ occupiers and the public
 - f) A requirement for a pre-construction meeting between the Requiring Authority, the contractor undertaking the works and, should they wish to attend, Council's Monitoring Officer.

Advice note:

All cost associated with the access upgrade is to be met by the Requiring Authority and a vehicle access crossing permit is required to be obtained through Council's Community Infrastructure Group.

The Requiring Authority is currently in negotiations with the owners of 177 White Road or alternative construction access and a resource consent for this has been applied for separately (RM240530).

- 3 The Requiring Authority shall ensure that the CMP is adhered to by the contractor undertaking the works. No works shall be undertaken until the CMP has been certified by Council's Team Leader - Monitoring & Enforcement. If no response is given from Council within 10 working days of the applicant submitting the CMP to the Council for certification, then the CMP shall be considered certified.
- 4 Machinery and equipment shall not be cleaned where wash-water may enter the reticulated stormwater network or Borck Creek. Concrete slurry or wash-water shall not be discharged where it may enter the reticulated stormwater network or Borck Creek.
- 5 Refuelling and maintenance work shall be undertaken in such a manner as to prevent contamination of land and surface water and discharges into Borck Creek. If spillage of any contaminants into watercourse or onto land or into the network occurs, this shall be adequately cleaned up so that no residual potential for contamination of land and surface water run-off from the site occurs. If a spill of more than 20 litres of fuel or other hazardous substances occurs, the Requiring Authority shall immediately inform Council's Team Leader - Monitoring & Enforcement.

- 6 Appropriate spill kits and materials shall be held on site to enable any fuel spills to be immediately contained and controlled by an approved product. Any contaminated material as a result of a spill shall be removed from the site and disposed of at site authorised to accept such material.
- 7 All activities shall be carried out to comply with NZS6803:1999 Acoustics Construction Noise standards. For compliance purposes, noise shall be measured and assessed in accordance with the provisions of NZS6801:2008 and NZS6802:2008.
- 8 The hours of operation during construction shall be 6am to 6pm Monday to Saturday. The restriction on hours of works shall not apply to low noise generating activities, such as pump operation, site set up or staff meetings, which may occur outside of these hours provided they are generally inaudible off site.

Vehicle Access

- 9 If any temporary access upgrades are required to the existing access for construction purposes the standard shall be specified in the Construction Methodology Plan required by Condition 2, and the Requiring Authority shall reinstate the access following the completion of construction in accordance with the Nelson Tasman Land Development Manual (NTLDM) requirements.

Advice Note:

All cost associated with the access upgrade is to be met by the Requiring Authority and a vehicle access crossing permit is required to be obtained through Council's Community Infrastructure Group.

The Requiring Authority is currently in negotiations with the owners of 177 White Road for alternative construction access and consent for this has been applied for separately (RM240530). If this alternative construction access is secured, no upgrades will be necessary.

Erosion and Sediment Control

- 10 The Requiring Authority shall provide an Erosion and Sediment Control Plan (ESCP) to Council's Team Leader - Monitoring & Enforcement for certification at least 10 working days prior to the works commencing. This plan shall be in general accordance with the Nelson Tasman Erosion and Sediment Control Guidelines 2019.
- 11 The Requiring Authority shall undertake all works in accordance with the approved ESCP. No works shall commence until the Requiring Authority has received written notification that the final ESCP is to the satisfaction of Tasman District Council. If no response is given from the Council within 10 working days of the applicant submitting the ESCP to the Council for certification, then the ESCP shall be considered certified.
- 12 The control measures outlined in the certified ESCP (referred to in Condition 10) shall be implemented prior to earthworks commencing on site and maintained until such time that the site has been permanently stabilised. The Erosion and Sediment Control measures shall be checked daily by the Requiring Authority (or their agent), to ensure they are functioning as intended. Should any of the control measures be found not to be functioning as intended, all earthworks shall immediately cease until the necessary repairs or modifications have been made.

Advice Note:

For the purposes of this condition, 'permanently stabilised' shall mean sealing, revegetating (including being sown with grass), or otherwise covering any exposed ground so as to reduce the risk of dust, erosion and sedimentation.

Iwi Monitor

- 13 The Requiring Authority shall engage the services of a joint representative of Te Rūnanga o Toa Rangatira and Te Ātiawa to be present during any earthworks. The Requiring Authority shall contact Te Rūnanga o Toa Rangatira and Te Ātiawa at least 10 working days prior to commencing any earthworks and advise it of the commencement date of the earthworks.

At the time of consent, the iwi contact can be found on www.tkm.govt.nz and the contact details for the Iwi Monitor from Ārewa Ltd in Nelson can be found on www.arewa.nz; phone 03 265 5565.

In the event of Māori archaeological sites (eg shell midden, hangi or ovens, garden soils, pit depressions, occupation evidence, burials, taonga) or koiwi (human remains) being uncovered, activities in the vicinity of the discovery shall cease. The Requiring Authority shall then consult with Heritage New Zealand's Central Regional Office, and shall not recommence works in the area of the discovery until the relevant Heritage New Zealand Pouhere Taonga approvals to damage, destroy or modify such sites have been obtained. All costs associated with engaging an iwi monitor will be at the Requiring Authority's expense.

Advice Notes:

At the time this consent was granted the contact for Heritage New Zealand Pouhere Taonga Central Office is Phone + 64 4 494 8320, Email: infocentral@heritage.org.nz.

The discovery of any pre-1900 archaeological site (Māori or non-Māori) which is subject to the provisions of the Heritage New Zealand Pouhere Taonga Act 2014 needs an application to the Heritage New Zealand Pouhere Taonga for an authority to damage, destroy or modify the site.

Landscaping

- 14 Planting and landscaping shall be carried out in general accordance with the Landscape Plan enclosed as Plan D RM240327 and Plant Schedule enclosed as RM240327 Appendix 1, in the first planting season following the reservoir construction. Trees shall be as large as practicably possible at time of planting. Topsoil shall be scraped, retained on site and reapplied for planting purposes where practicably possible, and where needed a good growing medium shall be provided to support growth.
- 15 Prior to construction works commencing on site, vegetation to be retained for reservoir screening shall be clearly identified and marked on site as per the Landscape Plan enclosed as Plan D RM240327.

ONGOING DESIGNATION CONDITIONS**Reservoir Colour Treatment**

- 16 The exterior of the reservoir and the balustrade shall be finished in the following colours, or alternative colours approved by Council's Consents Planner, Richmond:

Part of Building	Finish Material	Colour
Water reservoir	Concrete with surface treatment to reduce reflectivity	'Permeon' colouration/oxidation
Balustrade	Colorsteel	Grey Friars

Where an alternative colour is used, the Requiring Authority shall submit details of the finish material, manufacturer, colour, and reflectance value (for paint finish) to Council's Consents Planner, Richmond for prior approval.

Operational Noise

- 17 Operational noise shall not exceed the more permissive of:
 - a. the relevant TRMP noise limits detailed in TRMP rule 17.5.2.1(c); or
 - b. any applicable standard which may supersede this.

Advice Note:

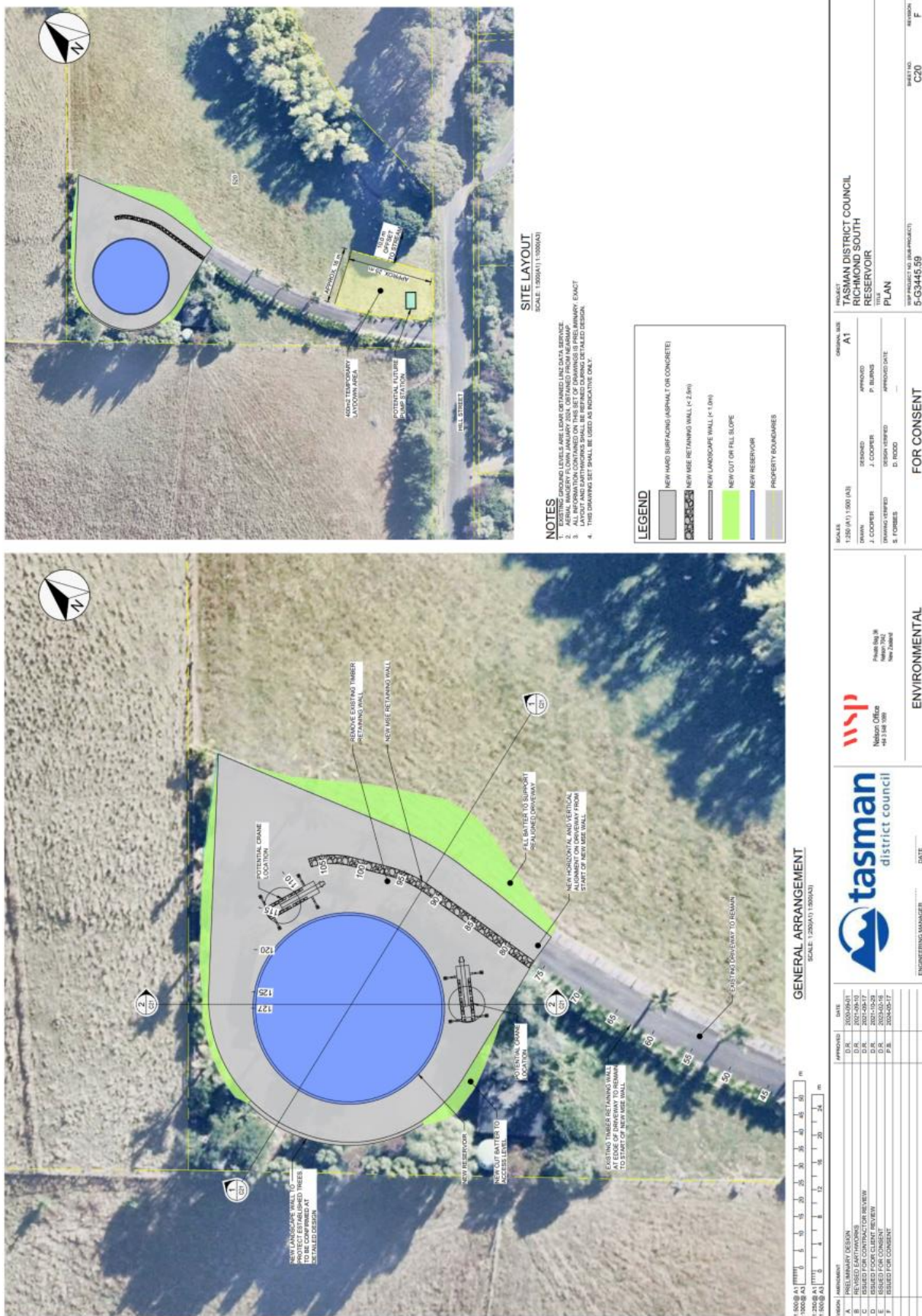
At the time of this designation being approved, TRMP rule 17.5.2.1(c) requires that noise shall not exceed the following limits when measured at or within the notional boundary of any dwelling in a Rural zone (other than any dwelling on the site from which the noise is being generated), Rural Residential, Papakainga or Tourist Services zone, or at or within any site within a Residential Zone:

	Dayt	Night
<i>L_{eq}</i>	55 dBA	40 dBA
<i>L_{max}</i>		70 dBA

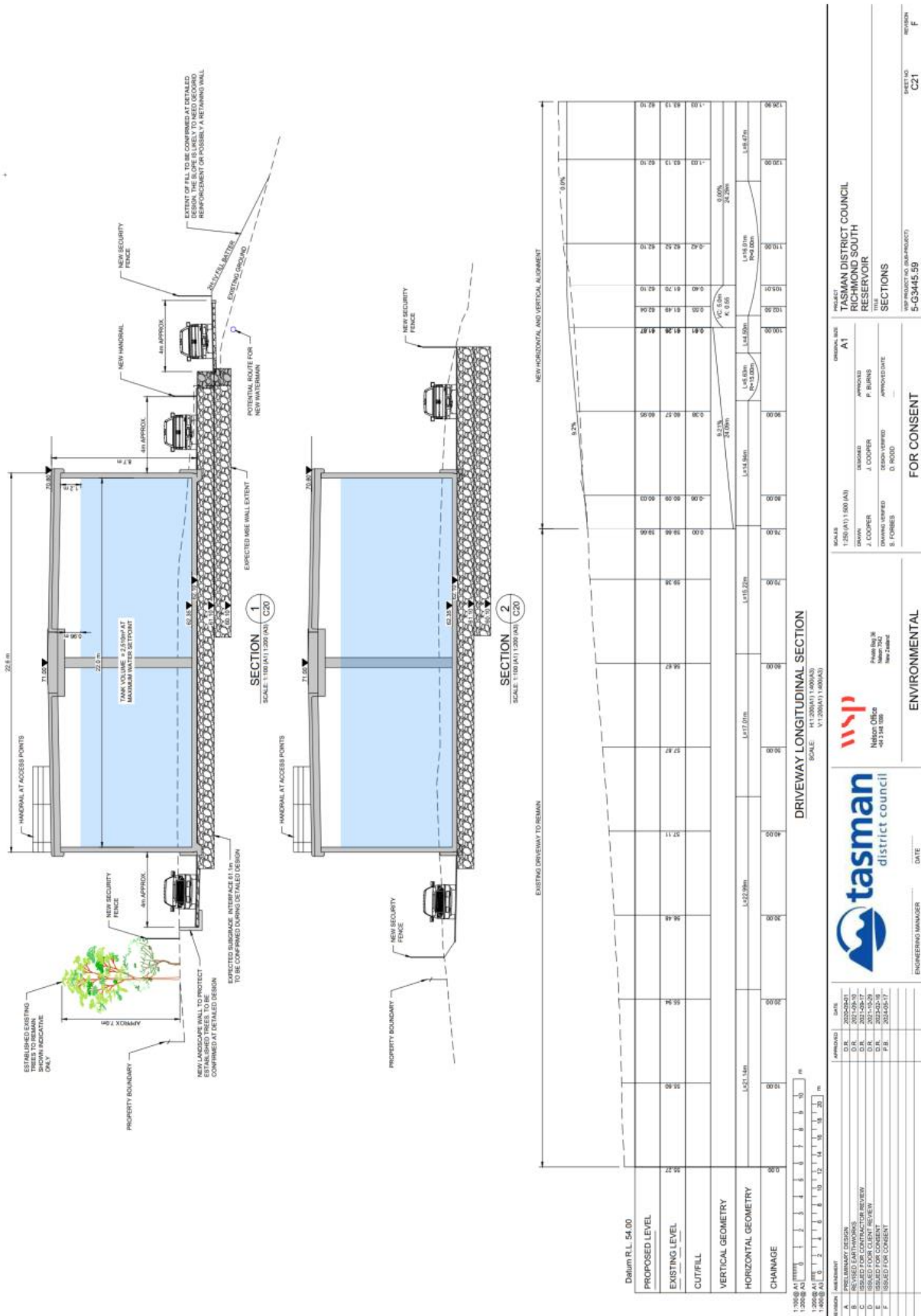
Landscaping & Tree Height

- 18 The planting shall be maintained on an ongoing basis. and any dead, dying or diseased plants shall be replaced in the next planting season. The height of the trees to the east of the reservoir shall be generally no higher than 2m above the highest point of the tank roof (so as not to block views), while being of a sufficient height to screen the reservoir from nearer houses.

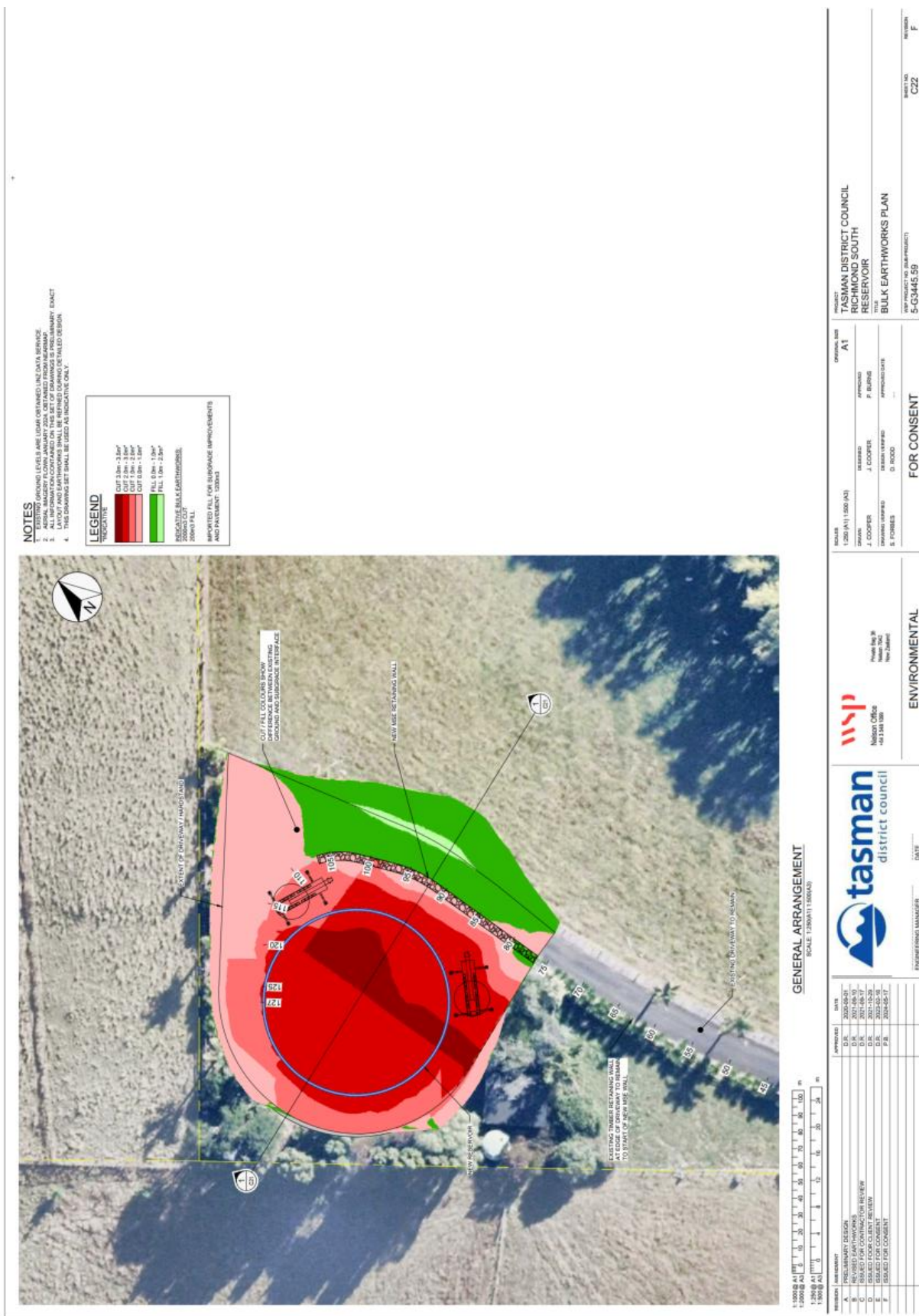
Plan A RM240327



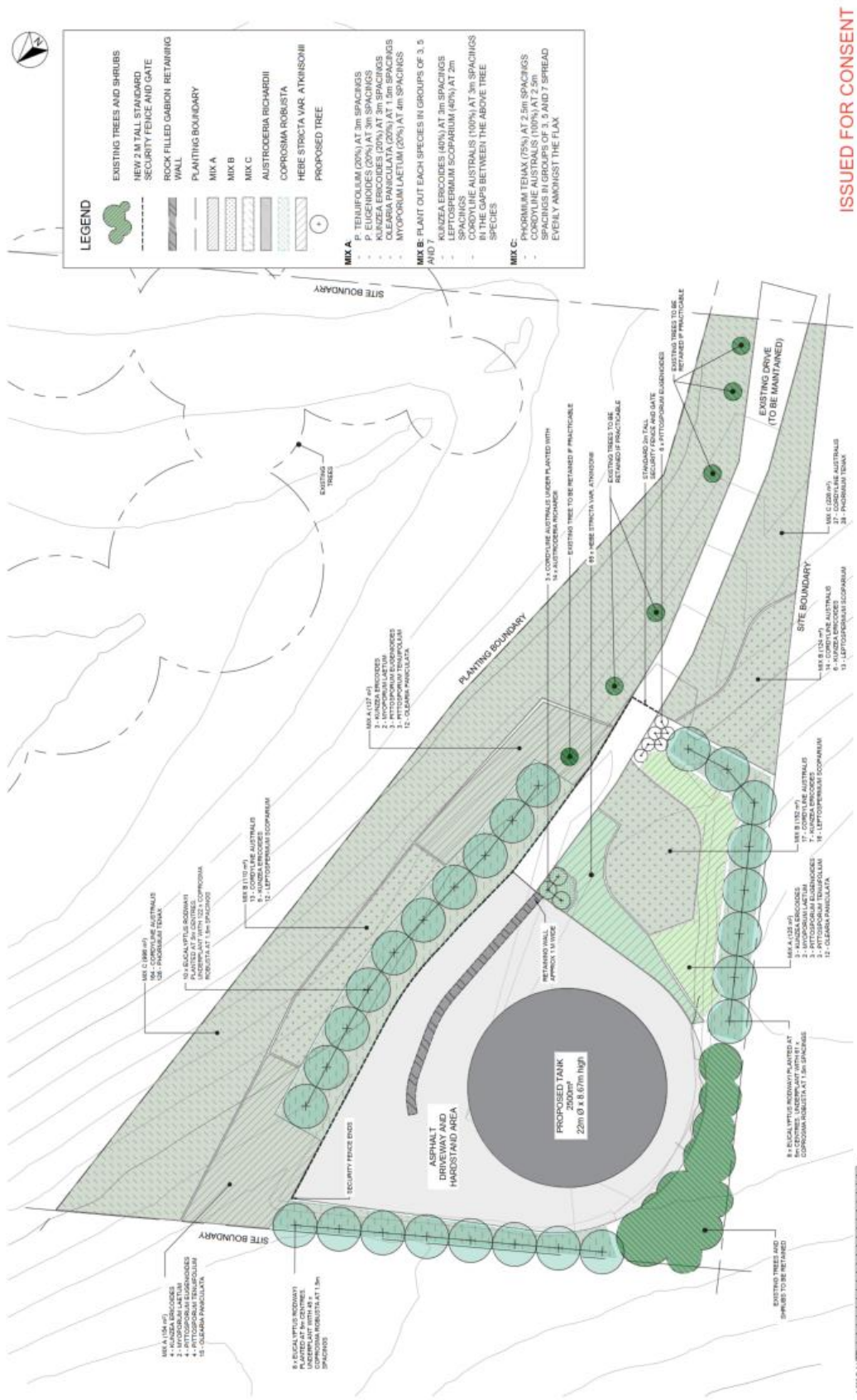
Plan B RM240327



Plan C RM240327



Plan D RM240327



ISSUED FOR CONSENT

PROPOSED LANDSCAPE PLAN

Proposed Richmond South Low Level Water Reservoir - Landscape Assessment | 7