

Resource Consent

Document Date: 08.03.2021

*Pursuant to the Resource Management Act 1991, the Northland Regional Council
(hereinafter called "the council") does hereby grant a Resource Consent to:*

FAR NORTH HOLDINGS LIMITED

To undertake the following activities associated with the development of a marine industry servicing facility on and adjacent to Lot 1 DP 199153 and Pt Lot 1 DP 183896 and in the Kawakawa River, Opua between and about location co-ordinates 1701654E 6091073N and 1701523E 6099089N.

Note: All location co-ordinates in this document refer to Geodetic Datum 2000, New Zealand Transverse Mercator Projection.

- AUT.040976.01.01** Reclaim approximately 1,700 square metres (0.1700 ha) of the coastal marine area.
- AUT.040976.02.01** Place structures in the coastal marine area inclusive of:
- hard protection structures;
 - a barge dock (fender piles providing for 3 berths);
 - a boat ramp;
 - a jetty facility (jetty, gangway pontoon and piles); and
 - a dinghy ramp.
- AUT.040976.03.01** Use and occupy space in the coastal marine area with structures inclusive of a barge dock, a boat ramp, a jetty facility and a dinghy ramp.
- AUT.040976.04.01** Use and occupy space in the coastal marine area with hard protection structures.
- AUT.040976.05.01** Occupy part of the coastal marine area to the exclusion of others.
- AUT.040976.06.01** Capital dredging within the coastal marine area.
- AUT.040976.07.01** Maintenance dredging in the coastal marine area.
- AUT.040976.08.01** Remove mangroves from the coastal marine area.
- AUT.040976.09.01** Divert stormwater from a reclamation.
- AUT.040976.10.01** Discharge treated stormwater to the coastal marine area.
- AUT.040976.11.01** Deposit dredge spoil within the coastal marine area to develop a reclamation.
- AUT.040976.12.01** Discharge decant water and contaminants to the coastal marine area associated with reclamation construction, dredging, dredge spoil disposal and other activities that disturb the foreshore and seabed.
- AUT.040976.13.01** Deposit dredge spoil to land.
- AUT.040976.14.01** Discharge contaminants (leachate) to land from dredge spoil disposal.
- AUT.040976.15.01** Earthworks in the coastal riparian management area.

AUT.040976.16.01 **Divert stormwater during land disturbance activities and construction of a reclamation.**

AUT.040976.17.01 **Discharge stormwater to land during land disturbance activities.**

Subject to the conditions below:

General Conditions

1 These consents apply only to the reclamation, structures and activities identified on the **attached** Haigh Workman Limited drawings referenced as Northland Regional Council Plan Numbers **4988/1, 4988/2, 4988/3, 4988/4, 4988/5, 4988/6, 4988/7, 4988/8 and 4988/9.**

2 At least 10 working days prior to commencement of any construction or dredging works the Consent Holder shall notify the Council's assigned monitoring officer in writing of the date that the works are intended to commence on each occasion.

3 On provision of notice under Condition 2 above, the Consent Holder shall arrange for a site meeting between the Consent Holder's contractor and the Council's assigned monitoring officer within the 10 working day period before commencement of any construction or dredging works. No works shall commence until the Council's assigned monitoring officer has completed the site meeting. If this site meeting cannot occur during this period due to the Council's assigned monitoring officer not being available, then works may commence as soon as Conditions 2, 4, and 13 have been complied with and confirmed in writing by the Council's assigned monitoring officer.

Advice Note: *Notification of the commencement of works may be made by email to info@nrc.govt.nz.*

4 As part of the written notification required under Condition 2 above, the consent holder shall provide to the Council's assigned monitoring officer:

- (a) Written certification from a suitably qualified and experienced person confirming that all plant and equipment entering the coastal marine area associated with the intended works are free from unwanted or risk marine species; and
- (b) Suitable evidence to confirm that any and all required building consents have been sought and obtained from the Far North District Council.

5 The coastal marine area shall be kept free of debris resulting from the activities authorised by these consents.

6 Monitoring of these consents shall be carried out in accordance with Schedule 2 attached.

7 Noise levels associated with the exercise of these consents shall not exceed those set out in Schedule 1, **attached**, except where exceedances of the construction noise limits are managed using the Construction Noise and Vibration Management Plan specified in Condition 13(d) below.

8 The Consent Holder shall, on becoming aware of any discharge associated with the Consent Holder's operations that is not authorised by these consents:

- (a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain the discharge; and
- (b) Immediately notify the Council by telephone of the discharge; and

- (c) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the discharge; and
- (d) Report to the Council's Compliance Manager in writing within one week on the cause of the discharge and the steps taken, or being taken, to effectively control or prevent the discharge.

For telephone notification during the Council's opening hours, the Council's assigned monitoring officer for these consents must be contacted. If that person cannot be spoken to directly, or it is outside of the Council's opening hours, then the Environmental Hotline must be contacted.

Advice Note: *The Environmental Emergency Hotline is a 24 hour, 7 day a week, service that is free to call on 0800 504 639.*

9 Prior to a cancellation or expiring of these consents the structures and other materials and refuse associated with these consents shall be removed from the consent area and the consent area shall be restored to the satisfaction of the Council, unless an application has been properly made to the Council for the renewal of these consents or the activity is permitted by a rule in the Regional Plan.

10 In the event of archaeological sites or kōiwi being uncovered during construction or dredging works, activities in the vicinity of the discovery shall cease and the Consent Holder shall contact Heritage New Zealand Pouhere Taonga. Work shall not recommence within the area of the discovery until the relevant Heritage New Zealand Pouhere Taonga approval has been obtained.

Advice Note: *The Heritage New Zealand Pouhere Taonga Act 2014 makes it unlawful for any person to destroy, damage or modify the whole or any part of an archaeological site without the prior authority of Heritage New Zealand Pouhere Taonga.*

11 These consents shall lapse on 31 July 2030, unless before this date the consents have been given effect to.

12 The Council may, in accordance with Section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions annually during the month of September to deal with any adverse effects on the environment that may arise from the exercise of the consents and which it is appropriate to deal with at a later stage. The Consent Holder shall meet all reasonable costs of any such review.

AUT.040976.01, AUT.040976.02 and AUT.040976.15 – Construction of Reclamation, Barge dock, Boat Ramp and Jetty Facility and Dinghy Ramp and Earthworks

13 At least 10 working days prior to commencing construction of the reclamation, boat ramp and jetty facility and dinghy ramp, the Consent Holder shall provide the following information for certification by the Council's Compliance Manager:

- (a) A detailed geotechnical investigation and report from a Chartered Professional Engineer addressing all works to be carried out within the coastal marine area as detailed on the attached Northland Regional Council Plan Number **4988/1**.
- (b) A Navigation Safety Plan (NSP) prepared by a suitably qualified and experienced person that identifies a safe access channel through the adjacent mooring field to the facilities and defines the extent of safe manoeuvring room around the proposed barge dock, boat

ramp and jetty facility. As part of the NSP, the consent holder shall provide confirmation that all moorings, where necessary, have been relocated or removed to accommodate the required channel and manoeuvring areas.

Advice Note: *The NSP should be prepared in consultation with the Regional Harbourmaster for Northland.*

- (c) A Construction Management Plan (CMP) prepared by a suitably qualified and experienced person that provides details addressing the following matters relating to all construction activities:
- (i) Key project and management personnel and their contact details.
 - (ii) Detailed construction drawings of the reclamation, hard protection structures, boat ramp, jetty facility and dinghy ramp prepared and certified by a Chartered Professional (Structural) Engineer.
 - (iii) Details of the proposed construction methodology for the structures.
 - (iv) Details of the erosion and sediment controls to be established during works on land and within the coastal marine area. The erosion and sediment controls shall be designed in general accordance with the principles and practices contained within the Auckland Council document entitled “2016/005: Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region” (GD05).
 - (v) Details of the proprietary stormwater treatment system(s) to be installed to treat stormwater from the completed reclamation and surrounding area, including confirmation of the locations of the stormwater outlets.
 - (vi) Construction timetable and hours of operation.
 - (vii) Means of avoiding any conflict between construction vessels and public within the Kawakawa River, including any existing moorings.
 - (viii) Means of avoiding any potential discharge or spill of fuel into the coastal marine area or in any other location at or near the site where fuel or oil could enter the coastal marine area, or in such a way that soil or water at or near the site is contaminated.
 - (ix) Noise control measures.
 - (x) Management of any construction lighting.
- (d) A Construction Noise and Vibration Management Plan (CNVMP) prepared by a suitably qualified and experience acoustician prepared in general accordance with the Marshall Day report, ref Rp 001 20190467 dated 13 June 2019. The CNVMP shall identify management measures to address the effects of underwater noise on marine mammals should they enter the area. These measures may include the following:
- (i) Restricting in-water impact or vibration pile driving to within half an hour after sunrise and half an hour before sunset (i.e. daylight hours only);
 - (ii) Using in-water piling methods that minimise underwater noise including ‘soft starts’ (gradually increasing the intensity of impact piling);
 - (iii) Using a non-metallic ‘dolly’ or ‘cushion cap’ between the impact piling hammer and the driving helmet, (e.g. plastic or plywood);
 - (iv) Ensuring construction workers are trained to look for signs of marine mammals and are required to routinely observe for marine mammals within 300m of the piling operation; and

- (v) Ceasing or not commencing impact or vibration piling activities if a marine mammal or diver is observed within the 300m area.

Advice Note: *This CNVMP shall be consistent with that Plan required under Condition 2(a) of the Far North District Council consent RC2200220.*

- (e) A Biosecurity Management Plan (BMP) prepared by a suitably qualified and experienced person that details the measures required prior to, during, and on completion of all construction works. The BMP is to be prepared generally in accordance with the Council's Marine Pathway Management Plan and is to address the potential for pathways for any pest organisms to be introduced, prevention and monitoring measures, and response should any organism be identified during or after the construction period. A pre-construction survey of the area to be dredged to determine the presence or absence of unwanted pest organisms shall form part of the BMP.

Advice Note: *The Council's Compliance Manager's certification of the Geotechnical report, the NSP, CMP, CNVMP and BMP is in the nature of certifying that adoption of the documents is likely to result in compliance with the conditions of this consent. The Consent Holder is encouraged to discuss its proposed NSP, CMP, CNVMP and BMP with relevant Council staff prior to finalising these plans.*

- 14 No construction works shall commence until Conditions 2, 3, 4, and 13 have been complied with and confirmed in writing by the Council's assigned monitoring officer.
- 15 A copy of these consents and the certified documents required under Condition 13(a)-(e) shall be provided to the person who is to carry out the construction works. A copy of these consents and documents shall be held on site, and be available for inspection by the public, during construction.
- 16 The reclamation, boat ramp, jetty facility and dinghy ramp shall be constructed in general accordance with the **attached** Haigh Workman Limited drawings referenced as Northland Regional Council Plan Numbers **4988/1, 4988/2, 4988/3, 4988/5, 4988/6, 4988/7, and 4988/8**, and in accordance with detailed design drawings provided in the certified CMP.
- 17 All vehicles or equipment entering the coastal marine area associated with the exercise of these consents shall be in good state of repair and free of any leaks e.g. oil, diesel etc.
- 18 Works associated with construction of the structures and facilities shall only be carried out between 7.00 a.m. and sunset or 6.00 p.m., whichever occurs earlier, and only on days other than Sundays and public holidays.
- 19 An oil spill kit, appropriate to the plant and equipment being used, to be readily available and maintained on site during construction or maintenance works.
- 20 A certificate of compliance, or a written statement, from an independent Chartered Professional Engineer that the works are constructed in accordance with the certified plans and documents provided in accordance with Condition 13(a)-(e) shall be provided to the Council's assigned monitoring officer within two weeks of completion of the works.
- 21 Immediately upon completion of the construction of the reclamation and installation of the barge dock, boat ramp and jetty facility, the Consent Holder shall notify the following organisations in writing of the completion of the structures. Evidence of this notification shall be provided to the Council's assigned monitoring officer.

Hydrographic Surveyor
Land Information New Zealand
Private Box 5501
Wellington 6145

Maritime New Zealand
P O Box 27006
Marion Square
Wellington 6141

Far North District Council
Private Bag 752
Kaikohe 0440

A scale plan of the completed works shall be included with the notification.

AUT.040976.03 – AUT.040976.04 – Use and Occupy Space with Structures

- 22 The structures and facilities covered by these consents shall be maintained in good order and repair.
- 23 The seaward edge of the jetty facility and a central pile on the barge dock shall be marked with the number **40976** in black lettering on a white background clearly displayed and in such a manner as to be visible from the sea at all times.
- 24 With the exception of the berth identified for occupation and use by the SS Minerva, the jetty facility shall be available for public use, free of charge, at all times.
- 25 Any boat maintenance which includes the removal or application of paint or antifouling, or activities involving grease or oil shall not be carried out within or adjacent to the facilities authorised by these consents.
- 26 No discharge of wastes (e.g. sewage, oil, contaminated bilge water) shall occur from any vessel secured to the barge dock or jetty facility, on the boat ramp, or from any other activity carried out at the facilities unless the discharge is authorised by a resource consent, or is permitted by a rule in a Regional Plan or by provisions of the Resource Management (Marine Pollution) Regulations 1998.
- 27 The exercise of these consents shall not cause the following effects on the water quality of the receiving waters as measured at any point at or beyond 10 metres from the structures:
- (a) The production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
 - (b) A conspicuous change in the colour or visual clarity.
 - (c) An emission of objectionable odour.
 - (d) A significant adverse effect on aquatic life.
 - (e) The natural pH of the water shall not fall outside the range of 7.0 to 8.5.
 - (f) Change the natural water temperature by more than 3° Celsius.
- 28 The median concentrations of total copper, lead, zinc, chromium, nickel, and cadmium from at least three samples in intertidal or subtidal sediment, as measured at any point 10 metres from the facilities, shall not exceed the following:
- (a) 65 milligrams per kilogram of total copper;
 - (b) 50 milligrams per kilogram of total lead;
 - (c) 200 milligrams per kilogram of total zinc;

- (d) 80 milligrams per kilogram of total chromium; or
 - (e) 21 milligrams per kilogram of total nickel.
- 29 No vessel shall be used for overnight accommodation while berthed at the jetty facility or barge dock, unless either:
- (a) The vessel is equipped with a sewage treatment system specified in Schedule 5 and 7, or is compliant with Schedule 6, of the Resource Management (Marine Pollution) Regulations 1998 and which is installed, maintained, and operated in accordance with the manufacturer's instructions; or
 - (b) The vessel is equipped with a sewage holding tank that has an effective outlet sealing device installed to prevent sewage discharges, this device remaining activated in the sealed state or position at all times while the vessel is secured to the structures; or
 - (c) The vessel is equipped with a portable toilet on board. For the purposes of this condition a portable toilet is defined as a sewage containment device constructed of impermeable materials which is fully self-contained and removable, and consists of two independently sealed chambers comprising a water holding tank and a sewage holding tank separated by a slide valve; or
 - (d) The vessel (if equipped with a built-in through hull toilet facility and no sewage holding tank) has an effective outlet sealing device installed on the toilet facility, with the outlet sealing device from the toilet facility being maintained in a sealed state, and the toilet sealed, at all times while the vessel is secured to the structures.
- 30 The Consent Holder shall have the structural integrity of the barge dock, boat ramp, jetty facility and dinghy ramp structures inspected and reported on by a Chartered Professional (Structural) Engineer. The first inspection shall be undertaken prior to November 2035 and the wharf and marina facility structures shall be re-inspected at ten yearly intervals prior to the month of November in 2045, with a final inspection undertaken prior. Chartered Professional Engineer shall be provided to the Council's assigned monitoring officer within two weeks of completion of each inspection. The inspection report shall identify any maintenance that is required, the timeframe within which this maintenance is required to be carried out, and shall confirm, or otherwise, the ongoing structural integrity and security of the structures.
- 31 The Consent Holder shall carry out all the maintenance required as a result of the inspections undertaken in accordance with Condition 30 within the timeframe(s) prescribed in the inspection report. The Consent Holder shall notify the Council's assigned monitoring officer, in writing, as soon as the maintenance works have been completed on each occasion. This notice shall be accompanied by a statement from a Chartered Professional (Structural) Engineer confirming that any identified maintenance works have been undertaken to his/her satisfaction as prescribed in the inspection report.
- 32 In the event of failure or loss of structural integrity of any part of the structures, the Consent Holder shall immediately:
- (a) Retrieve all affected elements and debris that might escape from the facilities and dispose of these on land where they cannot escape to the coastal marine area; and
 - (b) Advise the Regional Harbourmaster for Northland and the Council's Compliance Manager of the event and the steps being taken to retrieve and dispose of the affected elements and debris.

Advice Note: *The principal purpose of this condition is to avoid navigation safety being compromised by floating debris and avoid contamination of the coastal marine area by debris arising as a result of loss of structural integrity of the structures.*

AUT.040976.05 – Exclusive Occupation of the Coastal Marine Area

- 33 The exclusive occupation of the Exclusive Occupation Zone as defined on attached Haigh Workman Limited drawing referenced as Northland Regional Council Plan Number **4988/1** shall not commence until such time as construction works commence.
- 34 The public shall have reasonable access to navigate vessels within the Exclusive Occupation Zone, where there is no impediment to the operation of the barge dock or boat ramp.
- 35 The berth identified as an exclusive occupation zone for occupation and use by the SS Minerva shall be available for public use for the drop off and pick up of passengers and goods when it is not occupied by the SS Minerva.

AUT.040976.06, AUT.040976.07, AUT.040976.11 – AUT.040976.14 Capital and Maintenance Dredging, Deposition of Spoil to the Coastal Marine Area and to Land and Associated Discharges

- 36 Dredging works shall only be carried out between 1 April and 30 September by a barge-mounted hydraulic excavator and/or by a shore based hydraulic excavator.
- 37 Dredging shall only be carried out between 7.00 a.m. and sunset or 6.00 p.m., whichever occurs earlier, and only on days other than Sundays and public holidays.
- 38 At least 10 working days prior to capital dredging being undertaken the consent holder shall provide a Dredging Management Plan (DMP) to the Council's assigned monitoring officer for certification by the Council's Compliance Manager. The DMP shall include the following:
- (a) Detailed dredging design plans (including cross sections) showing the extent of the dredging area and batter slopes. The design plan shall include location co-ordinate data (in NZ Transverse Mercator projection) for the seaward extent of dredging area, and the extent of the batter slopes.
 - (b) A description of circumstances where a geotextile boom will be utilised during dredging activities to control localised turbidity.
 - (c) Dredging timetable and hours of operation.
 - (d) Details of the location of the deposition of dredging spoil.
 - (e) Means of containing and transporting all dredge spoil material to an approved disposal site.
 - (f) Means of avoiding any conflict between dredging vessels and public within the Kawakawa River, including any existing moorings.

Advice Note: *The Council's Compliance Manager's certification of the DMP is in the nature of certifying that adoption of the plan is likely to result in compliance with the conditions of these consents. The Consent Holder is encouraged to discuss its proposed DMP with Council monitoring staff prior to finalising the plan.*

- 39 The depth of capital and maintenance dredging shall not exceed 3.1 metres below One Tree Point Datum.

- 40 Any discharge from dredging activities, including fugitive discharges, shall not cause the water quality of the receiving waters, as measured at or beyond a 100 metre radius mixing zone from the dredger, or 10 metres from a point of discharge to coastal waters from land, to result in, or fall below any of the following standards:
- (a) The visual clarity, as measured using a Secchi disk, shall not be reduced by more than 50% of the background visual clarity at the time of measurement.
 - (b) The turbidity of the water (Nephelometric Turbidity Units (NTU)) shall not be increased by more than 50% of the background turbidity at the time of measurement.
 - (c) The Total Suspended Solids shall not exceed 40 grams per cubic metre above the background measurement.
 - (d) There shall be no conspicuous oil or grease films, scum or foams, or floatable or suspended materials, or emissions of objectionable odour.
 - (e) There shall be no destruction of natural aquatic life by reason of a concentration of toxic substances.
 - (f) The concentration of dissolved oxygen shall not be reduced below 80% saturation.
 - (g) The natural water temperature shall not be changed by more than 3° Celsius.
 - (h) The natural pH of the waters shall not be changed to more than 0.2 units.
- 41 A copy of these consents shall be provided to the person who is to carry out the work, prior to commencement of the dredging on each occasion. A copy of the consents shall be held on site, and be available for inspection by the public, during the works on each occasion.
- 42 The Consent Holder shall notify the Council's assigned monitoring officer in writing as soon as each stage and/or season of dredging has been completed, providing details of the locations where dredging has been undertaken and the volume of dredged spoil removed from each area on each occasion.
- 43 All dredged spoil shall be fully contained upon being excavated and whilst being transported to an authorised disposal site.
- 44 All dredged spoil shall be disposed of at an authorised disposal site.

AUT.040976.10 – Stormwater Discharge

- 45 Prior to any discharge activities commencing under this consent, the proprietary stormwater treatment system(s) and the discharge point(s) into the coastal marine area shall be installed in accordance with CMP identified in Condition 13 (c).
- 46 The discharge of stormwater from the proprietary stormwater treatment system shall not result in any of the following effects, as measured at or beyond a 20 metre radius from the stormwater outlets:
- (a) Cause the pH of the receiving water to fall outside of the range 6.5 to 9.
 - (b) Cause the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials in the receiving water.
 - (c) Cause any emission of objectionable odour in the receiving water.
 - (d) Cause any significant adverse effects on aquatic life or public health.

- 47 The concentration of the contaminants in the stormwater discharges, as measured at any stormwater discharge point into the coastal marine area, shall not exceed:
- (a) 0.014 milligrams per litre of total copper;
 - (b) 0.048 milligrams per litre of total lead;
 - (c) 0.165 milligrams per litre of total zinc; or
 - (d) 100 milligrams per litre of Total Suspended Solids.

Advice Note: *The limits on heavy metal concentrations in the stormwater discharge have been calculated by applying a dilution factor of 11 to the coastal water quality standards required by Policy H.3.3 of the Proposed Regional Plan for Northland (PRP).*

- 48 The proprietary stormwater treatment system, and all associated equipment, shall be adequately maintained so that it operates effectively at all times. The Consent Holder shall keep a written record of all maintenance carried out on the proprietary stormwater treatment system and shall supply a copy of this record to the Council's assigned monitoring officer immediately on written request.

AUT.040976.01, AUT.040976.15 – AUT.040976.17 – Reclamation, Earthworks and Diversion and Discharge of Stormwater During Land Disturbance Activities

- 49 Prior to the commencement of earthworks on-site, a stabilised construction entrance to the site shall be installed to minimise the tracking of spoil or debris onto off-site public road surfaces. All material tracked onto off-site surfaces as a result of the exercise of this consent shall be removed as soon as possible, but at least daily. The stabilised construction entrance shall be maintained throughout the duration of earthworks operations.
- 50 Erosion and sediment controls shall be installed prior to the commencement of earthworks (other than those required for the erosion and sediment controls) within an area of works.
- 51 The installation of all erosion and sediment controls shall be supervised by an appropriately qualified and experienced person.
- 52 No earthworks shall be carried out between 1 May and 30 September in any year unless the prior written agreement of the Council's Compliance Manager has been obtained.
- 53 Any request to undertake works between 1 May and 30 September in any year must be in writing and shall be made at least two weeks prior to the proposed date that the works are required to be undertaken. This written request shall include amended details of the erosion and sediment controls for the works that have been prepared as part of the CMP in accordance with Condition 13(c).
- 54 No slash, soil, debris or detritus associated with the exercise of these consents shall be placed in a position where it may be washed into any downstream water body.
- 55 No drainage pathways shall be constructed, or permitted to flow, over fill areas in a manner that creates erosion of the fill material.
- 56 All earthworks operations shall be carried out in a manner that minimises the potential for slope instability and soil erosion. Effective mitigation measures shall be installed as required to mitigate and/or remedy any slope failures.

- 57 All bare areas of land and fill (including the reclamation) shall be covered with aggregate, or topsoiled and established with a suitable grass/legume mixture to achieve an 80% groundcover within one month of the completion of earthworks, and the completion of the reclamation. Temporary mulching or other suitable groundcover material shall be applied to achieve total groundcover of any areas unable to achieve the above requirements.
- 58 The exercise of these consents shall not cause any of the following effects on the water quality of the Kawakawa River, as measured approximately 10 metres downstream of a discharge point into the river, when compared to a site upstream of all land disturbance activities during the same sampling event:
- (a) The production of any conspicuous oil or grease films, scums or foams, floatable or suspended materials;
 - (b) A conspicuous change in colour or visual clarity;
 - (c) An emission of objectionable odour;
 - (d) An increase in suspended solids concentration greater than 100 grams per cubic metre.
- 59 The exercise of these consents shall not give rise to any discharge of contaminants, including dust, which in the opinion of a monitoring officer of the Council is noxious, dangerous, offensive or objectionable at or beyond the property boundary.

EXPIRY DATES:	AUT.040976.01	UNLIMITED
	AUT.040976.02 – AUT.040976.05, AUT.040976.07, AUT.040976.09, AUT.040976.10, AUT.040976.12 - AUT.040976.14	30 NOVEMBER 2055
	AUT.040976.06, AUT.040976.08, AUT.040976.11, AUT.040976.15 - AUT.040976.17	30 NOVEMBER 2030

These consents were granted by Hearings Commissioner Rob van Voorthuysen on the Fourteenth day of January 2021. Pursuant to section 133A of the Resource Management Act 1991, a minor correction has been made to the expiry dates. This correction has been authorised under delegated authority by Stuart Savill, Consents Manager on 8 March 2021.

Advice Note: *The plans attached to this consent are reduced copies and therefore may not be to scale and may be difficult to read. In the event that compliance and/or enforcement action is to be based on compliance with the attached plans, it is important that the original plans, are sighted and used.*

SCHEDULE 1

ENVIRONMENTAL STANDARDS – NOISE

CONSTRUCTION NOISE

Based on Table 2, NZS 6803: 1999 “Acoustics – Construction Noise”, Standards New Zealand:

Time of Week	Typical Duration	Typical Duration (dBA)		Short Term Duration		Long Term Duration	
		L _{eg}	L _{max}	L _{eg}	L _{max}	L _{eg}	L _{max}
Weekdays	0630 – 0730	60	75	65	75	55	75
	0730 – 1800	75	90	80	95	70	85
	1800 – 2000	70	85	75	90	65	80
	2000 – 0630	45	75	45	75	45	75
Saturdays	0630 – 0730	45	75	45	75	45	75
	0730 – 1800	75	90	80	95	70	85
	1800 – 2000	45	75	45	75	45	75
	2000 – 0630	45	75	45	75	45	75

Construction Sound levels shall be measured in accordance with New Zealand Standard NZS 6803:1999 “Acoustics – Construction Noise”. Measurement assessment locations shall be at residential receivers using the methodology set out in Section 6 of NZS 6803:1999 “Acoustics – Construction Noise”

Advice 1 “Short-term” means construction work any one location for up to 14 calendar days.

Notes: “Typical duration” means construction work at any one location for more than 14 calendar days, but less than 20 weeks.

“Long-term” means construction work at any one location with a duration exceeding 20 weeks.

2 Noise levels L_{10} , L_{95} and L_{max} are measured in dBA. Definitions are as follows:

(a) dBA means the sound level obtained when using a sound level meter having its frequency response A-weighted. (See IEC 651);

(b) L_{max} means the maximum noise level (dBA) measured;

(c) L_{95} means the noise level (dBA) equalled or exceeded for 95% of the measurement time;

(d) L_{10} as for L_{95} except that the percentage figure is 10%.

OPERATION NOISE

Noise from any activity authorised by these consents (except for construction noise) must comply with the following noise standards at the notional boundary of any noise sensitive activity.

<i>Time Period (Mon – Sun)</i>	<i>Noise Limit</i>
<i>0700 hrs to 2200 hrs</i>	<i>55dBA LAeq(15min)</i>
<i>2200 hrs to 0700 hrs</i>	<i>45dBA LAeq(15min)</i>
	<i>75dBA LAmax</i>

Operational Sound levels shall be measured in accordance with New Zealand Standard NZS 6801:2008 Measurement of Environmental Sound and assessed in accordance with NZS 6802:2008 Acoustics – Environmental Noise.

Advice Note: *The boundary of the facilities, for the purposes of measuring noise levels, shall be the notional boundary of any residential property not under the control of the consent holder.*

SCHEDULE 2

TESTING PROGRAMME FOR WATER QUALITY

DURING CONSTRUCTION OF RECLAMATION, BARGE DOCK, BOATRAMP AND JETTY FACILITY, MANGROVE REMOVAL, CAPITAL DREDGING AND MAINTENANCE DREDGING

Testing will be carried out for compliance with the standards in Condition 58.

DURING OPERATION OF BARGE DOCK AND BOATRAMP FACILITIES AND STORMWATER DISCHARGE

Water Quality Sampling

Testing will be carried out for compliance with the standards in Conditions 27, 46, 47 and 58.

The stormwater discharge shall be sampled at least once annually at the point of discharge, being after the proprietary system but before any mixing, during a moderate rainfall event following an extended dry period. Samples shall be analysed for total suspended solids (TSS), total copper, total lead, and total zinc and the result compared against the discharge standards specified in Condition 47.

Results of this monitoring shall be reported to the council's assigned monitoring officer in writing within one week of the result being obtained from the laboratory.

Marine Sediment Quality Sampling

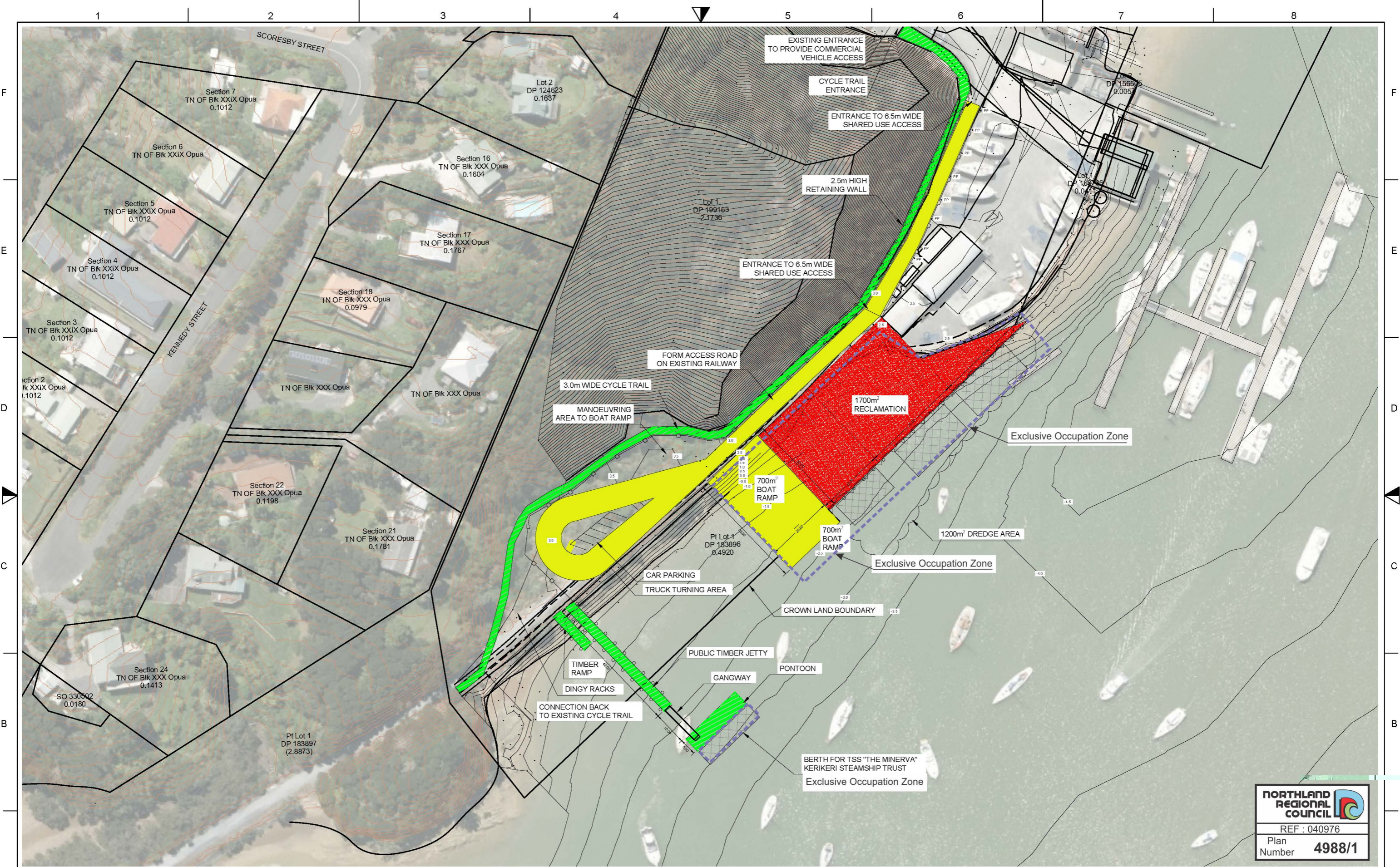
Testing for metals in the seabed from at least one site within each of the exclusive occupation areas will be carried out annually. Samples will be collected from the top two centimetres of the sediment.

Sediments will be analysed for copper, zinc, lead, chromium, nickel, and cadmium for compliance with standards in Condition 28.

DURING CAPITAL DREDGING AND MAINTENANCE DREDGING OPERATIONS

Testing will be carried out for compliance with the standards in Condition 40.

During dredging operations, the consent holder, or its assigned agent, shall take secchi disc readings at least daily of the waters 50m upstream and 100m downstream of the dredging operation. Results of the daily inspections are to be recorded in a written log book by the Consent Holder. This log will be made readily available for viewing by the Council upon request. A copy of the log shall be provided to the Council's assigned monitoring officer upon written request. Should two consecutive sets of secchi disc readings indicate water quality outside that allowed for by Condition 40 at or beyond the compliance boundary, then the Consent Holder will notify the Council as soon as practical (but not longer than the following day) and take steps to improve water quality at the compliance boundary.



NORTHLAND REGIONAL COUNCIL
 REF : 040976
 Plan Number **4988/1**

Issue	Date	Revision
-	19/3/2019	WORK IN PROGRESS
1	28/5/2019	RESOURCE CONSENT
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS

DWG **Site Location Plan**

Scale 1:1000 @A3

Drawn JP Checked EC Approved

Date 23/1/2018

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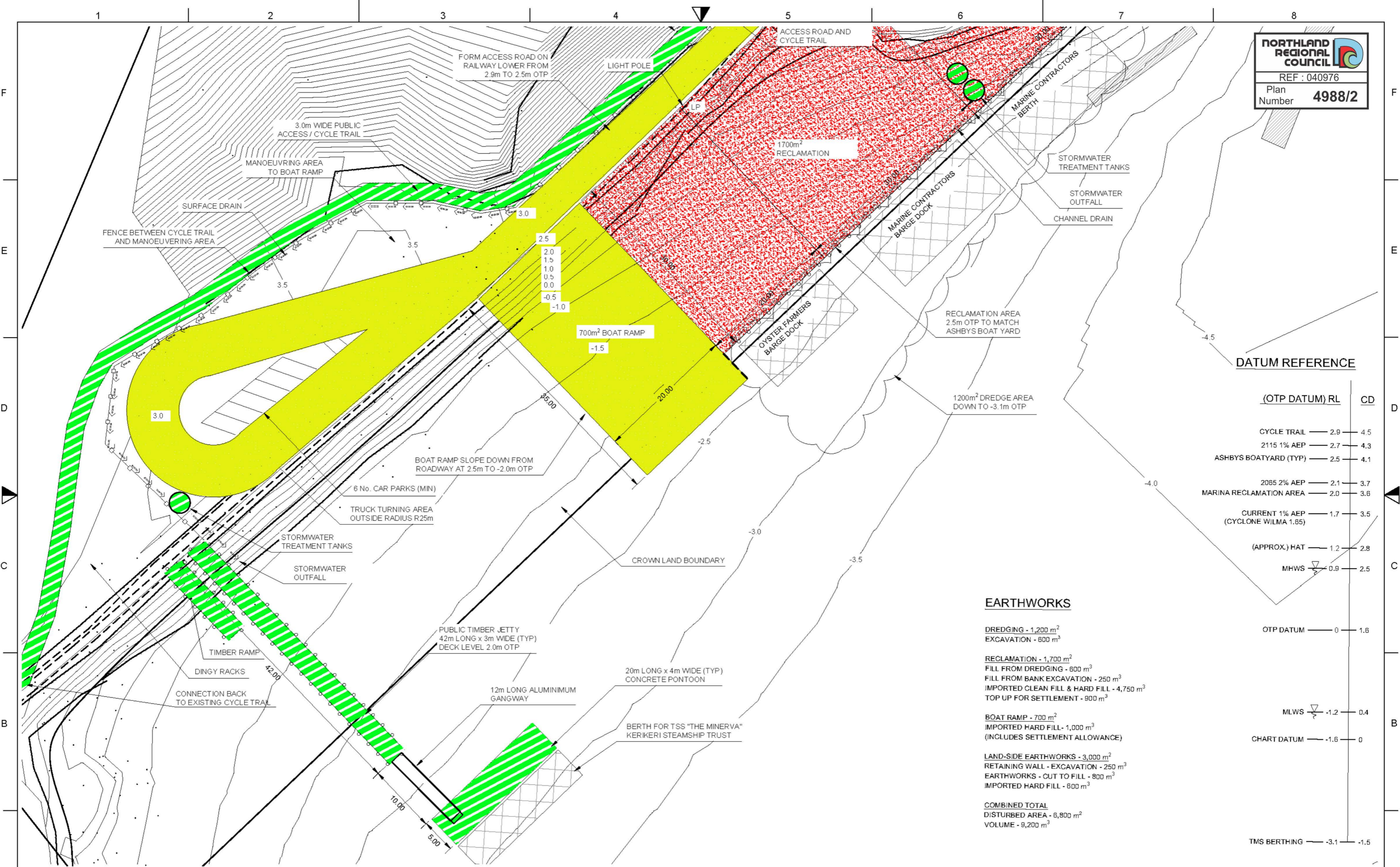
Project **Opua Hard Stands Extension**
 Ashby's Boat Yard, Opua

Client **Far North Holdings Ltd**

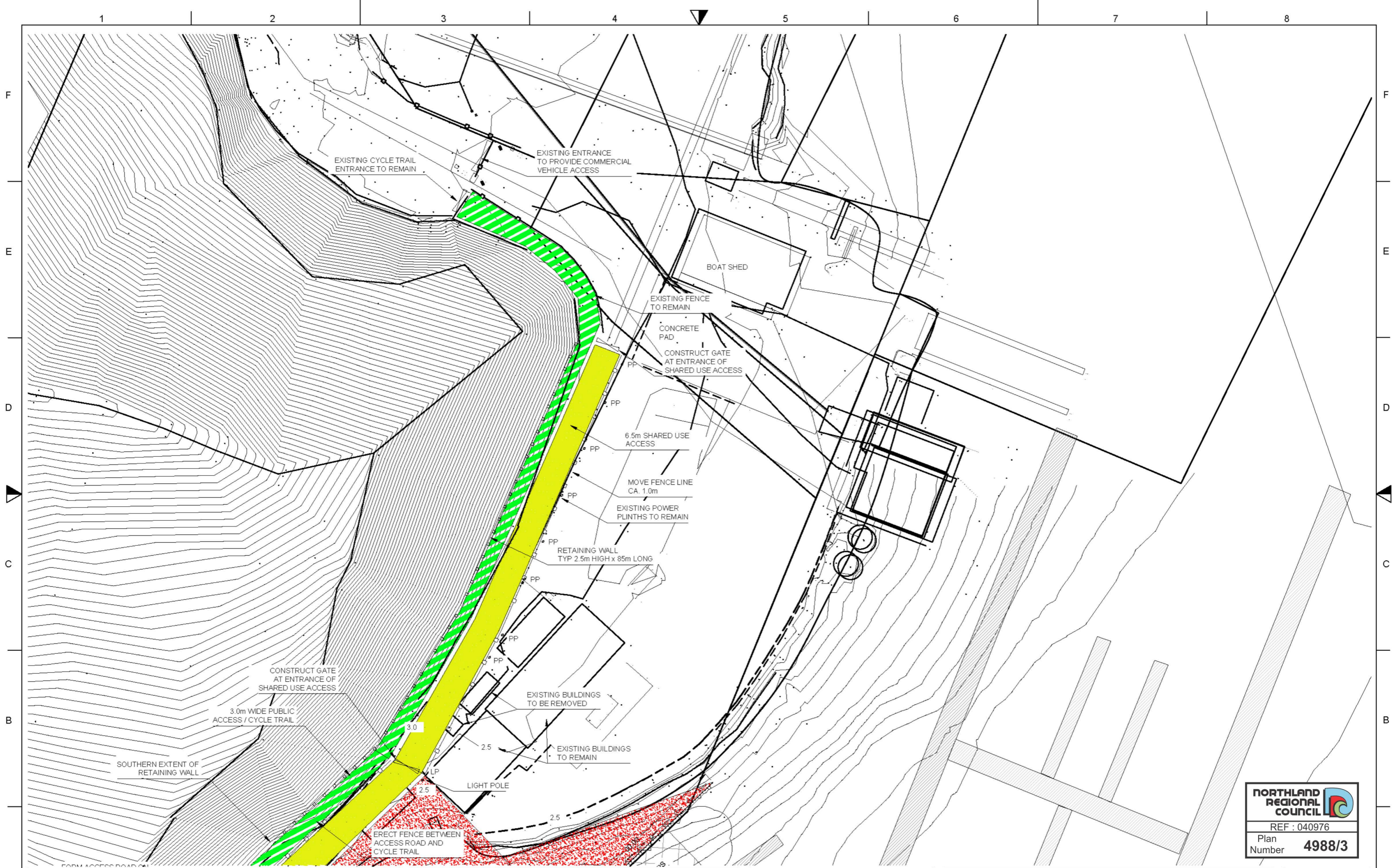
Project No. 15 119 RC no.

DWG No. **01**

Sheet No. **1** of **9**



A	Issue	Date	Revision	DWG Proposed Development Plan	 6 Fairway Drive Kerikeri, B01. T: 09 407 8327 F: 09 407 8378 E: info@haghworkman.co.nz	Project	Opua Hard Stands Extension		DWG No.	02	
	-	19/3/2019	WORK IN PROGRESS			Client	Far North Holdings Ltd		Sheet No.		2 of 9
	1	28/5/2019	RESOURCE CONSENT			Project No.	15 119	RC no.			
	B	20/9/2019	AMENDED CYCLE TRAIL ACCESS								
Scale 1500 @A3			 Date 23/1/2018		Drawn JP Checked EC Approved						



NORTHLAND REGIONAL COUNCIL

REF : 040976

Plan Number **4988/3**

Issue	Date	Revision
-	19/3/2019	WORK IN PROGRESS
1	28/5/2019	RESOURCE CONSENT
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS

DWG **Proposed Access Plan**

Scale 1:500 @A3

Drawn JP Checked EC Approved

Date 23/1/2018

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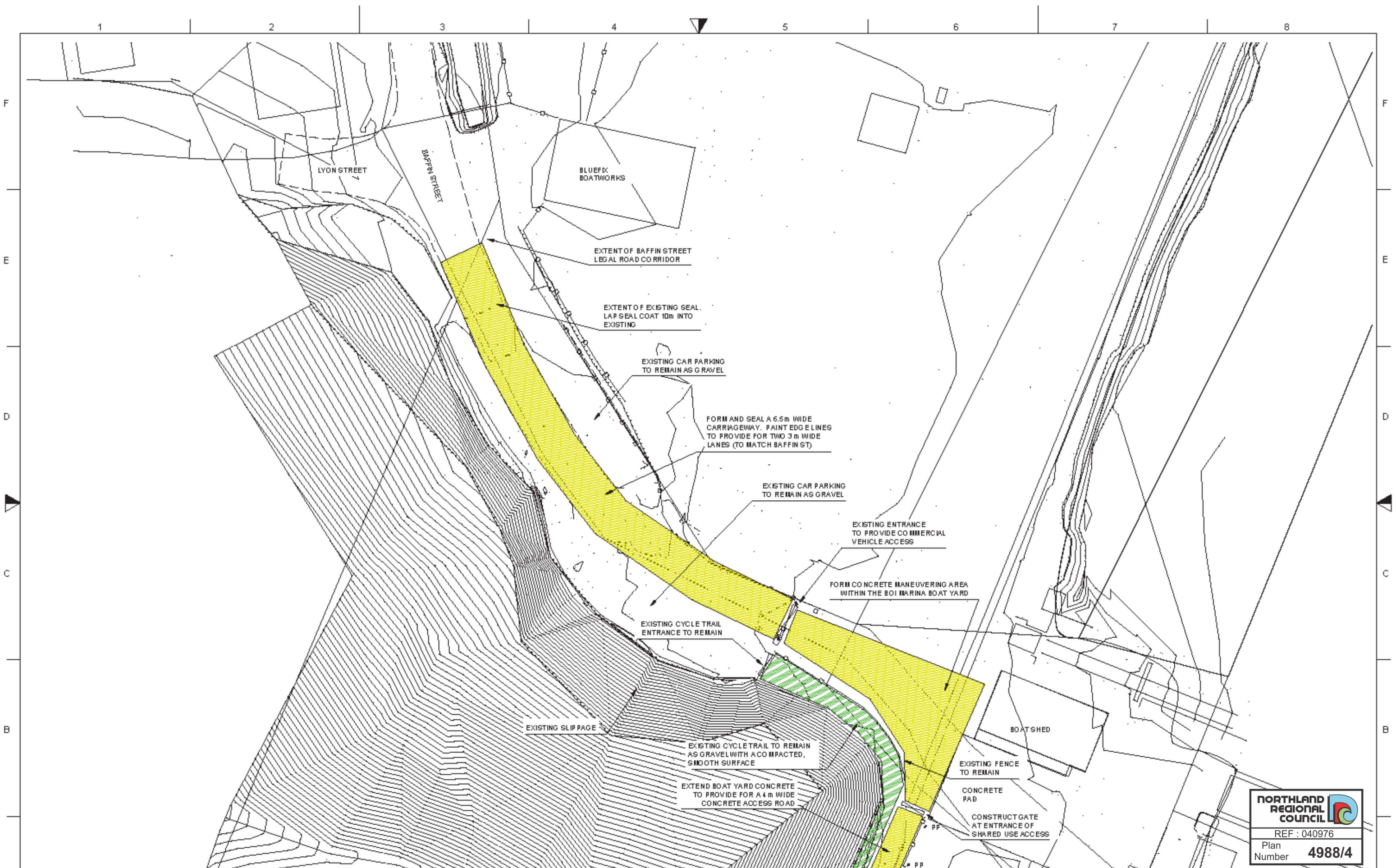
Project **Opua Hard Stands Extension**
Ashby's Boat Yard, Opua

Client **Far North Holdings Ltd**

Project No. 15 119 RC no.

DWG No. **03**

Sheet No. **3 of 9**



NORTHLAND REGIONAL COUNCIL
 REF: 040976
 Plan Number **4988/4**

Issue	Date	Revision
A	7/12/2020	FIRST ISSUE - RESOURCE CONSENT HEARING

DWG Proposed Access Plan - Baffin Street

Scale 1:500 @ A3

Date 7/12/2020

Drawn JP Checked Approved

File

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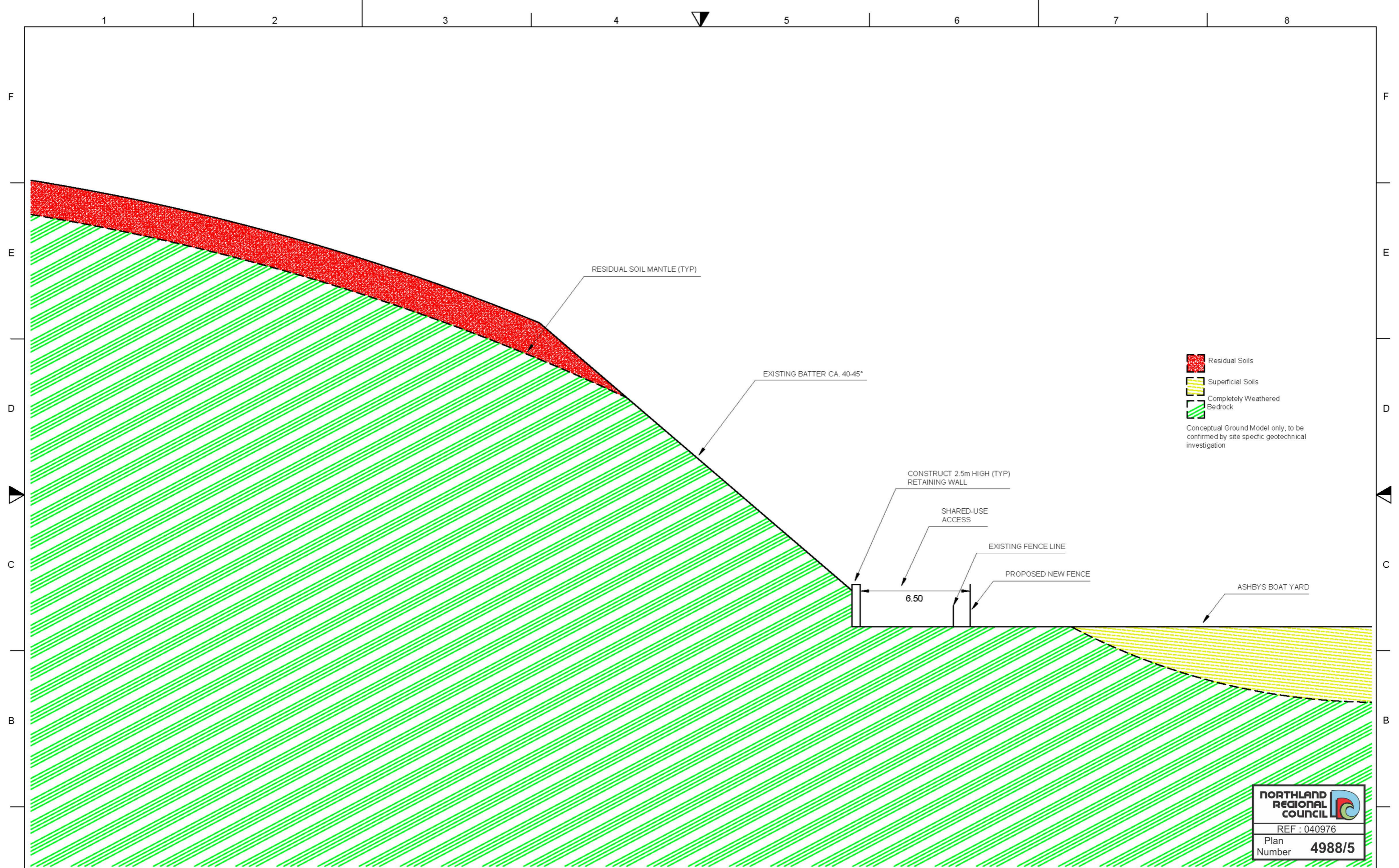
Project Opua Hard Stands Extension
 Aslby's Boat Yard, Opua

Client Far North Holdings Ltd

Project No. 15 119 RC no.

DWG No. **03a**

Sheet No. **4 of 9**



NORTHLAND REGIONAL COUNCIL
 REF : 040976
 Plan Number **4988/5**

Issue	Date	Revision
-	19/3/2019	WORK IN PROGRESS
1	28/5/2019	RESOURCE CONSENT
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS

DWG **Proposed Access - Typical Cross Section**

Scale 1:200 @A3

Date 23/1/2018

Drawn JP Checked EC Approved

File

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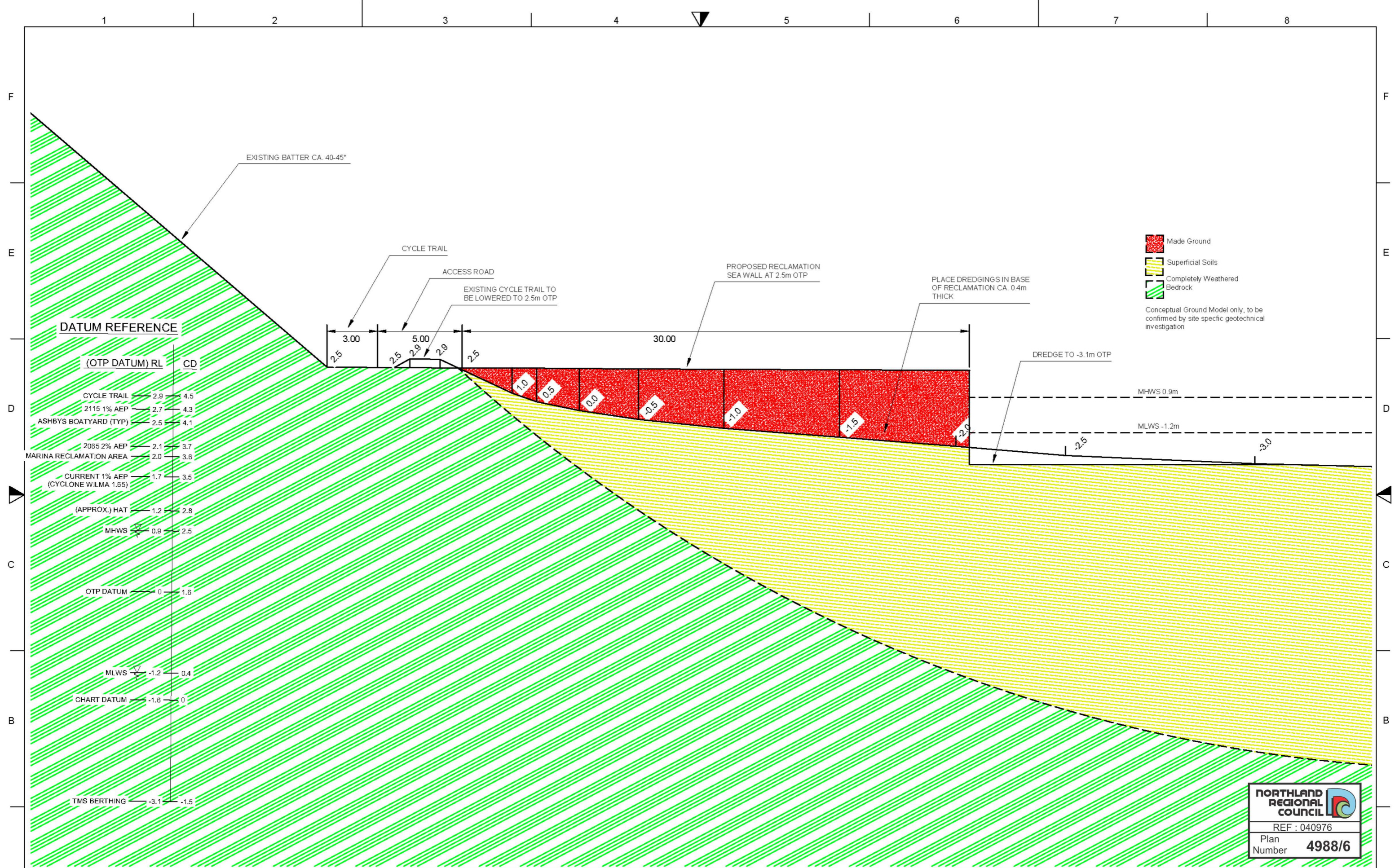
Project **Opua Hard Stands Extension**
 Ashby's Boat Yard, Opua

Client **Far North Holdings Ltd**

Project No. 15 119 RC no.

DWG No. **04**

Sheet No. **5 of 9**

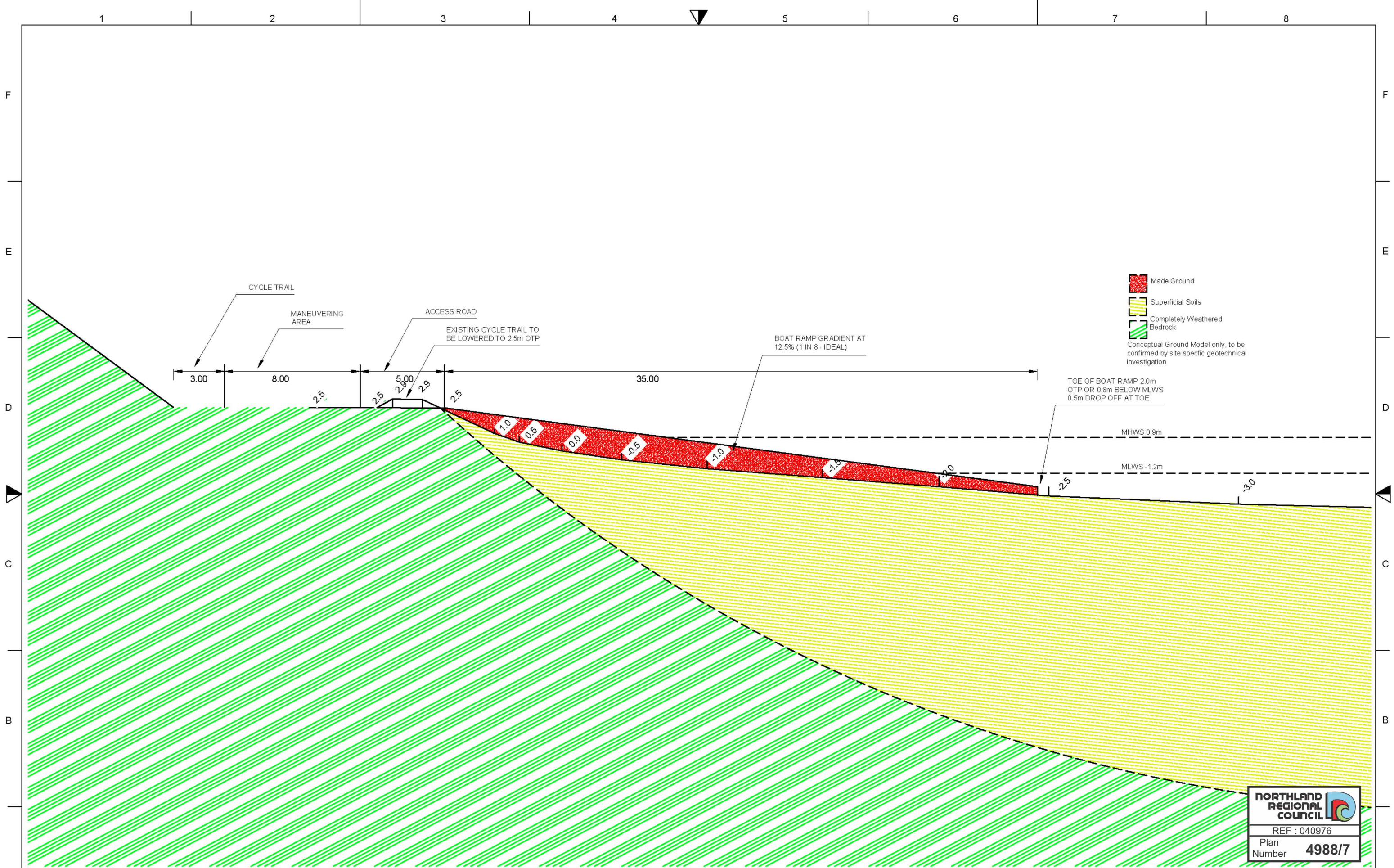


NORTHLAND REGIONAL COUNCIL
 REF : 040976
 Plan Number **4988/6**

Issue	Date	Revision	DWG	Project	DWG No.
-	19/3/2019	WORK IN PROGRESS	Proposed Reclamation - Typical Cross Section Scale 1:200 @A3 Date 23/1/2018 Drawn JP Checked EC Approved File	Opua Hard Stands Extension Ashby's Boat Yard, Opua Far North Holdings Ltd Project No. 15 119 RC no.	05 Sheet No. 6 of 9
1	28/5/2019	RESOURCE CONSENT			
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS			

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REF : 040976

Plan Number **4988/7**

Issue	Date	Revision
-	19/3/2019	WORK IN PROGRESS
1	28/5/2019	RESOURCE CONSENT
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS

DWG **Proposed Boat Ramp - Typical Cross Section**

Scale 1:200 @A3

Drawn JP Checked EC Approved

Date 23/1/2018

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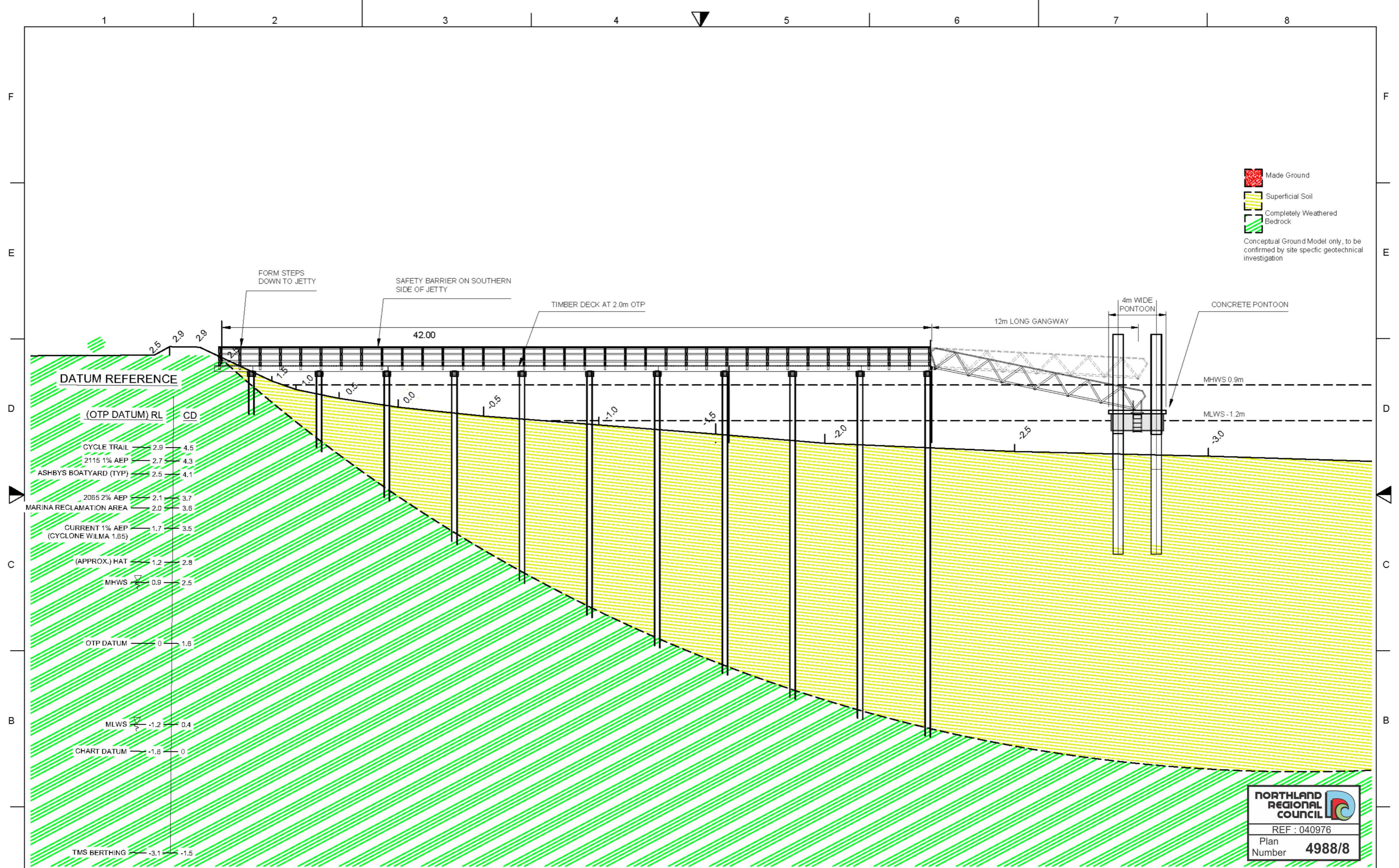
Project **Opua Hard Stands Extension**
Ashby's Boat Yard, Opua

Client **Far North Holdings Ltd**

Project No. 15 119 RC no.

DWG No. **06**

Sheet No. **7** of **9**



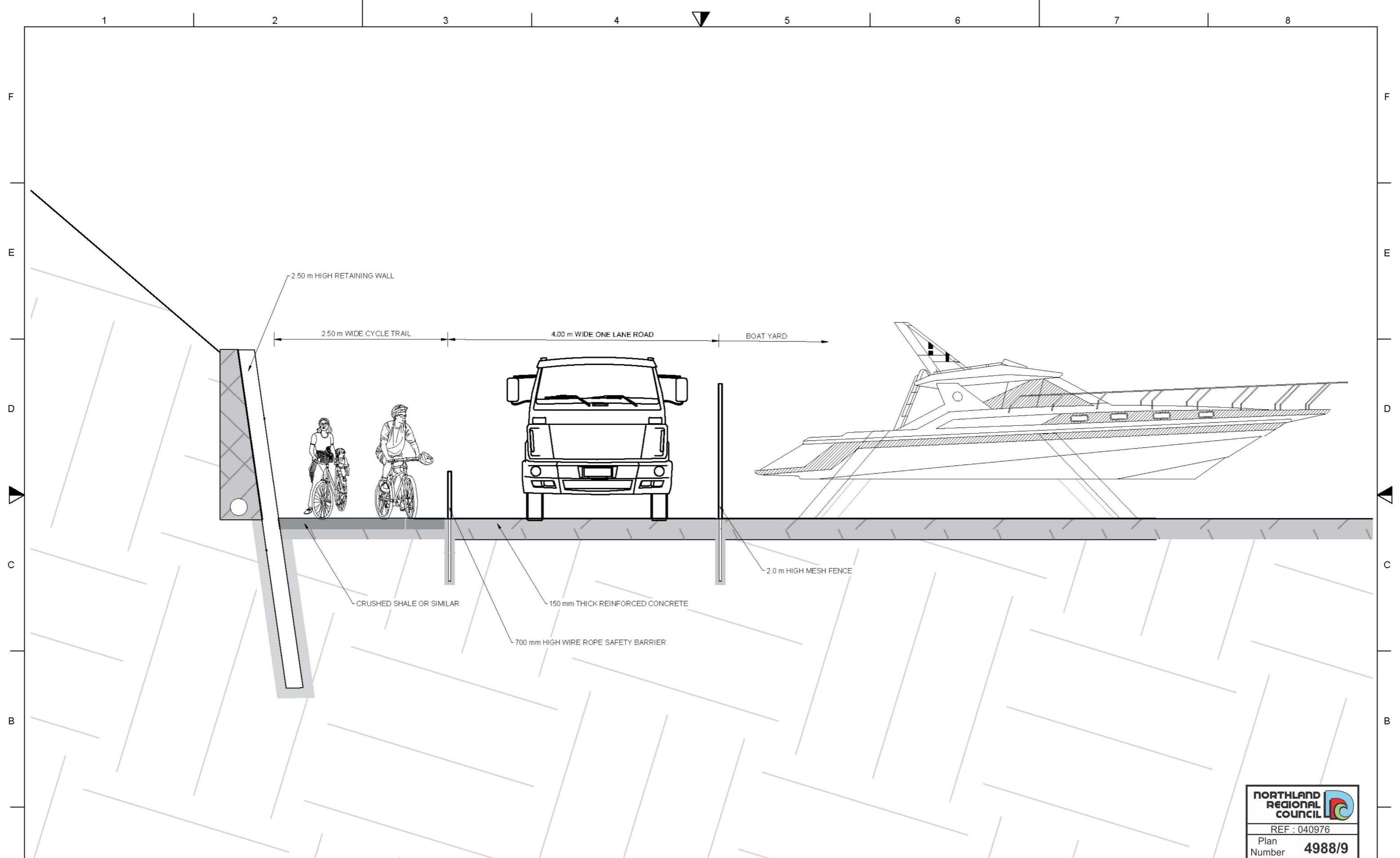
Conceptual Ground Model only, to be confirmed by site specific geotechnical investigation

NORTHLAND REGIONAL COUNCIL
 REF : 040976
 Plan Number **4988/8**

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Issue	Date	Revision																								
-	19/3/2019	WORK IN PROGRESS																								
1	28/5/2019	RESOURCE CONSENT																								
B	20/9/2019	AMENDED CYCLE TRAIL ACCESS																								
Scale 1:200 @A3			Date 23/1/2018			Client Far North Holdings Ltd			Sheet No. 8 of 9																	
Drawn JP			Checked EC			Approved			Project No. 15 119			RC no.														

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REF : 040976

Plan Number **4988/9**

Issue	Date	Revision
A	14/12/2020	FIRST ISSUE - RESOURCE CONSENT HEARING

DWG	Typical Cross Section Shared Use Access		
Scale	1:50 @A3	Date	14/12/2020
Drawn	EJC	Checked	JP
Approved	JP		
File			

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Project	Opua Hard Stands Extension Ashby's Boat Yard, Opua	
Client	Far North Holdings Ltd	
Project No.	15 119	RC no.

DWG No.	08
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