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NORTHLAND REGIONAL COUNCIL

Te Kaunihera a rohe o Te Tai Tokerau

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Please Quote File: 5454
PAG

9 September 2011

Far North Holdings Limited
PO Box 7
Opua 0241

Dear Sir or Madam

ACKNOWLEDGEMENT OF PARTIAL TRANSFER OF RESOURCE CONSENT CON201105454(11, 13-16 & 41) AND CON201105454(17, 19-40)

The Council acknowledges the partial transfer of the above resource consents and payment of the $53.00 transfer fee as a deposit.

As a consequence the above consents that continue to be held by Far North Holdings Limited are:

- **CON20110545411 (11, 13-16 & 41)**; and
- **CON20110545419 (19-25, 28-40)**

We **enclose** the above resource consents showing the record of the transfer.

We also **enclose** for your information a copy of resource consents **CON20112921501 (01-08)** issued to Paihia Maritime Properties Limited as a result of the transfers.

All of the documents have been issued with all deletions and changes shown, for reasons of clarity. Please note the conditions and expiry dates that apply to each of the consents.

Please find **enclosed** an invoice for actual and reasonable costs of processing this transfer. As you have been advised, the time needed to be spent on these particular transfers due to their complexity have far exceeded that normally involved for transfers of consents, typically involving only a consent holder name change.

We thank you for your assistance in the process.

Yours faithfully

Paula Gerrard
Consents Team and Quality Administrator

cc. Paihia Maritime Properties Limited, PO Box 498, Paihia 0247

CON2011054541~~7~~19
(19-25, 28-40 ~~(17, 19-40)~~

Resource Consent

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, PO BOX 7, OPUA 0241

Notes: ***1. This document results from the transfer of CON20110545417, 26, 27, 31, 34, 35 & 36 from Far North Holdings Limited to Paihia Maritime Properties Limited (CON20112921501-07) under Transfer Form received by the Northland Regional Council on 3 May 2011.***

2. Deletions are shown as ~~strike-through~~ and consequential changes shown underlined

For the following activities at Paihia, Bay of Islands:

Coastal Permits

(17) ~~Construct a rock abutment approximately 70 metres long and comprising approximately 1,300 cubic metres of material adjacent to the existing aquarium building for the purposes of beach protection.~~

(19) Construct a piled concrete and timber promenade structure approximately 6 metres wide and 115 metres long adjacent to the existing and proposed reclamations.

(20) Construct a floating wave attenuator structure approximately 160 metres long off the eastern end of the proposed reclamation, along with approximately 24 Mediterranean (stern to) moorings and their use for mooring up to 12 craft.

(21) Construct and use of a fixed concrete helipad landing facility approximately 120 square metres in area, along with a walkway, towards the eastern end of the proposed deck.

(22) Replace the existing low level landing and fast boat berthing structures along the eastern side of the main wharf with a new fixed and floating structure approximately 24 metres long and 3 metres wide and its use by commercial craft.

(23) Install three fixed finger jetties, each approximately 3.6 metres wide and 18 metres long, along with gangways and floating pontoons (approximately 9 metres x 4 metres) and their use for berthing commercial craft.

(24) Replace the existing fuel jetty on the northern arm of the wharf with a new floating pontoon structure approximately 16 metres long and 4 metres wide, plus a gangway connected to a 6 metre extension of the wharf.

(25) Install a floating pontoon approximately 15 metres long and 3 metres wide along the southern (inland) side of the western arm of the wharf.

(26) ~~Construct a piled concrete deck structure of approximately 650 square metres adjacent to the existing aquarium café building for public viewing and outdoor dining purposes.~~

~~(27)~~ ~~Place a pile berth adjacent to the deck for the temporary mooring of craft and a gantry structure on it, primarily for game fish weighing purposes.~~

(28) Construct a piled concrete and timber deck structure approximately 6 metres wide and 115 metres long between the existing wharf and the proposed abutment at the eastern end of the proposed beach.

(29) Construct a timber walkway approximately 220 metres long from the proposed eastern abutment along the western (inner) side of the proposed beach, along with parts of two connecting walkways to Marsden Road being approximately 30 metres and 10 metres long respectively.

(30) Construct five shelters, each approximately 20 square metres in area, incorporating seating and other public facilities, adjacent to the proposed timber walkway and beach.

(31) Install electricity, telecommunications, water, and sewer lines to the proposed fixed and floating structures.

(32) Combine three existing stormwater pipes into a single discharge line terminating at the seaward end of the western beach abutment, extend an existing stormwater pipe located to the south of the Aquarium Café and provide associated headwall structures.

(33) Discharge up to 3.08, 1.77 and 0.15 cubic metres per second, respectively of stormwater to the coastal marine area from a single (combined) outlet at the western abutment to the proposed beach, one extended outlet located to the south of the Aquarium Café and one new outlet adjacent to the proposed reclamation.

(34) Carry out maintenance dredging of the proposed navigation channel and the seabed around the proposed fixed and floating structures.

(35) Discharge decant water from material placed on the beach as part of the proposed beach replenishment.

(36) Occupy space in the coastal marine area with and use the structures approved by this consent.

(37) Occupy four proposed commercial finger piers adjacent to the northern promenade deck to the exclusion of the general public.

Land Use Consent and Associated Stormwater Discharges

(38) Carry out earthworks and filling associated with a proposed reclamation of approximately 3,900 square metres and affecting approximately 1,000 square metres of land above mean high water springs for the purposes of providing pedestrian and service vehicle access to the three buildings and a helipad, along with landscaped open space, seating and other public facilities on the proposed reclamation.

(39) Carry out earthworks and land filling associated with placement of approximately 41,000 cubic metres of sand and other material over a distance of approximately 325 metres on the foreshore between two proposed abutments for the purposes of beach replenishment, creation of a public open space, informal recreational areas and protection of Marsden Road.

(40) Discharge stormwater runoff to ground from the earthworks and land filling areas mentioned above.

At or about location co-ordinates: 1699390 E 6095200 N.

Notes: 1. *All location co-ordinates in this document refer to Geodetic Datum 2000, New Zealand Transverse Mercator Projection.*
2. *The term renourished, where referred to in this document and in related plans, shall mean replenished.*

Subject to the following conditions:

General

1 Development shall proceed in general accordance with the information provided in the application and at the hearing of the application and the plans listed in **Schedule 5 attached**.

2 The Consent Holder shall comply with the General Performance Standards **attached** in **Schedule 3**.

Occupation

3 The occupation area approved under this consent shall be as shown on Northland Regional Council Plan **4221A** but excluding the area shown on Far North Holdings Limited Plan titled "Overall View of Occupation Area to be Transferred", Project No. 1030, Sheet No. 10, Rev. 1.1, dated 23/05/11.

Advice Note: *For clarity the occupation area previously approved by Coastal Permit CON20050545402 is also shown.*

4 The Consent Holder may only exclude the general public from the three finger jetties that extend off the promenade deck and the helipad structure, other than during emergencies where there is a need for public access to one or more finger jetties for reasons of safety.

Advice Note: *For the avoidance of doubt, the eastern attenuator finger jetty and the low level landing alongside the southern side of Paihia Wharf are not finger jetties referred to in this condition.*

5 Other than the exclusive occupation of space associated with the three finger jetties provided by conditions of this consent, the occupation of space by the structures authorised by this consent shall not be an exclusive occupation of space. All promenade and viewing deck areas authorised by this consent that are located in the coastal marine area shall be available for public pedestrian access and use, free of charge, at all times, other than times when it is necessary to limit public pedestrian access for reasons of safety. Any limitation of public access for reasons of safety or operational necessity shall be over the minimum area and for the minimum time necessary.

Lighting

6 Lighting, other than lighting required by the Director of Maritime Safety to meet international, hydrographic standards for navigational safety purposes shall:

(a) be the minimum required for its purpose – pathway, surface signage illumination, active building entrance, wharf illumination;

(b) be entirely of fully shielded full cut off fittings to contain all light below the horizontal from fittings or masts no higher than 4 metres; and

(c) restrict all spillage to no more than 20 metres from the boundary of wharves and attenuator and no more than 10 metres from paths or commercial and maritime building reclamation.

Fuel Berth

7 The Consent Holder shall ensure that signage containing the information detailed in **Schedule 6**, is permanently displayed in a prominent position immediately adjacent to the dispenser. The Consent Holder shall submit a copy of the proposed text of the sign to the Northland Regional Council, within 15 working days of the date of granting of this consent, for certification that it contains the information required by **Schedule 6**. The sign shall be erected after the Northland Regional Council's certification of the text but no later than the first time that the dispenser is operated.

Advice Note: *The sign is a permitted activity provided it meets the relevant standards in the Regional Coastal Plan for Northland. Otherwise a resource consent will be required for the sign.*

8 The Consent Holder shall ensure that the fuel transfer system associated with the fuel berth includes the following:

(a) A drip tray placed appropriately to collect drips from within the dispenser housing. It shall be adequately maintained, including the regular replacement of any oil absorbent material;

(b) An automatic shut off valve located at the dispenser to ensure supply is stopped immediately if the dispenser is damaged;

(c) A dispenser activated valve to isolate the pipeline from the storage tank when the dispenser is not being operated;

(d) An "in-line accumulator" to absorb the increased line pressure from thermal expansion to prevent the nozzle from dripping;

(e) Leak detectors that will operate to prevent the dispensing of fuel if there is significant pressure drop in the line;

(f) A breakaway coupling on the dispenser hose so that if a vessel moves away from the pontoon with the nozzle still in the vessel, the hose will break away rather than pulling away the dispenser; and

(g) An emergency stop button at the dispenser, which, when operated, will instantly close off valves to stop any fuel being dispensed.

Sewage Pump Out

9 The sewage pump-out at the finger jetty at the base of the eastern attenuator shall be located and configured so that it can be used by visiting vessels on the outside of the attenuator at times when the sewage pump-out is not in use by commercial craft at the assigned commercial berth. The proposed dinghy tie-up area shall be located so as to enable easy access by visiting vessels using the pump-out.

10 The operation of the sewage pump-out system shall not give rise to any discharge of contaminants, which are noxious, dangerous, offensive, or objectionable at or beyond a radius of 10 metres from the source of the contaminant discharge.

Oil Spills

11 At least one month prior to construction works commencing on the facilities, the Consent Holder shall provide to the Northland Regional Council for its approval a procedure for dealing with oil spills that may occur at the facility during construction.

Noise Levels

12 Noise levels associated with the construction and operation of the facilities shall not exceed those set out in **Schedule 1, attached**.

Construction and Maintenance Dredging

13 The Consent Holder shall notify the Northland Regional Council in writing the date construction work is to commence and this notification shall be given at least two weeks before the starting date.

14 Maintenance dredging may be carried out by the Consent Holder within the occupation area shown on Northland Regional Council Plan No. **4221A,** with the exception of the dredged area shown on Far North Holdings Limited Plan titled "Capital Dredge Volume to be Transferred", Project No. 1030, Sheet No. 11, Rev. 1.1, dated 23/05/11, and within the approved navigation channel to no deeper than previously approved levels, with all dredgings being disposed of to an authorised land based site.

15 The Consent Holder shall notify the Northland Regional Council in writing of the date maintenance dredging is to commence at least one week, but not more than two weeks, before dredging commences. At the same time, the Consent Holder shall contact the Regional Harbour Master (Northland Regional Council) to initiate the issue of any Notice to Mariners regarding navigation warning arising from the dredging activities.

16 The Consent Holder shall notify the Northland Regional Council in writing as soon as the works and maintenance dredging operations respectively are completed.

17 Construction work and dredging operations shall only be carried out between 7.30 a.m. and sunset or 6.00 p.m., whichever occurs earlier, and only on days other than Sundays and public holidays, including the period between 23 December and 3 January.

18 The methods used to carry maintenance dredging shall be by barge-mounted hydraulic digger into a sealed hopper bin mounted on the barge and thence unloaded directly into sealed truck units to an approved site or by cutter suction dredge pumping directly to the beach being replenished. Other than disposal of suitable dredged material to the beach as part of beach replenishment and to the reclamation, no disposal of dredgings shall take place to the coastal marine area.

19 Maintenance dredging operations shall not result in the complete blockage of navigation channels at any time.

20 The Consent Holder shall publicly advertise the location and timing of maintenance dredging in the Northern Advocate and Northern News, at least one week in advance of commencing dredging operations at the site. Signs pre-advertising the dredging period shall be placed at the Paihia Wharf.

21 The Consent Holder shall contact the Regional Harbourmaster, at least one month in advance of any construction in the coastal marine area, to initiate the issue of a Notice to Mariners regarding any necessary navigation warning arising from construction activities.

22 Immediately upon completion of the construction of all works associated with this consent the Consent Holder shall, in writing, notify:

Nautical Information Advisor
Land Information New Zealand
Private Box 5501
Wellington

Maritime New Zealand
P O Box 27-006
Wellington

The Far North District Council
Private Bag 752
Kaikohe

Northland Regional Council
Private Bag 9021
Whangarei

The Consent Holder shall include a plan of the completed works with the notification.

23 Within one month of completion of each maintenance dredging, the Consent Holder shall, in writing, notify:

Nautical Information Advisor
Land Information New Zealand
Private Box 5501
Wellington

Maritime New Zealand
P O Box 27-006
Wellington

The Far North District Council
Private Bag 752
Kaikohe

Northland Regional Council
Private Bag 9021
Whangarei

The Consent Holder shall include a bathymetric plan of the completed dredged area with the notification to each of the above parties.

24 The bathymetric plan shall indicate the maintenance dredged area by shading or similar identification and shall show the positions of the channel marks. The datum used for the bathymetric survey shall be the applicable Chart Datum at the site.

The bathymetric survey shall be carried out at or better than the following specifications:

(a) Sample rate: Maximum of 2 Hz.

(b) Survey line spacing: Maximum of 20 metres, located perpendicular to the dredged channel.

(c) Accuracy: RTK-GPS or similar methodology that can provide equivalent or higher accuracy.

(d) Datum: Datum 2000, NZTM projection, with elevations referenced to OTP1964 vertical datum or Chart Datum.

(e) Data Supply: ASCII X, Y, Z file in csv format.

A copy of the ASCII X, Y, Z file, referred to in (e) above shall be provided to the Northland Regional Council at the same time as the bathymetric plan.

Rubbish/Debris

25 The Consent Holder shall provide rubbish collection facilities, appropriate to the rubbish to be collected, on shore and shall dispose of all rubbish to authorised disposal facilities. The Consent Holder shall keep the coastal marine area free of rubbish and debris.

Maintenance of Vessels

26 Maintenance of vessels using the facilities authorised by this consent shall be limited to minor maintenance activities that do not give rise to actual or potential discharges of contaminants to the coastal marine area.

Water Quality

27 The Consent Holder shall ensure that the quality of the receiving waters at any point 50 metres from the location of construction work associated with the facilities and from the dredger (in respect of maintenance dredging activity) as a result of the exercise of this consent, at all times meets the following standard:

Purpose	Standard
Natural visual clarity	Not reduced more than 20%
Natural hue	Not changed more than 10 Munsell units.
Oil/grease film, scum, foam, odour	No conspicuous oil or grease film, scum or foam, floatable or suspended materials, or emissions of objectionable odour.

28 The Consent Holder shall ensure that the quality of the receiving waters at any point 50 metres outside the boundary of the occupation area, as a result of the exercise of this consent, meets the following standard:

Purpose	Standard
Natural visual clarity	Not reduced more than 20%.
Natural hue	Not changed more than 10 Munsell units.
Oil/grease film, scum, foam, odour	No conspicuous oil or grease film, scum or foam, floatable or suspended materials, or emissions of objectionable odour.
Faecal Coliforms	Based on not fewer than 5 samples within any 30 day period median < 150/100 ml and 80%ile < 600/100 ml.

Stormwater

29 Before the expiry of one year after the lodging of the first notice to the Northland Regional Council of intended commencement of the exercise of any component of this consent, the applicant will lodge with the Northland Regional Council drawings, with NZ Transport Agency consultation response, showing the feasibility of meeting the required stormwater capacity of existing pipes serving the residential, commercial and State Highway 11 drainage needs between the Nihonui Point (western) abutment and the eastern abutment of the re-nourished Horotutu Beach by combined the three existing stormwater outlets into a single marine outlet incorporated into the western abutment of Horotutu Beach.

The outlet of the combined stormwater outfall shall be located on the inner (eastern) side of the beach abutment at the western end of Horotutu Beach, shown in Figure 40 in **attached Schedule 5**, and shall be configured so as to minimise scouring action from stormwater discharges.

Advice Note: *The intention of this condition is to avoid, as far as is practicable, any potential siltation from Horotutu catchment towards Te Ti Beach and to minimise loss of sand from the active beach/seabed area during stormwater discharge events.*

30 Only if the Consent Holder establishes, and the Northland Regional Council accepts, that discharges from areas served at the time of granting of this consent cannot be directed to the abutments may discharge across the re-nourished Horotutu Beach be installed to dissipators, which shall have no part above the level of Mean Low Water Springs.

Advice Note: *The Consent Holder should discuss the need for navigation marks with the Regional Harbourmaster for Northland before seeking approval from Maritime New Zealand and installation.*

31 Notwithstanding any other conditions of this consent, the discharge of stormwater from the discharge outlet at the southern end of the reclamation shall not result in any of the following effects in the receiving water, at or beyond the edge of the mixing zone:

(a) A reduction in the dissolved oxygen concentration to below 80% of saturation.

(b) A change in the natural water temperature greater than three degrees Celsius.

(c) A change in the natural pH greater than 0.2 units.

(d) The change in water clarity as measured by the black disc or seechi disc method shall not be greater than 20%.

(e) The change in hue as measured with the Munsell Colour Chart System shall not exceed 10 units.

(f) The production of any conspicuous oil or grease film, scum or conspicuous floating or suspended materials.

(g) The concentration of metals shall not exceed the following:

total copper	0.0013 g/m^3
total lead	0.0044 g/m^3
total zinc	0.015 g/m^3

(h) Any emission of objectionable odour.

(i) Any adverse effect on aquatic life.

The harbour waters within a 10 metre radius of each discharge point shall be deemed to be the mixing zone for this discharge.

When the background water quality in the coastal waters does not meet the above standards, then the discharge shall not cause the water quality in the harbour at edge of the mixing zone to be worse than the background water quality.

Advice Note: *For compliance purposes, when comparing background and receiving water quality results the error of the analytical method, or measuring instrument, at the 95 percentile confidence level should be taken into account.*

32 The Consent Holder shall, for the purposes of adequately monitoring the consent as required under Section 35 of the Act, on becoming aware of any contaminant associated with the Consent Holder's operations escaping otherwise than in conformity with this consent:

(a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain such escape;

(b) Immediately notify the Northland Regional Council by telephone of an escape of contaminant;

(c) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and

(d) Report to the Northland Regional Council in writing within one week on the cause of the escape of the contaminant and the steps taken or being taken to effectively control or prevent such escape.

Maintenance of Facilities

33 All facilities authorised by this consent shall be adequately maintained. Replacement of piles covered by this consent may be carried out during the term of this consent without further approval being required under the Resource Management Act 1991 provided:

(a) The position of replaced piles is not altered from the original position;

(b) No discharge or deposition of contaminants occurs into the coastal marine area; and

(c) There is no use of explosives.

Monitoring

34 Various elements of the monitoring may be carried out by the Consent Holder with the agreement of the Northland Regional Council.

A sampling and testing programme associated with the monitoring shall generally follow that set out in **Schedule 2 attached**. The sampling and testing programme may, as a result of consultation between the Northland Regional Council and the Consent Holder, be amended, subject to the prior written approval of the Northland Regional Council.

Advice Note: *Monitoring of the consent will be carried out by the Northland Regional Council, except as otherwise approved by the Northland Regional Council.*

35 Monitoring of water quality during dredging and placement of materials to the beach shall be undertaken by the Consent Holder on a daily basis via visual inspection during the course of the works operations. This monitoring shall be undertaken by the contractor during dredging or the Consent Holder's nominated agent. This shall involve daily inspections during the period when dredging is being carried out to identify any visually observable change in clarity (turbidity) of change in the colour (hue) in the waters from the activities at or beyond the mixing zone boundaries referred to in Condition 27. Results of the daily inspections shall be recorded in a written log by the Consent Holder, and submitted to the Northland Regional Council weekly via fax or email.

36 The Consent Holder shall survey the cross shore profiles of the replenished Horotutu Beach for a period of at least 10 years following the beach replenishment as follows:

(a) Baseline profiles within one month prior to carrying out replenishment; and

(b) At six months following completion of the replenishment, thereafter annually; and

(c) Within one month of each storm of probability of 20% or smaller return period in any year.

The Consent Holder shall also survey the cross shore profile of Te Ti Beach for a minimum period of two years prior to and 10 years following the beach replenishment. Monitoring of Te Ti Beach shall be carried out:

(d) At six months following completion of the replenishment, thereafter annually; and

(e) Within one month of each storm of 1 in 5 year or greater return period.

At least two profiles, at approximately the third points along the replenished Horotutu Beach and at least three profiles at approximately the quarter points along Te Ti Beach shall be obtained on each survey occasion.

All profiles shall be repeatable and shall extend from the eastern edge of Marsden Road to the line of Mean Low Water Springs. The northern-most profile of the replenished Horotutu Beach shall commence at the kerb directly across the road from the boundary of no's 96 and 98 Marsden ~~Point~~ Road and shall follow a bearing of 42 degrees (true).

The Consent Holder shall forward copies of the result of each survey, together with an interpretation of the results by a suitably qualified coastal expert, to the Northland Regional Council and to the New Zealand Transport Agency within two months of the particular survey date.

Advice Note: *The purpose of this condition is to document any change in littoral sand circulation in response to the placed breakwater(s) and rock abutments.*

37 If, after 5 years following replenishment, the need for further survey monitoring is considered unnecessary by the Consent Holder and the Northland Regional Council's Monitoring Programme Manager – Coastal, the Consent Holder may seek a reduction in the survey period under Section 127 of the Act.

38 The Consent Holder shall maintain Horotutu Beach in its replenished state. Notwithstanding the generality of this, in the event that the sand section of the berm, as shown on Bellingham Marine Plan entitled "Eastern Beach Abutment and Renourished Beach" drawing No. PWD 1-06, Revision 6, dated August 09, reduces to less than 3 metres, or the fill under the beach is exposed, then, without delay, the Consent Holder shall reinstate the berm to its approved width and the "imported" beach surface layer reinstated to its approved thickness.

Advice Note: *In the above event, the Consent Holder should check with the Northland Regional Council regarding any further consents, if any, that may be required.*

Bonds

39 The Consent Holder shall enter into a bond, called the Replenishment Capital Works Bond, with the Northland Regional Council, at least three months prior to the commencement of the placement of the first of either of the Northern or Outer Western breakwaters. The purpose of the Replenishment Capital Works Bond is to ensure that the Horotutu Beach replenishment occurs upon the placement of at least one of the breakwaters. The value of the Replenishment Capital Works Bond shall be $(Dec 2008)1,000,000. The Replenishment Capital Works Bond shall remain in place until the Horotutu Beach replenishment has been completed to specification.

Advice Note: *For the avoidance of doubt, the total Replenishment Capital Works Bond required by this resource consent and any Replenishment Capital Works Bond required by the Minister of Conservation are not additive.*

40 The Consent Holder shall enter into a bond, called the Replenishment Maintenance Bond, with the Northland Regional Council at least three months prior to the completion of the initial Horoututu Beach replenishment activity. The purpose of the Replenishment Maintenance Bond is to ensure the performance of Condition 38 above. The value of the Replenishment Maintenance Bond shall be $(Dec 2008)100,000. The Replenishment Maintenance Bond shall remain in place for not less than 10 years after the expiry date of the consent for the replenished beach.

Advice Note: *For the avoidance of doubt, the total Replenishment Maintenance Bond required by this resource consent and any Replenishment Maintenance Bond required by the Minister of Conservation are not additive.*

41 The values of each of the bonds to be provided under this consent shall be adjusted for inflation at five yearly intervals and the Consent Holder shall provide any additional bond amount required as a result of this.

42 The forms of the bonds shall be cash amounts or bank or other security acceptable to the Northland Regional Council. The total bonds in each case may comprise combinations of the above alternatives.

Advice Note: *The Far North District Council would be an acceptable surety.*

43 If a bond is provided by a bank or other security, then it shall be prepared by the Northland Regional Council's solicitor, and shall be signed and sealed by both parties. All costs associated with the preparation and registration of the bonds shall be met by the Consent Holder.

44 The bonds shall be in accordance with the relevant principles and terms set out in **Schedule 7 attached**.

45 The Consent Holder shall advise the Northland Regional Council in writing of its chosen form of bond:

(a) At least six months prior to the placement of any of the breakwaters in respect of the Replenishment Capital Works Bond; and

(b) At least six months prior to the completion of the initial Horoututu Beach replenishment activity.

46 If the resource consents for either the breakwaters or the beach replenishment are transferred in part or in whole to another party or person, the transferor Consent Holder shall not be entitled to the release, if sought, of any part of any bond provided by it until the transferee Consent Holder has a replacement bond of the same value, or proportional value in the case of partial transfer, and which is fully compliant with the relevant consent, in place with the Northland Regional Council.

47 If the cross shore profiles of Te Ti Beach indicate that adverse effects on beach stability are occurring or have occurred as a result of the breakwaters and/or beach abutments placed under the authority of this consent, the Consent Holder shall avoid, remedy or mitigate these adverse effects in consultation with the Northland Regional Council and obtain, at the same time, such consents as are required to amend this consent.

Construction Management Plan

48 The Consent Holder shall submit to the Northland Regional Council, at least 15 working days prior to the commencement of each construction stage (including dredging), a detailed construction management plan to be implemented and maintained for all activities related to the activities in the stage that are the subject of this consent.

The construction management plan shall specify, but not necessarily be limited to, the following matters:

(a) A construction timetable.

(b) Site management, including details of:

- Site access.
- Storage of fuels and lubricants *(**Advice Note**: These should be bunded or contained in such a manner so as to prevent the discharge of contaminants from spillages).*
- Maintenance of machinery and plant to minimise the potential for leakage of fuels and lubricants.
- Confirmation that no equipment or machinery is cleaned, or refuelled in any part of the coastal marine area, except for machinery operating on the barge that may require refuelling.

(c) Methods to minimise discolouration of the coastal marine area during construction and dredging activities.

(d) Methods to ensure compliance with noise standards.

(e) Methods to remedy any disturbance to the foreshore during works.

(f) A contingency plan in the event that there is any discharge to the coastal marine area.

(g) Measures to provide for public safety.

(h) A Construction Traffic Management Plan, prepared in consultation with the New Zealand Transport Agency and Far North District Council, which shall include, but not by way of limitation, specific details relating to avoiding, remedying or mitigating any adverse effects of:

- Machinery during site works.
- Proposed numbers and timing of truck movements throughout the day and the proposed routes including the identification of heavy vehicle routes which avoid residential streets.
- Safe and clear pedestrian access and thoroughfare on roads and footpaths adjacent to the site.
- Storage of materials and loading and unloading of equipment.

(i) Measures to address biosecurity.

Prior to construction commencing the Consent Holder shall lodge a Biosecurity Management Plan (BMP) with the Northland Regional Council. The BMP shall address measures to avoid the introduction of any unwanted or risk species through the use of construction plant and equipment which is to be bought to the site from other locations. The BMP shall include details regarding the cleaning and inspection of machinery and [plant] brought into the Bay of Islands and on staff training, monitoring and reporting mechanisms.

Prior to the first use of any introduced construction plant and equipment as referred to above, the Consent Holder shall arrange inspection of the same for infestation of any unwanted or risk species and certification of it having been treated and inspected as required by this condition by a suitably qualified and experienced person. A copy of this certification shall be provided to the Northland Regional Council on request. The Consent Holder shall not allow any construction plant and equipment under its control or direction, associated with the proposal not certified as having been treated and inspected as required by this condition, or showing any indication of being infected with any unwanted or risk species or having visited an area infested with such species to be used.

The BMP shall have the following objectives:

- To avoid the introduction of any unwanted or risk species into the Bay of Islands in the construction phase of the development;
- To ensure effective treatment of all construction plant and equipment used in association with the construction phase of the development to ensure it does not become a vector for the spread of any unwanted or risk species; and
- To set out a staff biodiversity monitoring and reporting system.

Advice Note:

1. *The purpose of each construction management plan is to ensure that all works in the stage are undertaken in a manner which avoids, remedies or mitigates adverse effects on the environment.*

2. *The involvement of the New Zealand Transport Agency and Far North District Council is intended to ensure that the requirements of those entities, as the respective authorities for State Highway 11 and local district roads, are accommodated.*

49 The Consent Holder shall not damage State Highway 11 nor any Crown owned infrastructure, or adversely affect State Highway drainage during construction activities, beyond those activities specifically authorised by resource consent or otherwise agreed with the land owner. Should damage occur, then the Consent Holder shall promptly advise this to the land owner.

50 Sand used in the beach replenishment at Paihia shall be similar to the natural beach sediment. The "imported" beach surface layer material shall be no less than 1.0 metre thick and shall generally meet the following guidelines:

(a) Grade: A median sand diameter (d_{50}) of 0.4 – 0.5 mm shall be used.

(b) Less than 25% shell material by volume.

(c) Less than 2.5% shall be finer than 63 micrometres (μm) (ie., silt and clay) by weight.

(d) Sand colour shall be light as distinct from dark.

(e) Sand shall be free of any organic material and contaminants.

(f) Proof of sand source and consents for the extraction of sand, if required, shall be supplied to the Northland Regional Council.

The Consent Holder shall submit a sample of the intended imported sand, together with a material specification demonstrating compliance with the above guidelines, to the Northland Regional Council at least two months before the date it is intended to first place this material on Horotutu Beach.

51 Samples of beach replenishment sand proposed to be imported from other locations than the Paihia dredge sites covered by this consent shall be taken from the first three barge loads of sand and analysed by a soils testing laboratory to confirm compliance with the material specification provided under Condition 50. Sample results shall be supplied to the Northland Regional Council within five working days of sampling, including confirmation of compliance and identification of any aspects of non-compliance with the material specification.

52 The Consent Holder's earthworks, beach replenishment and reclamation operations shall not give rise to any discharge of contaminants, which are noxious, dangerous, offensive, or objectionable at or beyond the footprint of the earthworks, beach replenishment and reclamation areas.

Review of Conditions of Consent

53 The Northland Regional 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 of this consent. Such notice may be served annually during the month of December. The review may be initiated for any one or more of the following purposes:

(a) To deal with any adverse effects on the environment that may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or to deal with any such effects following assessment of the results of the monitoring of the consent and/or as a result of the Northland Regional Council's monitoring of the state of the environment in the area.

(b) To require the adoption of the best practicable option to remove or reduce any adverse effect on the environment.

(c) To deal with any material inaccuracies that may in future be found in the information made available with the application. (Notice may be served at any time for this reason.)

The Consent Holder shall meet all reasonable costs of any such review.

54 Prior to the expiry, cancellation, or lapsing of this consent the Consent Holder shall remove all structures (other than reclamations) and other materials and refuse associated with this consent from the consent area and shall restore the consent area to the satisfaction of the Northland Regional Council, unless an application for a replacement consent has been properly made beforehand.

Lapsing of Consent

55 The lapse dates for consents shall be as follows:

i) Maintenance Dredging and Decant Water Discharge (Consent References 34-35) and Beach Replenishment and associated Stormwater Discharges (Consent References 39-40) - 31 March 2044; and

ii) All other consents - 31 March 2021.

unless the consent is given effect to before this date, or such later date as may be granted under Section 125 of the Act.

EXPIRY DATE:	**Coastal Permits:**		
	(19-25, 26, 28-33, 36-37)	**Construction/Placement and Use Activities**	**31 MARCH 2044**
	(34-35)	**Maintenance Dredging and Decant Water Discharge**	**31 MARCH 2044**
	Land Use and Associated Stormwater Discharge Consents:		
	(38)	**Reclamation**	**31 MARCH 2021**
	(39-40)	**Beach Replenishment (Landfill) and Associated Stormwater Discharge**	**31 MARCH 2044**

A Richards
Consents Programme Manager - Coastal and Works

Issue Date: 5 September 2011

SCHEDULE 1

ENVIRONMENTAL STANDARDS – NOISE

CONSTRUCTION

From NZS 6803: 1999 "Acoustics – Construction Noise", Standards New Zealand

Time of Week	Time Period	Noise Limit (dBA)	
		L_{eq}	L_{max}
Weekdays	0630 -0730	60	75
	0730-1800	75	90
	1800-2000	70	85
	2000-0630	45	75
Saturdays	0630 -0730	45	75
	0730-1800	75	90
	1800-2000	45	75
	2000-0630	45	75
Sundays and Public Holidays	0630 -0730	45	75
	0730-1800	55	85
	1800-2000	45	75
	2000-0630	45	75

Note: The definitions of L_{eq} and L_{max} are given in NZS 6803:1991.

OPERATION

Based on Rule 9.6.5.1.12 of the Far North District Plan.

Noise emitted from any activity, when measured at the boundary of the zone (as defined below), shall not exceed the following noise levels.

Time Period	*Noise Limit*
0700 hrs to 2200 hrs	*55 dBA L_{10}*
2200 hrs to 0700 hrs the following day	*45 dBA L_{10}*
	70 dBA L_{max}

Note: The boundary of the zone shall be the line of mean high water springs and the radius of 100 metres of the source of the noise.

Sound levels shall be measured in accordance with New Zealand Standard NZS 6801:1991 Measurement of Sound and assessed in accordance with NZS 6802:1991 Assessment of Environmental Sound.

SCHEDULE 2

SAMPLING AND TESTING PROGRAMME

During Construction

During dredging operations, temperature, pH, salinity, clarity, faecal coliforms and dissolved oxygen in the area being dredged, will be checked not less than twice during dredging operations to ensure that the effects of these continue to be minor.

Visual inspections will be conducted as required by consent conditions.

The clarity will be measured at three sites (at approximately 10 metre spacings across current) 50 metres down-current and also at three sites (at approximately 10 metre spacings across current) 50 metres up-current from the operating position of the dredger/excavator bucket, and at three sites (at approximately 10 metre spacings across current) 50 metres down-current and also at three sites (at approximately 10 metre spacings across current) 50 metres up-current from the down-current and up-current ends, respectively, of the reclamation, using a Black Disk and/or Seechi Disk methods. If the clarity down-current (the value being the median of the three down-current measurements) is reduced by more than 20% of the up-current visual clarity (the value being the median of the three up-current measurements), then this shall be interpreted as a change to a conspicuous extent.

SCHEDULE 3

GENERAL PERFORMANCE STANDARDS

(Section 31.8.12 of the Regional Coastal Plan for Northland)

The following standards shall apply to all specified permitted, controlled, restricted discretionary and discretionary activities, and to all non-complying activities, listed in the Marine 6 Management Area:

(a) Noise generated as a result of activity within the coastal marine area shall comply with the following standards:

(i) the activity shall not cause excessive noise as defined in Section 326 of the Resource Management Act; and

(ii) the level of noise received at or beyond the Coastal Marine Area boundary shall not exceed the level imposed by the relevant district plans.

(b) All lighting associated with activities in the coastal marine area shall not by reason of its direction, colour or intensity, create:

(i) a hazard to navigation and safety; or

(ii) a hazard to traffic safety on wharves, ramps, and adjacent roads; or

(iii) a nuisance to other users of the surrounding coastal marine area or adjacent land.

(c) Parking shall be provided to the extent required by the relevant district plan or proposed district plan. If a particular activity is not referred to in the appendix of the relevant district plan or proposed district plan, use the closest, most similar activity for the proposal. The parking shall be provided within a reasonable and practical distance to service the activity.

(d) Discharges to water shall, after reasonable mixing, comply with the relevant receiving water quality standards and shall not contain any contaminants which could cause:

(i) The production of conspicuous oil or grease film, scum or foam, or floatable or suspended materials.

(ii) Any conspicuous change in the colour or decrease in the visual clarity of the receiving waters.

(iii) Any emission of objectionable odour.

(iv) Accumulation of debris on the foreshore or seabed underlying or adjacent to the discharge point.

(v) Any significant adverse effects on aquatic life or public health.

(e) Any modification of the contour of the foreshore caused during any authorised construction or maintenance activity, other than dredging or reclamation, shall be restored as soon as practicable after the completion of the construction or maintenance activity.

(f) Unless expressly authorised to do so by a coastal permit, structures within the coastal marine area shall not unduly impede safe navigation within natural drainage channels or unduly restrict the flow of flood waters within such channels.

(g) Design and Appearance of Buildings on Wharves for Opua

Height: 10 metres (above surface/deck of wharf).

Colour: Where building is to be painted, the colour should be sympathetic and appropriate to the landscape setting (both natural and built) that the building is to be located within. Large areas of reflective materials such as unpainted roofs and the use of iridescent or vivid colours is to be avoided. Some degree of harmony should be exercised in the selection of roof colours, with a preference for heritage colours.

~~SCHEDULE 4~~ (see CON20110545411(11,13-16 & 41))

~~LIST OF PLANS RELATING TO RESTRICTED COASTAL ACTIVITIES~~

~~Figure No.~~	~~Applicant's Figure Title/ General Content of Plan~~	~~Applicant's Plan Title or Other Identifier (if any)~~
~~1~~	~~Master Plan (Rev A)~~	
~~2~~	~~Landscape Masterplan (Rev A)~~	
~~3~~	~~Landscape Plan of Proposed Reclamation~~	
~~5~~	~~Draft Paihia Waterfront Plan~~	
~~12~~	~~Plan of Existing Wharf Facilities~~	~~Butt Design Group, Job No. 2056 Sheet 1_001~~
	~~General Layout of Development~~	~~Far North Holdings Limited, Project No; PAWF-00, Sheet 00, Rev. A, 6/10/09~~
	~~Northern Breakwater~~	~~Far North Holdings Limited, Plan and Long Section, Project No; PAWF-00, Sheet 100, Rev. B, 24/12/09~~
	~~Western Breakwater~~	~~Far North Holdings Limited, Plan and Long Section, Project No; PAWF-00, Sheet 102, Rev. A, 31/08/09~~
	~~Eastern Beach Abutment and Renourished Beach (Rev A)~~	~~Bellingham Marine, Eastern Beach Abutment and Renourished Beach, PWD 1-06, Rev 6, August 09. (Rev A)~~
	~~Plan of Proposed Dredging Area~~	~~Richardson Stevens Consultants Ltd, Channel layout, Mooring and Sample Plan, Project 2534, Plan No. 12B, Dated 09/07/08.~~
~~18~~	~~Cross and Long Sections of Proposed Navigation Channel~~	~~Richardson Stevens, Dredging Cross-sections, Project 2534, Sheet 2A, March 2006~~
~~19~~	~~Plan of Wharf Area Dredging and New Structures~~	~~Richardson Stevens, Wharf Layout, Project 2534, Sheet 8B, March 2006~~
	~~Plan of Proposed Reclamation~~	~~Richardson Stevens, Reclamation Plan, Project 2534, Sheet 5D, March 2006,~~
	~~Western Beach Abutment~~	~~Bellingham Marine, Western Beach Abutment, PWD1-04, Rev 6, Dec 09.~~
~~46~~	~~Plan of Management Area Boundaries and Proposed Facilities~~	~~Butt Design Group, Job No. 2056, Sheet 1_002~~
~~47~~	~~Plan of Management Area Boundaries Around South-eastern Pier~~	~~Butt Design Group, Job No. 2056, Sheet 1_003~~
	~~Paihia Waterfront Development Esplanade Area and Public Open Space Plan~~	~~Andrew Stewart Limited, Project AA0330 Plan PWD-1 Revision A, dated 20.8.09~~

~~Note: (Rev A) indicates that the plan has been amended by the Section 127 application of 24 February 2011 to the extent shown on the following eight plans;~~

- ~~Far North Holdings Limited, Job Title: Paihia Eastern Abutment, Project No. 1030, Sheet Numbers 01 – 08, Rev 1.0, Dated 17/02/11."~~

SCHEDULE 5
LIST OF PLANS RELATING TO RESOURCE CONSENTS ADMINISTERED BY NORTHLAND REGIONAL COUNCIL

Figure No.	Applicant's Figure Title/ General Content of Plan	Applicant's Plan Title or Other Identifier (if any)
1	Master Plan(Rev A)	
2	Landscape Masterplan (Rev A)	
3	Landscape Plan of Proposed Reclamation	
4	Landscape Plan of Wharf Entry and Beach Area (Rev A)	
	Draft Paihia Waterfront Plan	
12	Plan of Existing Wharf Facilities	Butt Design Group, Job No. 2056 Sheet 1_001
	General Layout of Development	Far North Holdings Limited, Project No; PAWF-00, Sheet 00, Rev. A, 6/10/09
	Eastern Beach Abutment and Renourished Beach (Rev A)	Bellingham Marine, Eastern Beach Abutment and Renourished Beach, PWD 1-06, Rev 6, August 09. (Rev A)
	Plan of Proposed Dredging Area	Richardson Stevens Consultants Ltd, Channel layout, Mooring and Sample Plan, Project 2534, Plan No. 12B, Dated 09/07/08
18	Cross and Long Sections of Proposed Navigation Channel	Richardson Stevens, Dredging Cross-sections, Project 2534, Sheet 2A, March 2006
19	Plan of Wharf Area Dredging and New Structures	Richardson Stevens, Wharf Layout, Project 2534, Sheet 8B, March 2006
	Plan of Proposed Reclamation	Richardson Stevens, Reclamation Plan, Project 2534, Sheet 5D, March 2006,
21	Plan of Proposed Northern Deck and Finger Piles	Richardson Stevens, Deck Elevation and Sections, Project 2534, Sheet 4d, March 2006
	Plan of Redeveloped Wharf Area	Bellingham Marine, Redeveloped Wharf Area, PWD 1-02, Rev 5, July 08
23	Cross Section Plan of Proposed Finger Piers and Eastern Attenuator	Bellingham Marine, Typical Details of Southeast Pier and Commercial Berths
24	Plan of Proposed Mediterranean Moorings	Travel and Moore/Ade Consultants, Chain Moorings System, May '02.
25	Plan of Proposed Fuel Berth	Bellingham Marine, Typical Details of Fuel Berth and Berth Adjacent to Wharf, PWD 2-02, April 05
28	Plan of Proposed Western Deck and Boardwalk	Richardson Stevens, Decking at Aquarium and Timber Board Layout, Project 2534, Sheet 6C, March 2006
29	Plan of Proposed Helipad	Richardson Stevens, Helicopter Pad Details Southern Deck and Cribwalls, Project 2534, Sheet 3d, March 2006
30	Plan of Proposed Helicopter Flight Paths	Northern Civil, Helicopter Flight Lines Plan, Job 1142, Sheet 1, Jan 2005
39	Plan of Proposed Finger Pier Services	Richardson Stevens, Services Layout, Project 2534, Sheet 7, March 2006
40	Plan of Stormwater Layout	Richardson Stevens, Stormwater Layout, Project 2534, Sheet 9C, March 2006
46	Plan of Management Area Boundaries and Proposed Facilities	Butt Design Group, Job No. 2056, Sheet 1_002
47	Plan of Management Area Boundaries Around South-eastern Pier	Butt Design Group, Job No. 2056, Sheet 1_003
59	Plan of Existing Moorings	Richardson Stevens, Mooring Layout, Project 2534, Sheet 12, March 2006
60	Plan of Casual Berthing Areas	Bellingham Marine, Redeveloped Wharf Area, PWD 1-02, Rev 3, Dec 05.
	Occupation Area	Northland Regional Council Plan No. 4221A

Note: (Rev A) indicates that the plan has been amended by the Section 127 application of 24 February 2011 to the extent shown on the following eight plans;

- Far North Holdings Limited, Job Title: Paihia Eastern Abutment, Project No. 1030, Sheet Numbers 01 – 08, Rev 1.0, Dated 17/02/11."

ADDITIONAL LIST OF PLANS RESULTING FROM THE TRANSFER TO PAIHIA MARITIME PROPERTIES LIMITED (August 2011)

Figure No.	Applicant's Figure Title/ General Content of Plan	Applicant's Plan Title or Other Identifier (if any)
	Overall View of Occupation Area to be Transferred	Far North Holdings Limited, Project No; 1030, Sheet 10, Rev. 1.1, 23/05/11.
	Capital Dredge Volume to be Transferred	Far North Holdings Limited, Project No; 1030, Sheet 11, Rev. 1.1, 23/05/11.

SCHEDULE 6

SIGNAGE

The sign shall include the following information:

(1) Information regarding emergency procedures. The emergency procedure information must detail how to respond to a product spillage, a fire or an equipment failure. In all cases the procedures for keeping people safe, stopping the refuelling operation and minimising pollution of the marine environment is to be clearly displayed.

(2) The location and access details for spill response equipment held on site, such as sorbent materials.

(3) Emergency response organisation contact details for the following organisations:

- The refuelling site operator's 24 hour contact number;
- The Northland Regional Council's environmental hotline number 0800 504 639;
- The Rescue Co-ordination Centre of New Zealand (Maritime New Zealand contact) 0508 472 269; and
- The New Zealand Fire service 111.

(4) The delivery nozzle is to be attended at all times when being operated.

SCHEDULE 7

I BOND AGREEMENT PRINCIPLES

A USE OF REPLENISHMENT CAPITAL WORKS BOND

The use of this bond shall include the following:

(a) To provide a mechanism to have finance immediately available to the Northland Regional Council to mitigate or control the environmental consequences of the inability of the Consent Holder to complete the beach replenishment.

(b) To provide a mechanism immediately available to the Northland Regional Council to enable:

(i) restoration of Horotutu Beach to an appropriate form should the beach replenishment works not be completed; and /or

(ii) completion, or partial completion, of the beach replenishment works to an environmentally acceptable state; and

(c) To provide for the costs involved in the planning, management administration and monitoring of the measures described in (a) and (b) above.

B USE OF REPLENISHMENT MAINTENANCE WORKS BOND

The use of this bond shall include the following:

(a) To provide a mechanism to have finance immediately available to the Northland Regional Council to mitigate or control the environmental consequences of the inability of the Consent Holder to maintain the replenished beach, to the extent enabled by the value of the Bond; and

(b) To provide for the costs involved in the planning, management administration and monitoring of any measures described in (a) above.

II TERMS OF BANK BOND OR OTHER SECURITY

The terms of these bonds or securities shall include a provision that the bond or security is available to the Northland Regional Council on demand, without restraint of any kind, in the event of it being required. The bond or security shall take the form of a development, bank or insurance bond or a guarantee by a financial institution or other entity acceptable to the Northland Regional Council.

Each bond or security shall have a period sufficient to ensure that the funds are available for the purpose described above, until the time specified in the relevant condition of this consent, at which time any funds remaining will be reimbursed to the Consent Holder.

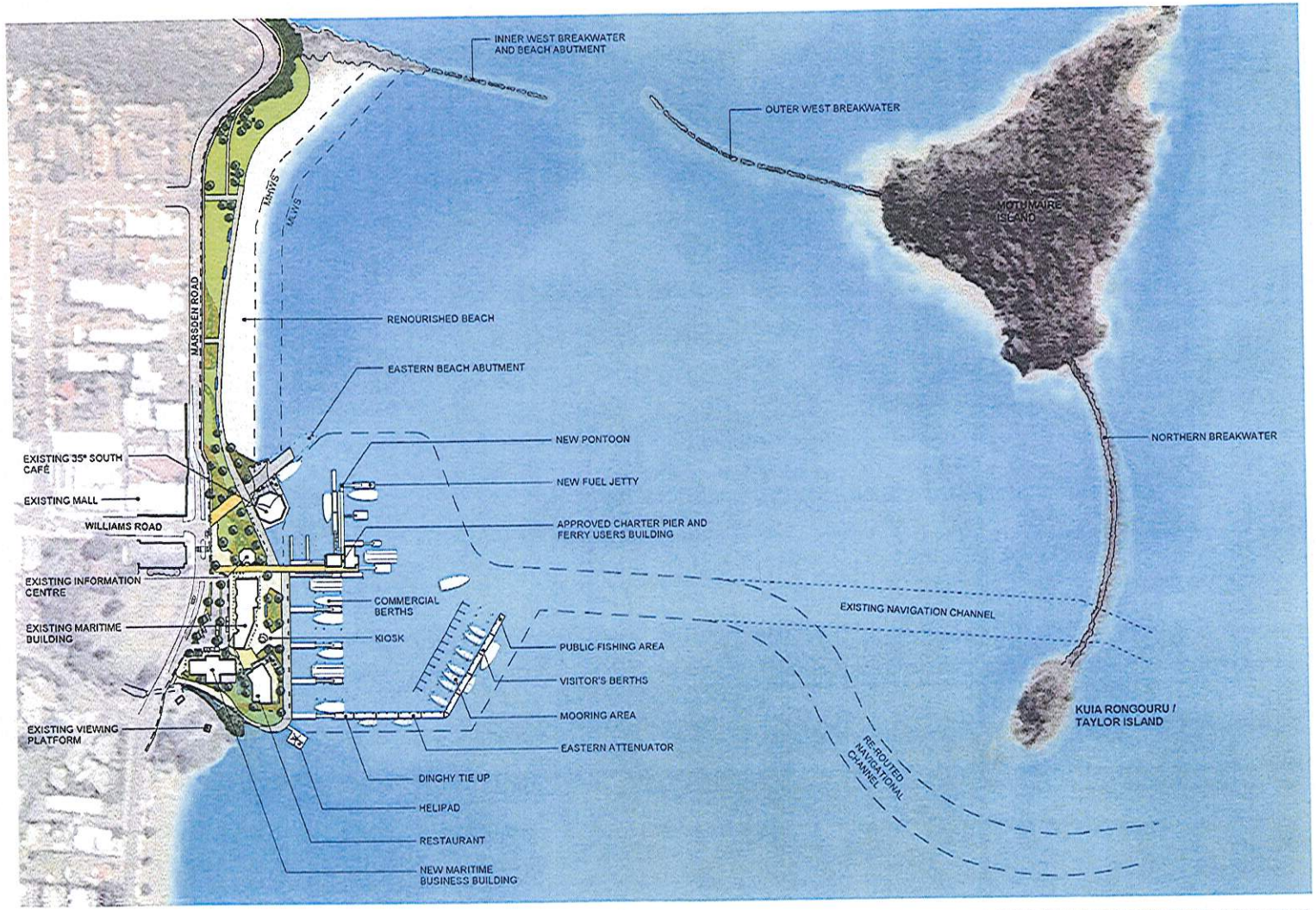
III PAYMENT OF NET INTEREST ON CASH BONDS TO CONSENT HOLDER AND DEFAULT

Net interest on any cash bond will be paid to the Consent Holder annually by 30 August for the previous year (July to June).

The net interest paid will be any residual interest following deduction of inflation (nominally set at 3%, but subject to revision in accordance with the assumptions in the Northland Regional Council's Long Term Council Community Plan [LTCCP] and Annual Plan) from the interest earned based on the bond fund for each Consent Holder at the average 90 day cash deposit rate over the financial year.

In the event that the gross interest in any year is less than the inflation rate used, then no payment will be made to the Consent Holder. All inflation amounts will be accrued into the bond amount held.

If the Consent Holder defaults on any payment required in respect of inflation related to the bond, then all subsequent payments of net interest will immediately cease until the default payment is rectified by the Consent Holder.



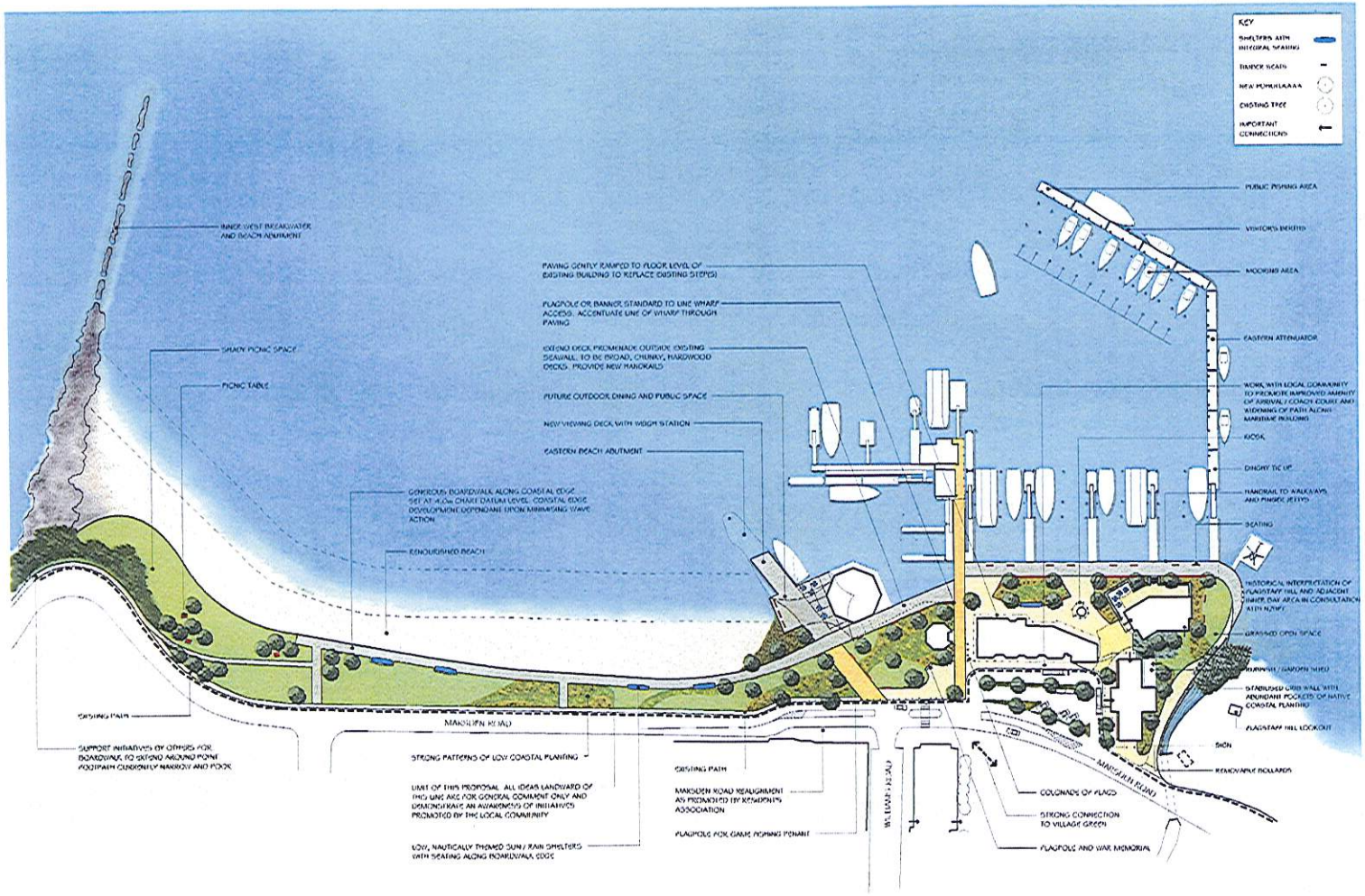
LITTORALIS
LANDSCAPE ARCHITECTURE

PAIHIA WATERFRONT DEVELOPMENT

FIGURE 1 - MASTER PLAN

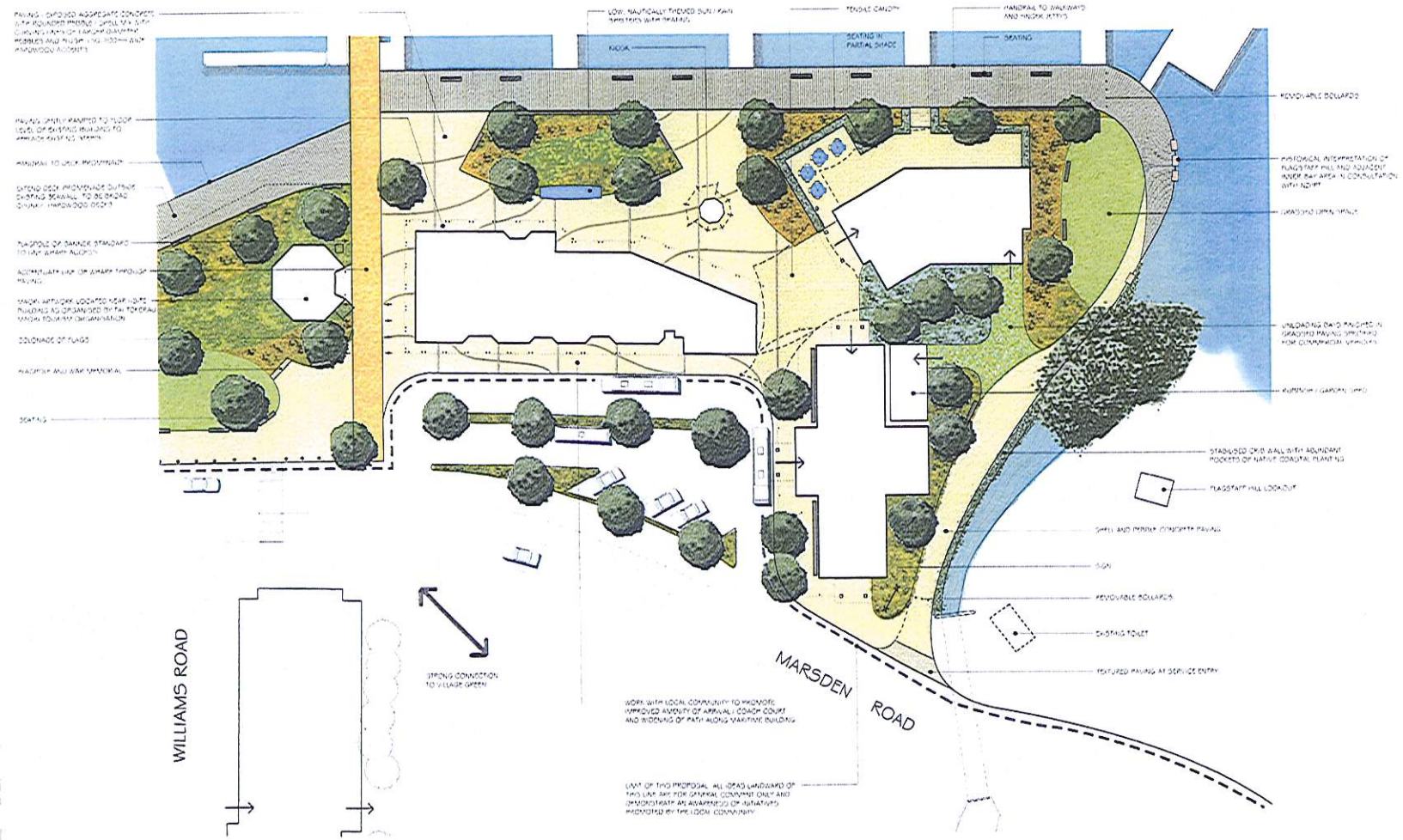
Prepared for Far North Holdings Ltd

Scale 1:2500 at A3, 1:1250 at A1 | May 2006 | Ref 360CP1



LITTORALIS

PAIHIA WATERFRONT DEVELOPMENT
Figure 2 - Landscape Masterplan
Prepared for Far North Holdings Ltd



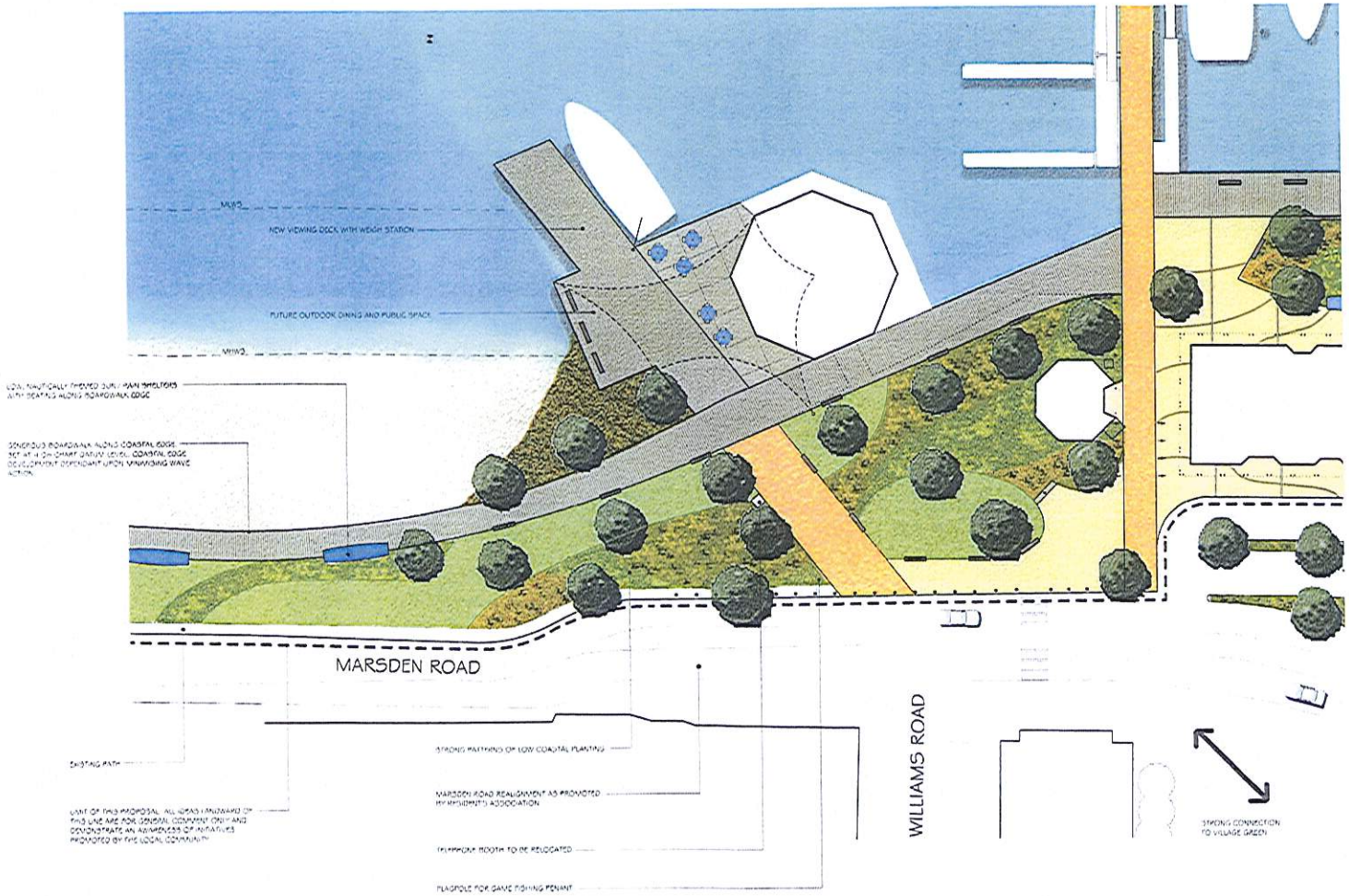
LITTORALIS

PAIHIA WATERFRONT DEVELOPMENT

Figure 3 - Landscape Plan of Proposed Reclamation

Prepared for Far North Holdings Ltd

May 2006



LITTORALIS
LANDSCAPE ARCHITECTURE

PAIHIA WATERFRONT DEVELOPMENT

Fig 4 - Landscape Plan of Wharf Entry and Beach Area

Prepared for Far North Holdings Ltd

Scale (A1) 1:250, (A3) 1:500
(Not to scale at A2)

May 2006

Ref: 3GDP2

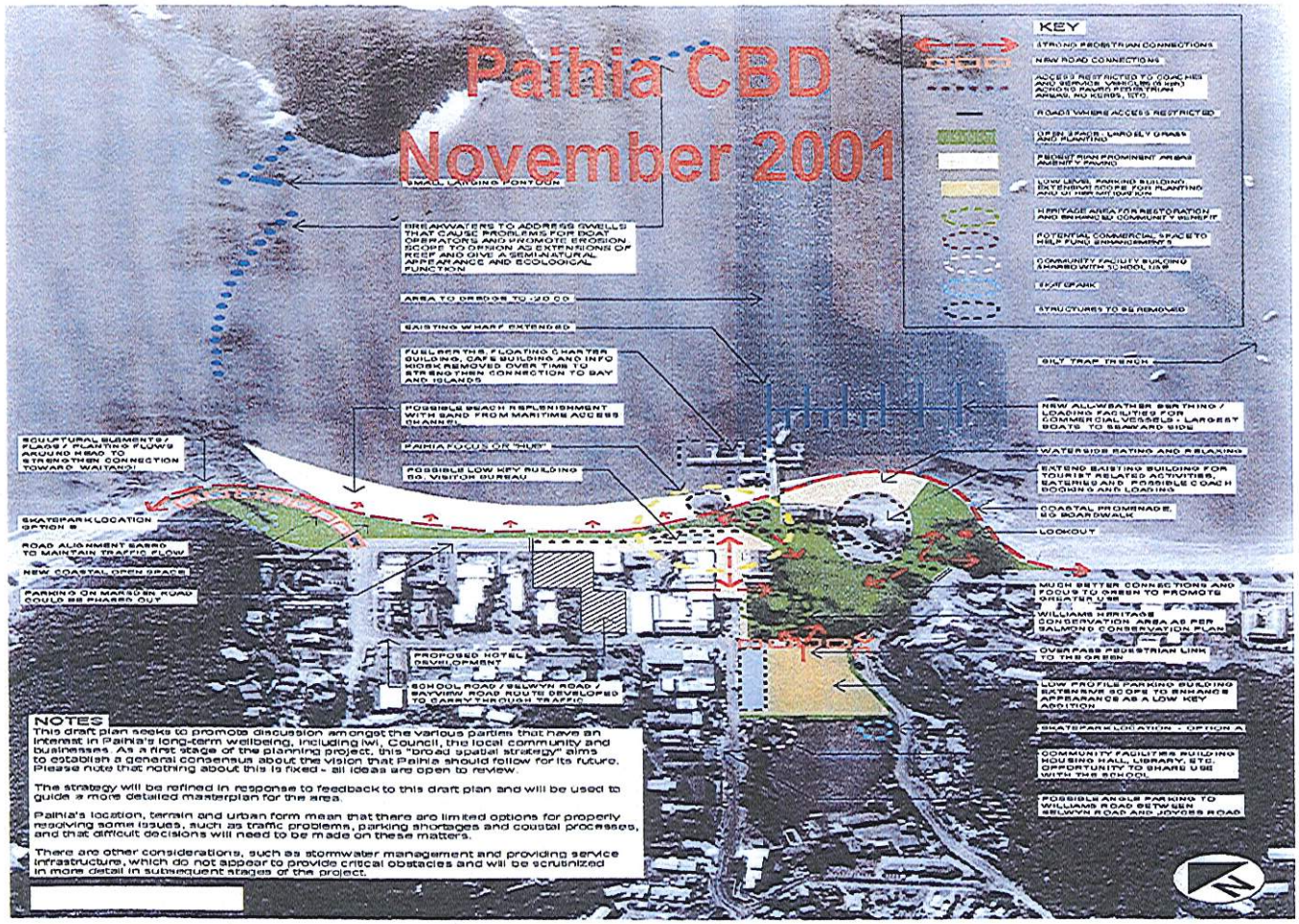


Figure 5: Draft Paihia Waterfront Plan

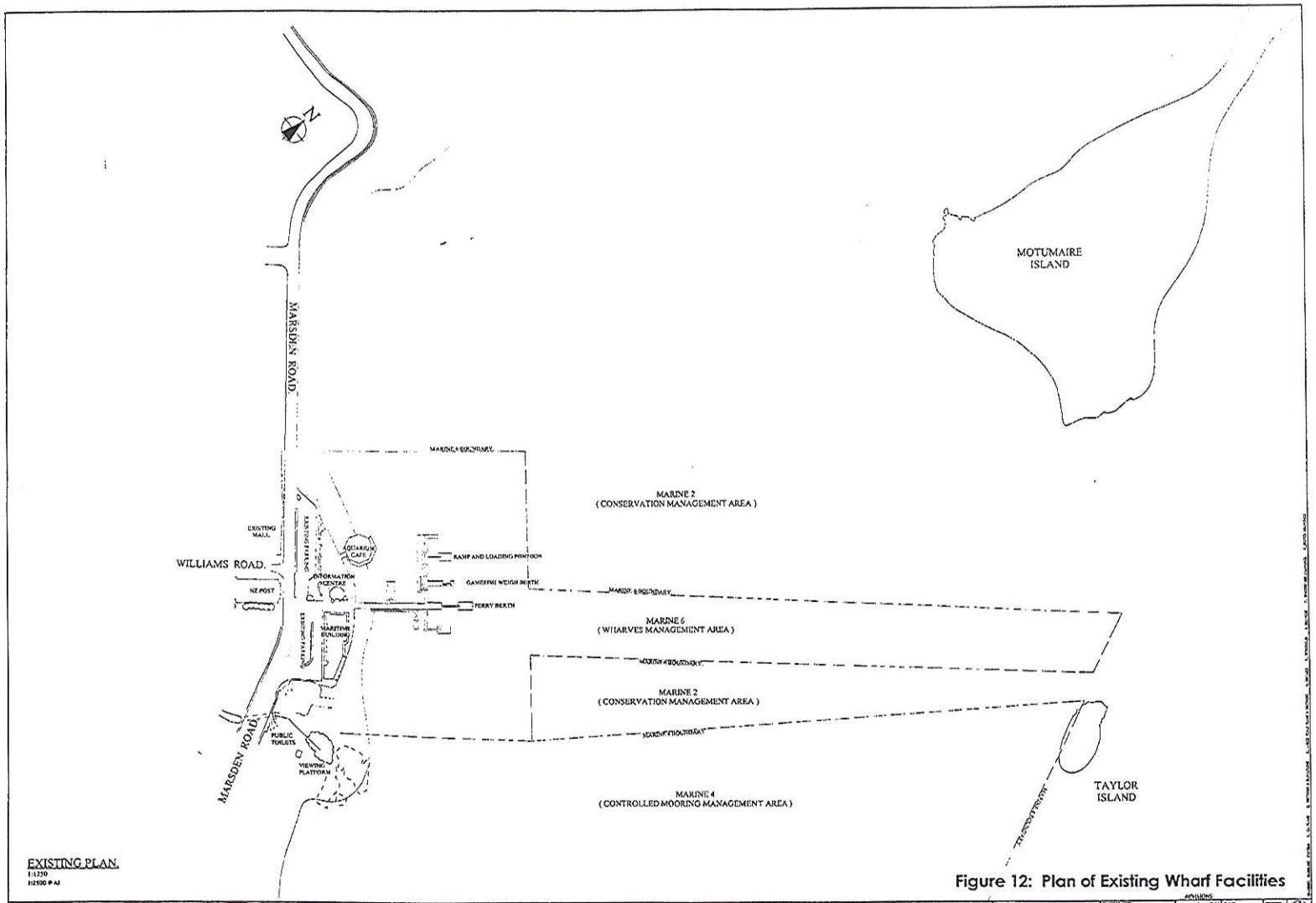


Figure 12: Plan of Existing Wharf Facilities

BUTT DESIGN GROUP
ARCHITECTURAL DESIGNERS
11 Norfolk Street Whangarei. Ph 4369343, Fax 4367411

Far North Holdings Ltd

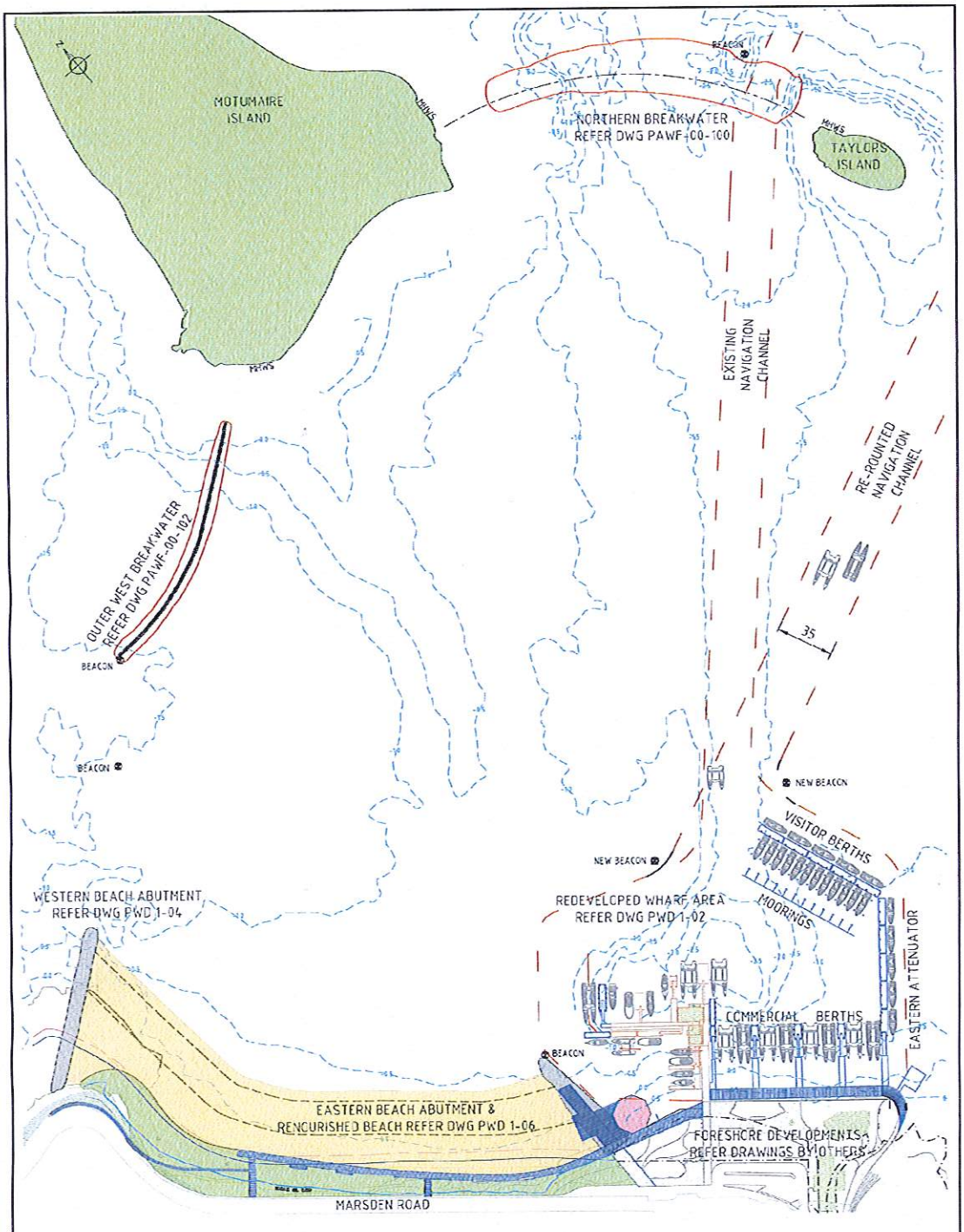
Paihia Waterfront Development

Resource Consent

2056 | 1_001

This Drawing and the design it covers are the property of Butt Design Ltd.

Figured dimensions in preference to scaling. Check dimensions on site before fabrication



A	ISSUED FOR DISCUSSION	6/10/09
No	Revision Details	Date

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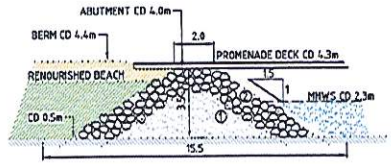
Design: VARIOUS
Drawn: VARIOUS
Checked: CNJ
Date: 6/10/09
Scale: 1:2000 @ A3
CAD Filename: PAWF-00-100.DWG

Job Title:
PAIHIA WATERFRONT DEVELOPMENT GENERAL LAYOUT

For North Holdings Limited
Opua Marine Park
P.O. Box 7
Opua 0241
Bay Of Islands, New Zealand
Ph. (09) 402 5659
Email: eng@northholdings

Drawing Title:
PLAN

Project No.	Rev.	Sheet No.
PAWF-00	A	00



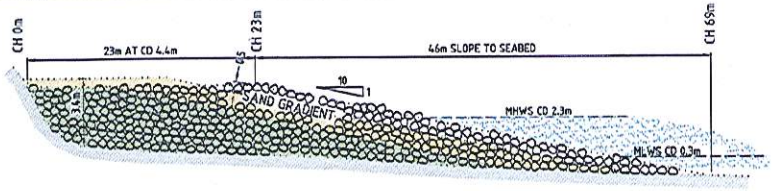
EASTERN BEACH ABUTMENT TYPICAL SECTION

SCALE 1:200

MATERIAL LIST

(1) CORE - d_{85} =200mm (10kg)
d_{50} =100mm (2kg)

(2) ARMOUR - W_{50} =850kg
W_{max} =550kg
W_{min} =400kg



EASTERN ABUTMENT ELEVATION

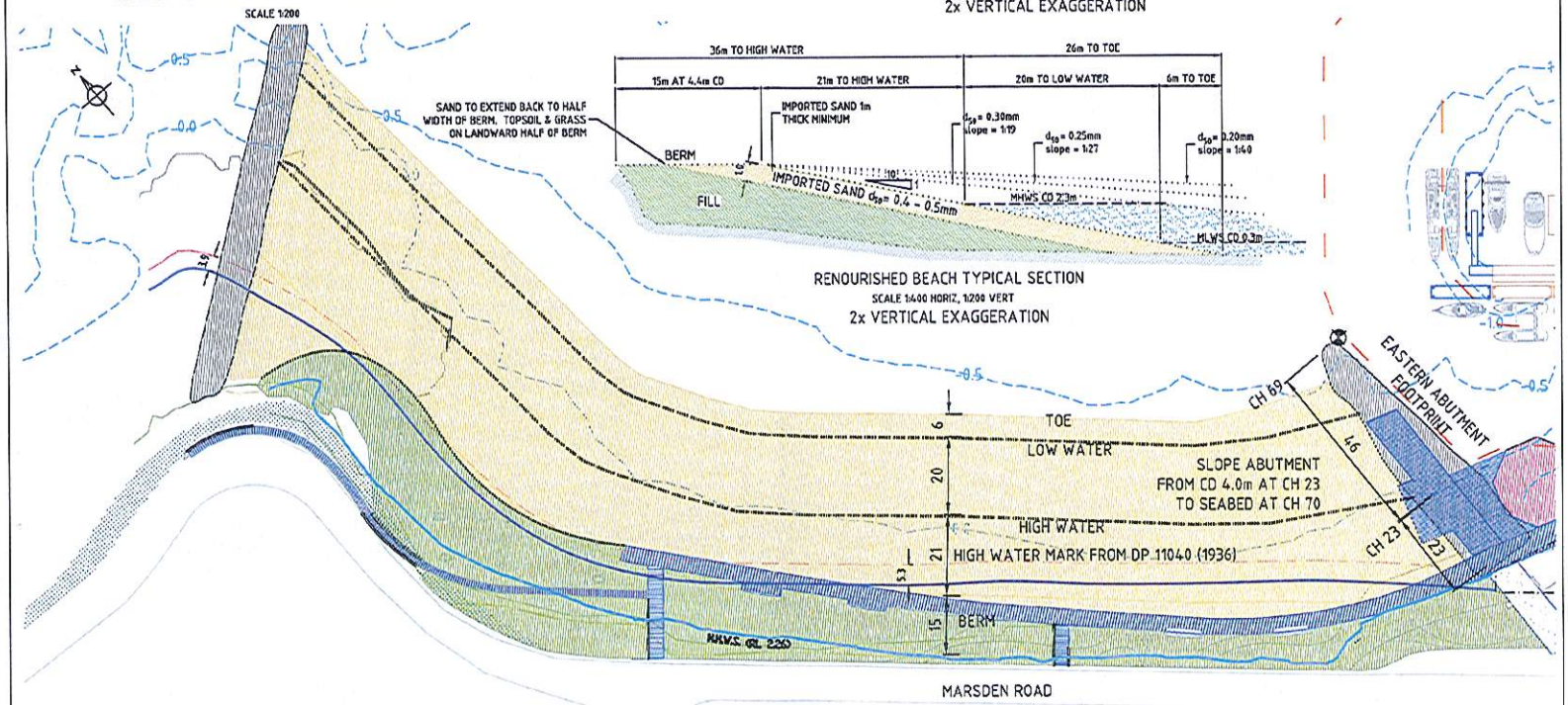
SCALE 1:400 HORIZ, 1:200 VERT

2x VERTICAL EXAGGERATION

RENOURISHED BEACH TYPICAL SECTION

SCALE 1:400 HORIZ, 1:200 VERT

2x VERTICAL EXAGGERATION



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REV.	DATE	DESCRIPTION
1	Apr. 05	FIRST ISSUE
2	Aug. 05	GENERAL UPDATE
3	Dec. 05	BEACH & ABUTMENT SEPERATED FROM DWG 1-02
4	Apr. 06	GENERAL UPDATE
5	Jul. 06	BEACH SECTION IMPORTED SAND 1m THICK
6	Aug 08	MHWS LINE ADDED FROM WILLIAMS & KING PLAN

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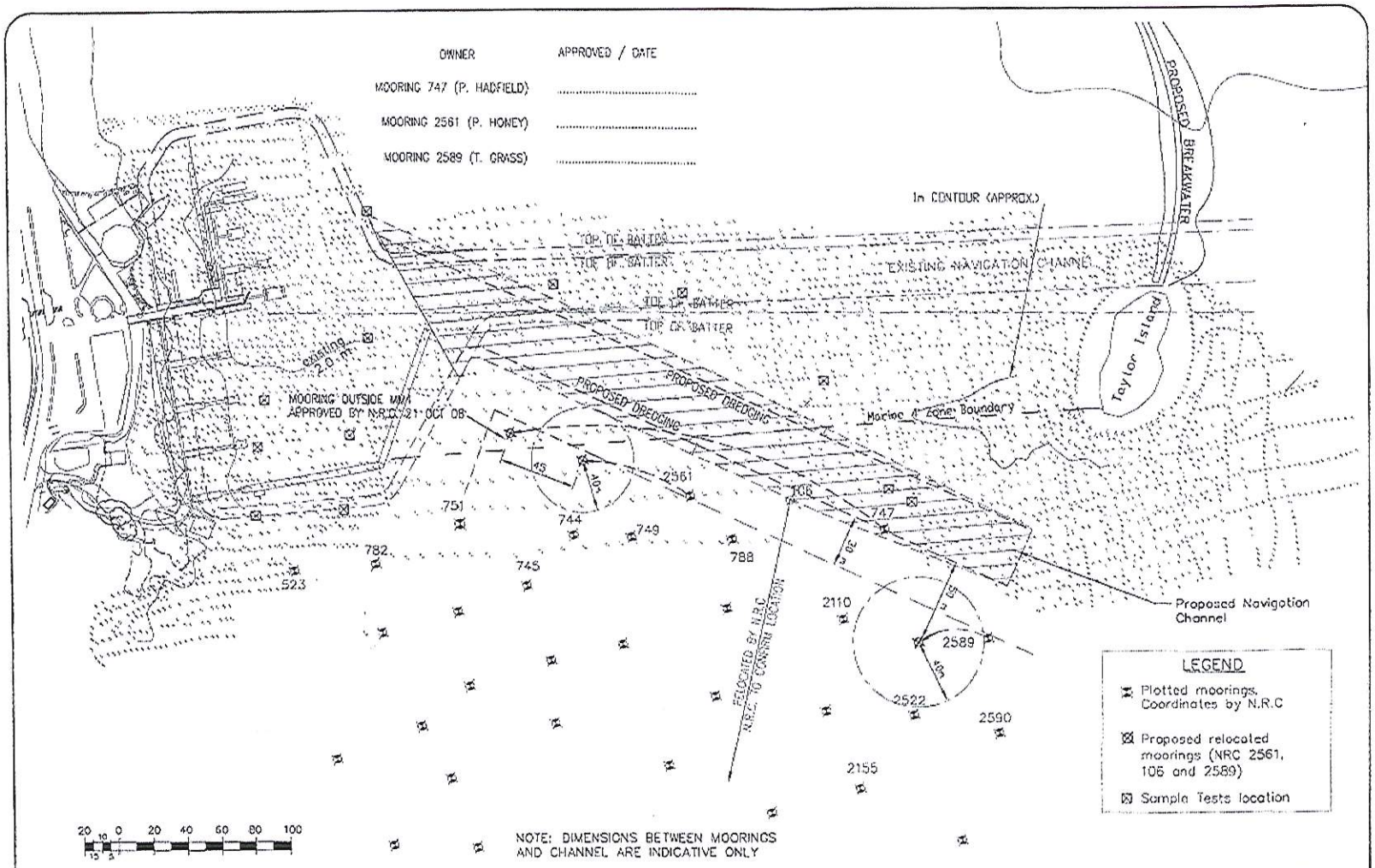
CLIENT: FAR NORTH HOLDINGS LTD

PROJECT: PAIHIA WATERFRONT DEVELOPMENT

TITLE: EASTERN BEACH ABUTMENT & RENOURISHED BEACH

Date: Jul. 08
Drawing: PWD 1-06
Revision No : 6
Scale: 1:1000 @A3
Drawn by: PC
App'd by:



Channel layout, Mooring and Sample Plan

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Ph. (09)4383273. Fax. (09) 4385734.
engineers@richardsonstevens.co.nz
Richardson Stevens Consultants (1996) Ltd CIVIL & STRUCTURAL ENGINEERS

PAIHIA DEVELOPMENT

Channel Layout

Date	AMENDMENTS
07/08	Alternative Channel Layout
07/08	MMA Zone Added
10/08	MMA Zone Deleted/ mooring

Project: 2534
Drawn: NEGW
Date: 09/07/08
Scale: 1:2000 @ A3

Sheet 12B

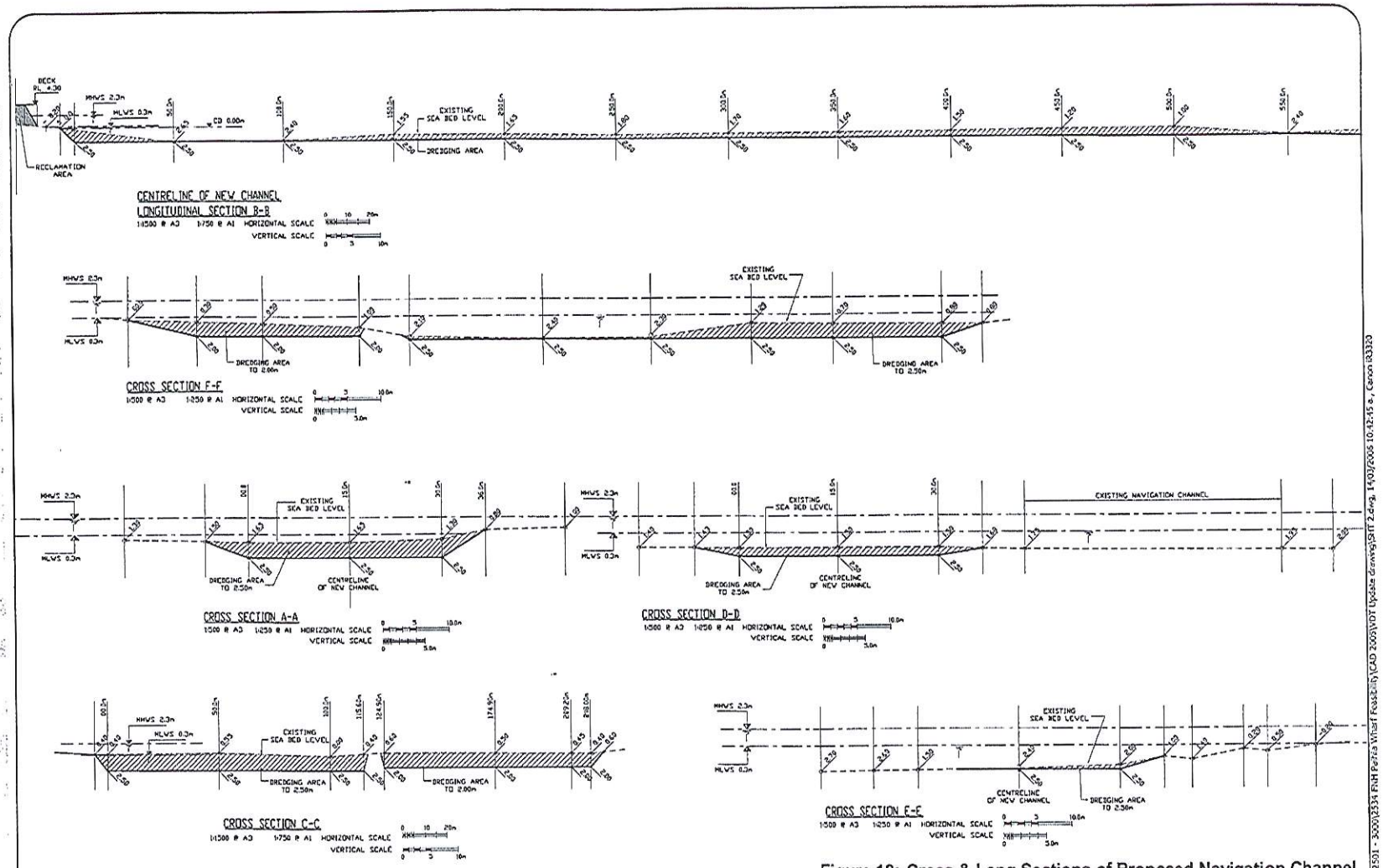

Figure 18: Cross & Long Sections of Proposed Navigation Channel

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PAIHIA DEVELOPMENT

DREDGING CROSS- SECTIONS		Checked: GS	Project: 2534
Date:	AMENDMENTS	Drawn: VDT	Sheet 2 A
23-06-05	As shown	Date: MARCH 2006	
		Scale: AS SHOWN	

\\TLA\jobs\jobs\2501 - 3000\2534 PiM Paihia Wharf Feasibility\CAD 2005\VDT Update drawing\Stff 2.dwg, 14/03/2006 10:12:15 a., Canon iR3320

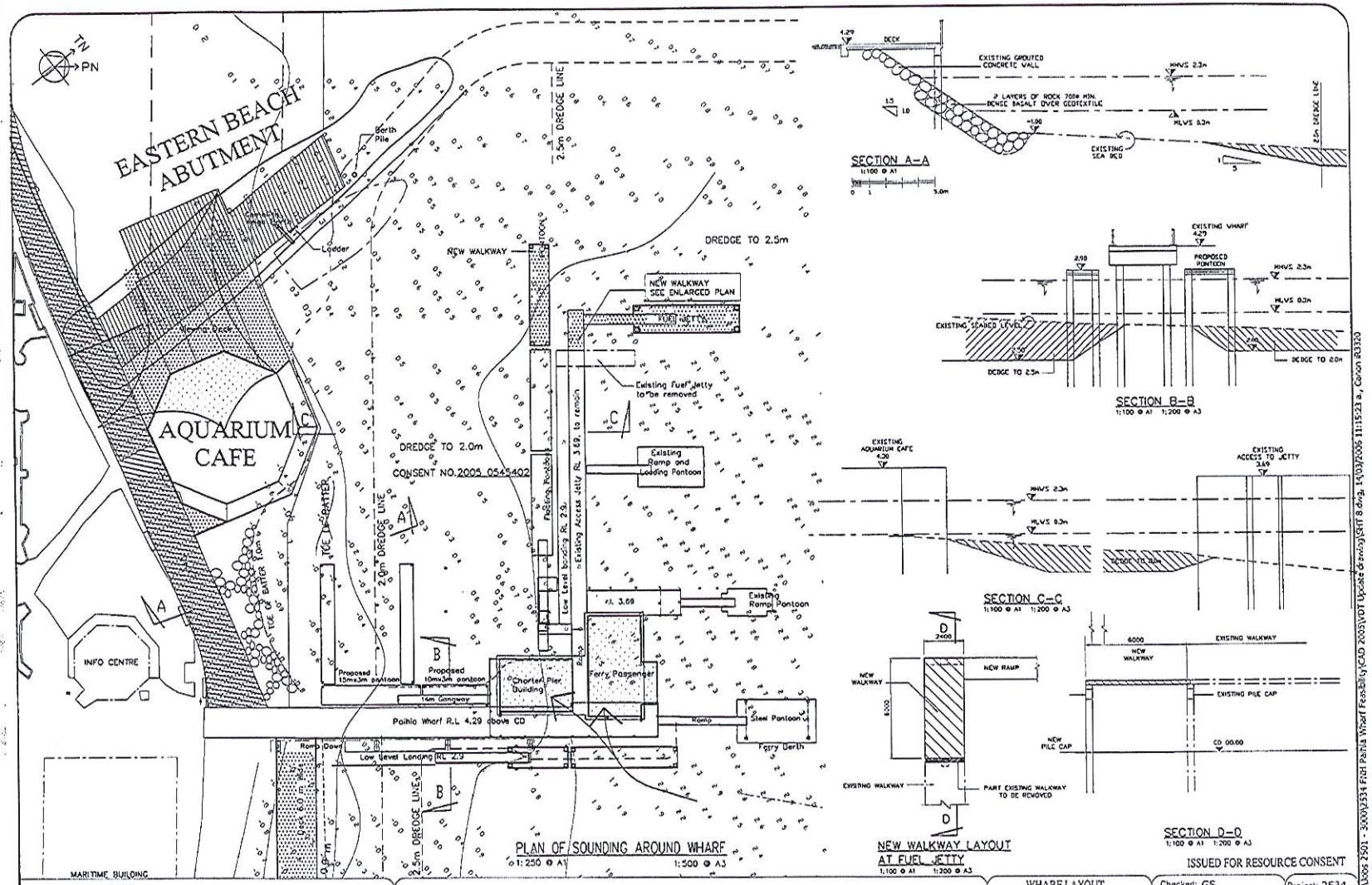
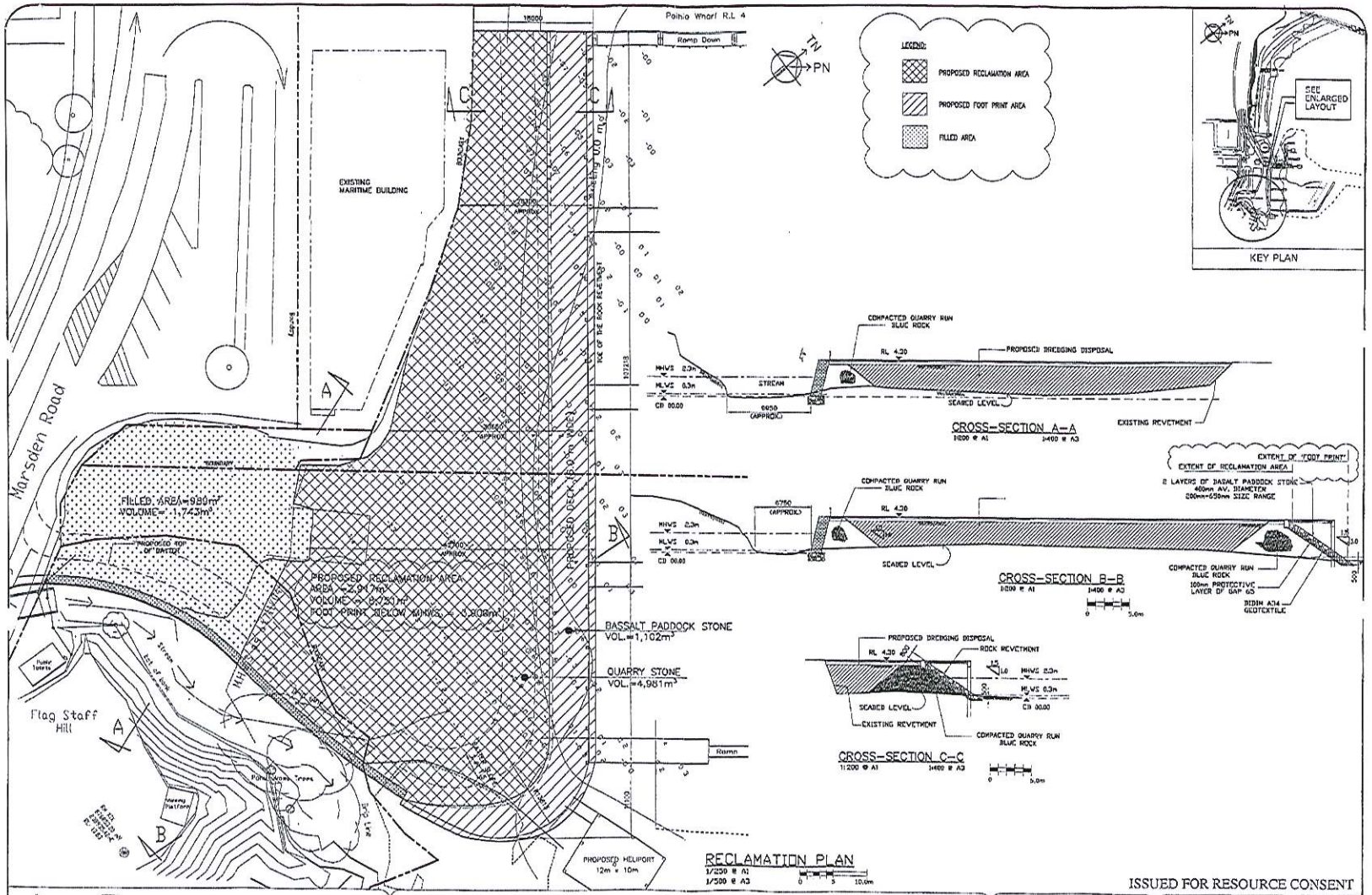


Figure 19: Plan of Wharf Area Dredging & New Structures



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PAIHIA DEVELOPMENT

RECLAMATION PLAN		Checked: GS	Project: 2534
Date:	AMENDMENTS	Drawn: VDT	Sheet 5
23-08-06	dimensions added	Date: MARCH 2006	
29-11-06	As shown	Scale: AS SHOWN	
7-09-08	RECLAMATION/FOOT PRINT AREA		

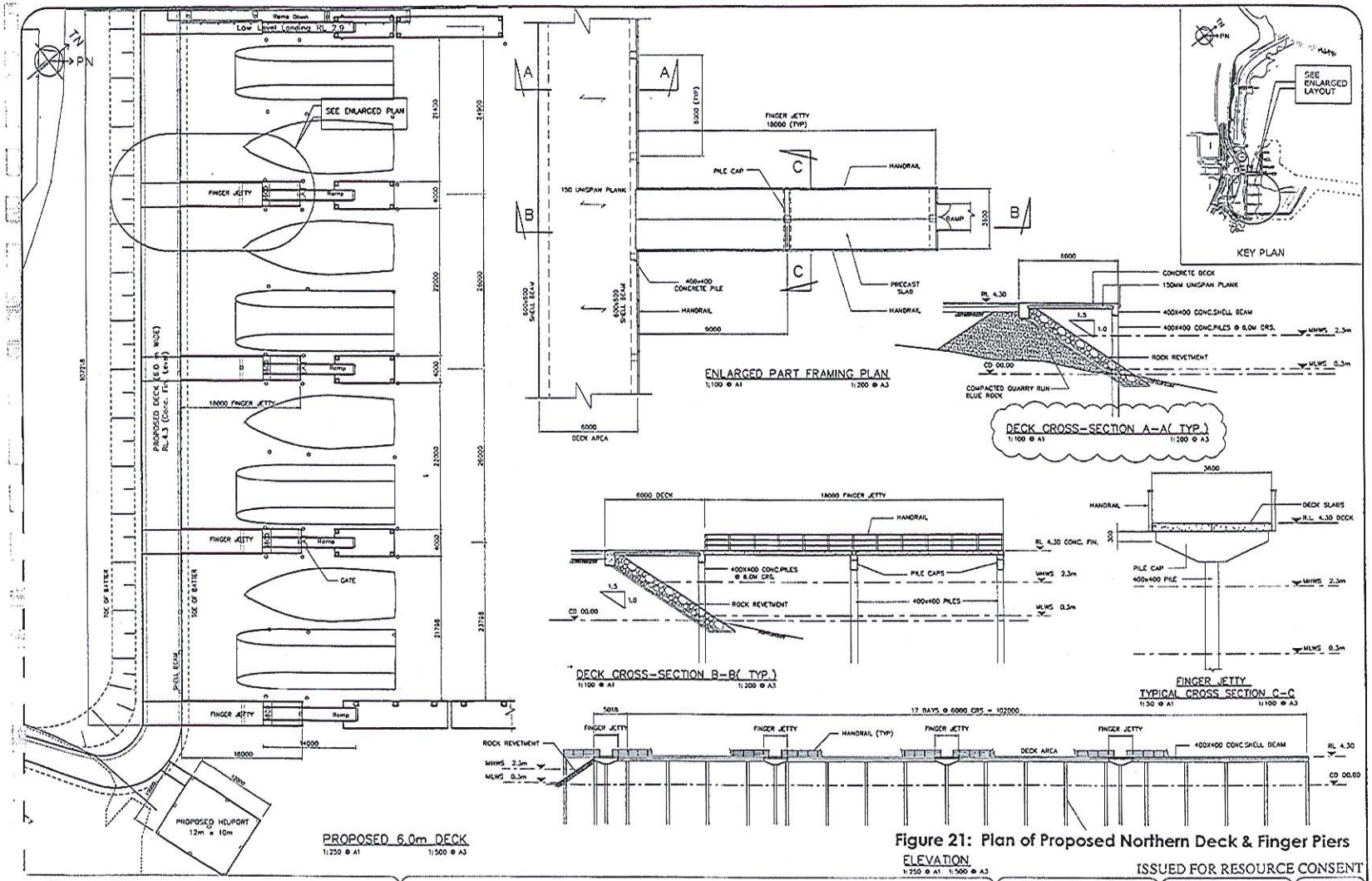

Figure 21: Plan of Proposed Northern Deck & Finger Piers

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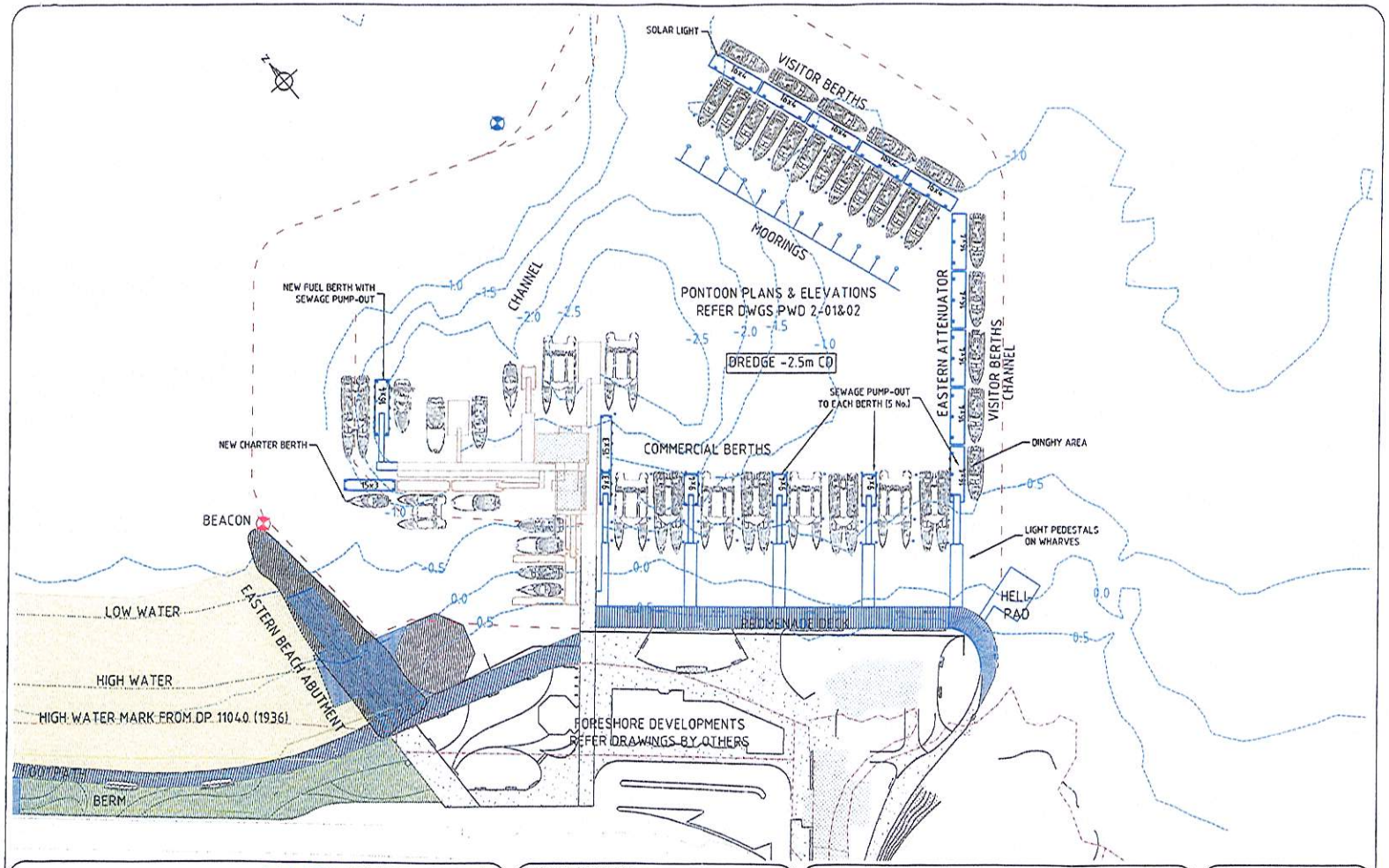
PAIHIA DEVELOPMENT

Deck Elevation & Sections		Checked: GS	Project: 2534
Date:	AMENDMENTS	Drawn: VDT	Sheet 4 d
06-04-05	FENCE/GATE ADDED	Date: MARCH 2006	
18-05-05	GATES RELOCATED	Scale: AS SHOWN	
01-06-05	One gate cancelled		
29-11-05	As shown		

\\Tue\Jobs\Files\Jobs 2501 - 3000\2534 Fish Paihia Wharf Feasibility\CAD 2006\Resource consent\SHT 4.dwg, 15/03/2006 11:46:13 a , Canon iR3320



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REV.	DATE	DESCRIPTION
1	Apr. 05	FIRST ISSUE
2	Aug. 05	GENERAL UPDATE
3	Dec. 05	BEACH & ABUTMENT ON NEW DWG 1-06
4	Apr. 06	GENERAL UPDATE
5	Jul. 08	GENERAL UPDATE

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CLIENT: FAR NORTH HOLDINGS LTD

PROJECT: PAIHIA WATERFRONT DEVELOPMENT

TITLE: REDEVELOPED WHARF AREA

Date: Jul. 08
Drawing: PWD 1-02
Revision No : 5
Scale: 1:1000 @A3
Drawn by: PC
App'd by:

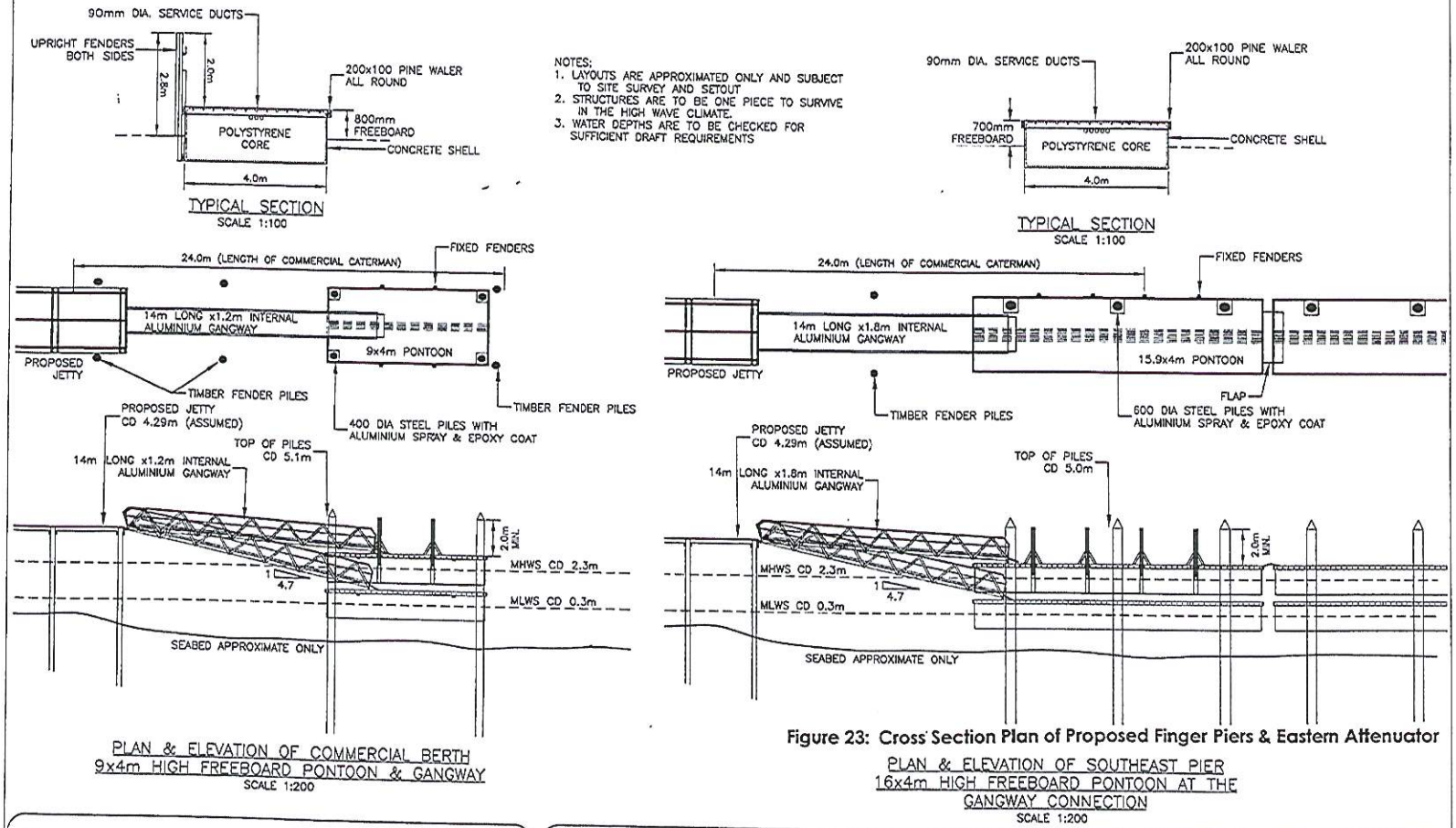

Figure 23: Cross Section Plan of Proposed Finger Piers & Eastern Attenuator

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REV.	DATE	DESCRIPTION
1	Apr. 05	FIRST ISSUE

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CLIENT: FAR NORTH HOLDINGS LTD

PROJECT: PAIHIA WATERFRONT DEVELOPMENT

TITLE: TYPICAL DETAILS OF SOUTHEAST PIER & COMMERCIAL BERTHS

Date: Apr. 05
Drawing: PWD 2-01
Revision No : 1
Scale: 1:200 @A3
Drawn by: JP
App'd by:

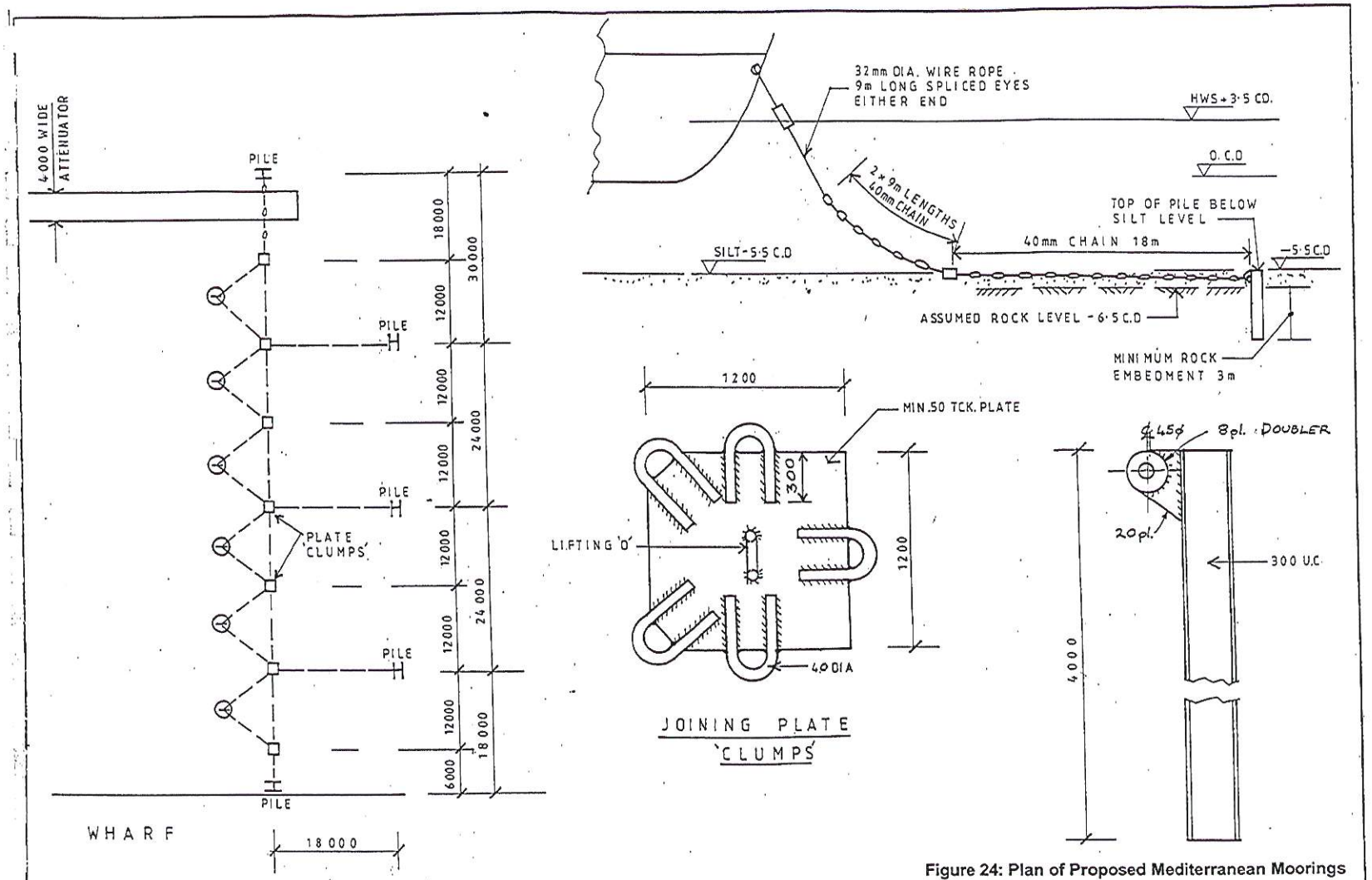
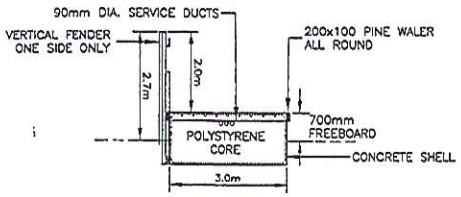


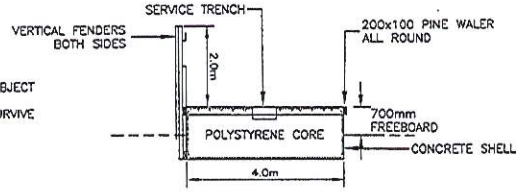
Figure 24: Plan of Proposed Mediterranean Moorings

TRAVEL & MORE	VIADUCT HARBOUR	CHAIN MOORINGS SYSTEM			SHEET
ADE CONSULTANTS	OUTER SUPERYACHT MOORINGS	DRAWN A.A	CHECKED	SCALE	SERIES OF
		TRACED J.D.	DATE MAY 102	1:500 1:2	REF

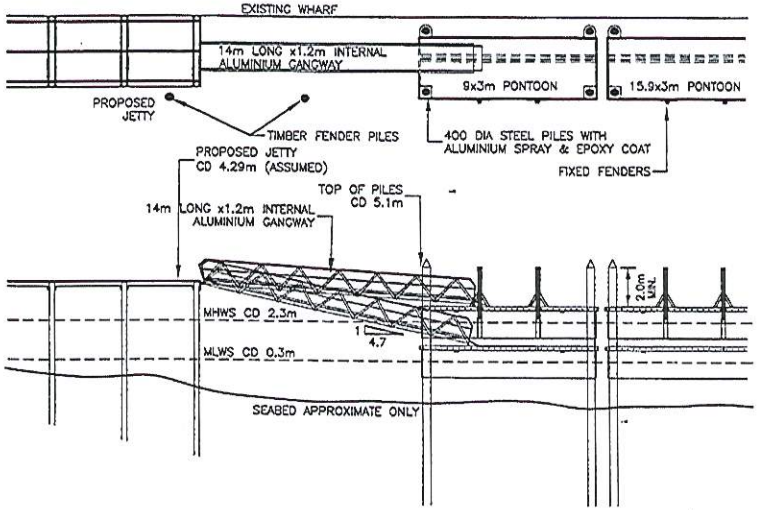


TYPICAL SECTION
SCALE 1:100

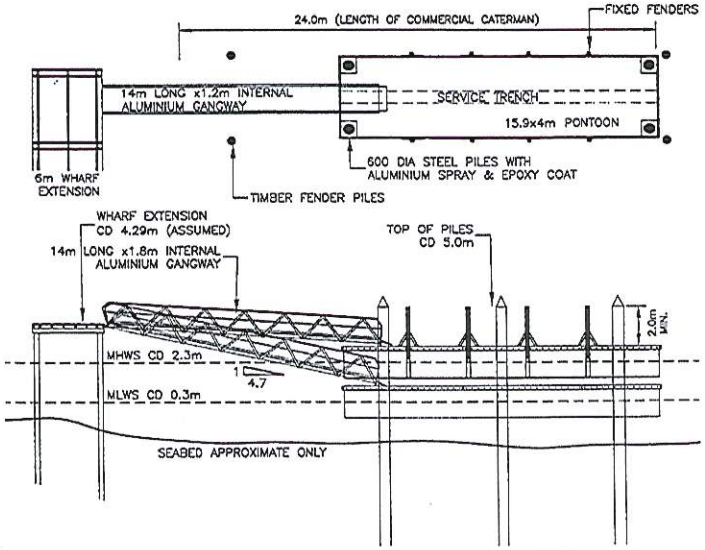
NOTES:
1. LAYOUTS ARE APPROXIMATED ONLY AND SUBJECT TO SITE SURVEY AND SETOUT
2. STRUCTURES ARE TO BE ONE PIECE TO SURVIVE IN THE HIGH WAVE CLIMATE.
3. WATER DEPTHS ARE TO BE CHECKED FOR SUFFICIENT DRAFT REQUIREMENTS



TYPICAL SECTION
SCALE 1:100



PLAN & ELEVATION OF COMMERCIAL BERTH
ADJACENT TO EXISTING WHARF
HIGH FREEBOARD PONTOONS & GANGWAY
SCALE 1:200



PLAN & ELEVATION OF FUEL BERTH
16x4m HIGH FREEBOARD PONTOON
SCALE 1:200

Figure 25: Plan of Proposed Fuel Berth

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REV.	DATE	DESCRIPTION
1	Apr. 05	FIRST ISSUE

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CLIENT: FAR NORTH HOLDINGS LTD
PROJECT: PAIHIA WATERFRONT DEVELOPMENT
TITLE: TYPICAL DETAILS OF FUEL BERTH & BERTH ADJACENT TO WHARF

Date: Apr. 05
Drawing: PWD 2-02
Revision No : 1
Scale: 1:200 @A3
Drawn by: JP
App'd by:

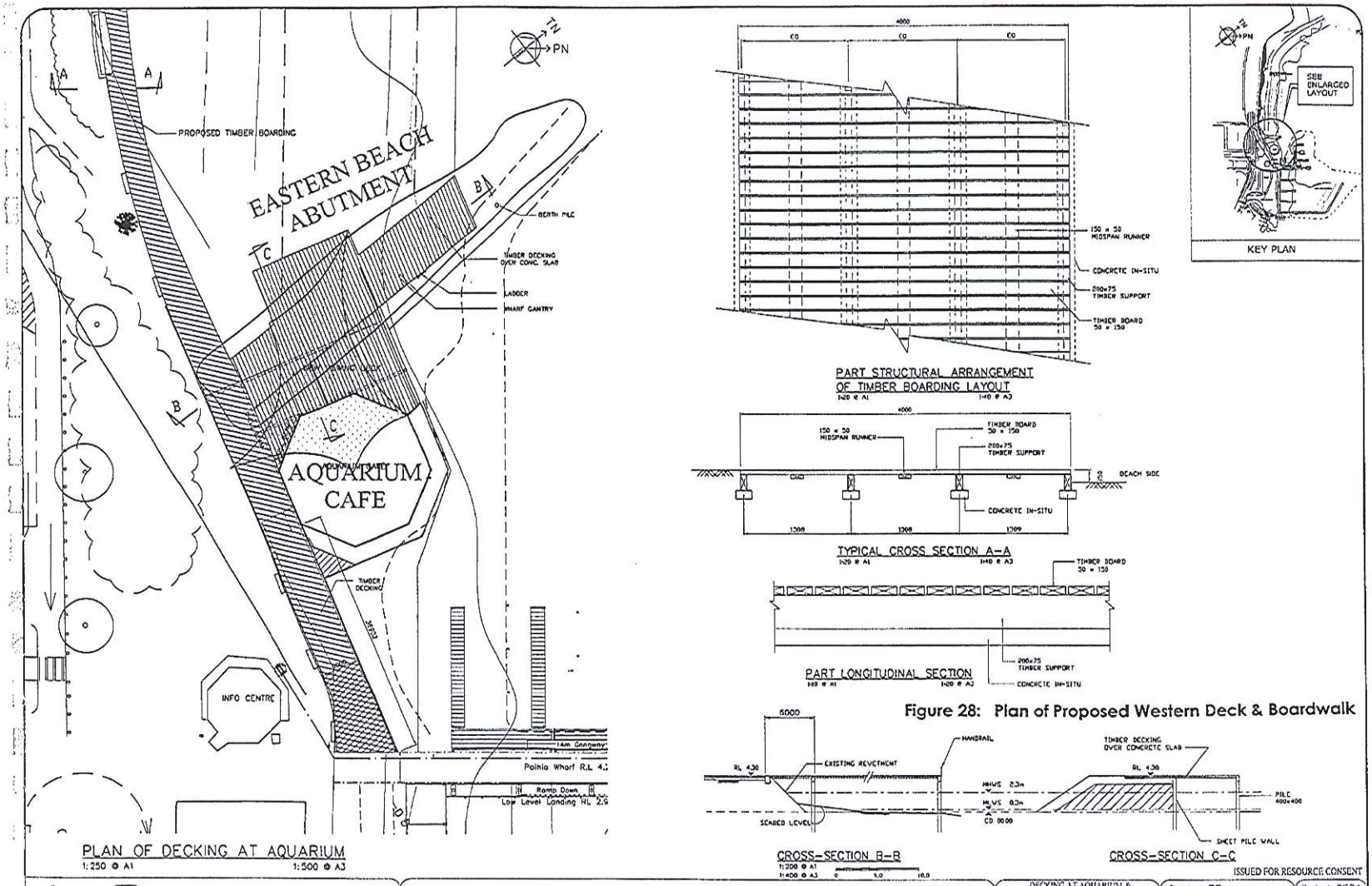

Figure 28: Plan of Proposed Western Deck & Boardwalk

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PAIHIA DEVELOPMENT

DECKING AT AQUARIUM & TIMBER BOARD LAYOUT

Date:	AMENDMENTS
06-04-05	VIEWING DECK EXTENSION
18-05-05	VIEWING DECK CHANGED
14-03-06	EASTERN ABUTMENT AMENDED

Checked: GS
Drawn: VDT
Date: MARCH 2006
Scale: AS SHOWN

Project: 2534
Sheet 6c

\\Tuakiosx\files\Jobs 2501 - 3000\2534 Paihia Wharf Feasibility\CAD 2005\VDT Update drawing\SHT 6_recover.dwg, 14/03/2006 11:01:23 a., Canon iR3320

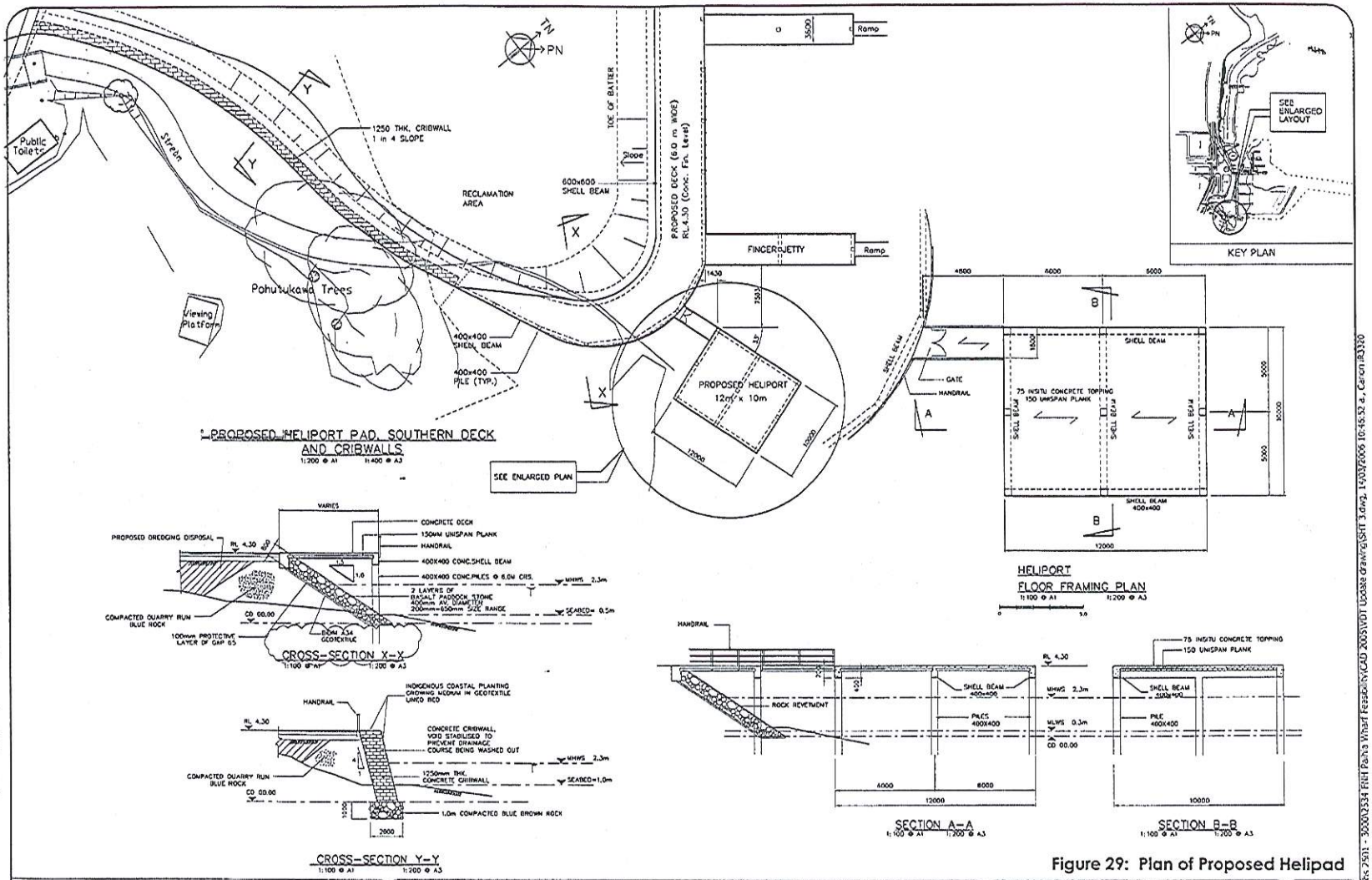

Figure 29: Plan of Proposed Helipad

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PAIHIA DEVELOPMENT

HELICOPTER PAD DETAILS
SOUTHERN DECKS CRIBWALLS

Date:	AMENDMENTS
06-04-05	FENCE/GATE ADDED
29-04-05	Fence deleted
18-05-05	CRIBWALL DETAIL CHANGED
28-11-05	As shown

Checked: GS
Drawn: VDT
Date: MARCH 2006
Scale: AS SHOWN

Project: 2534
Sheet 3 d

\\Tfnas\Jobs\Active\2501 - 3000\2534 Fitt Paihia Wharf Feasibility\CAD 2005\VDT Update drawings\SHT 3.dwg, 14/03/2006 10:45:32 a, Canon IR3320

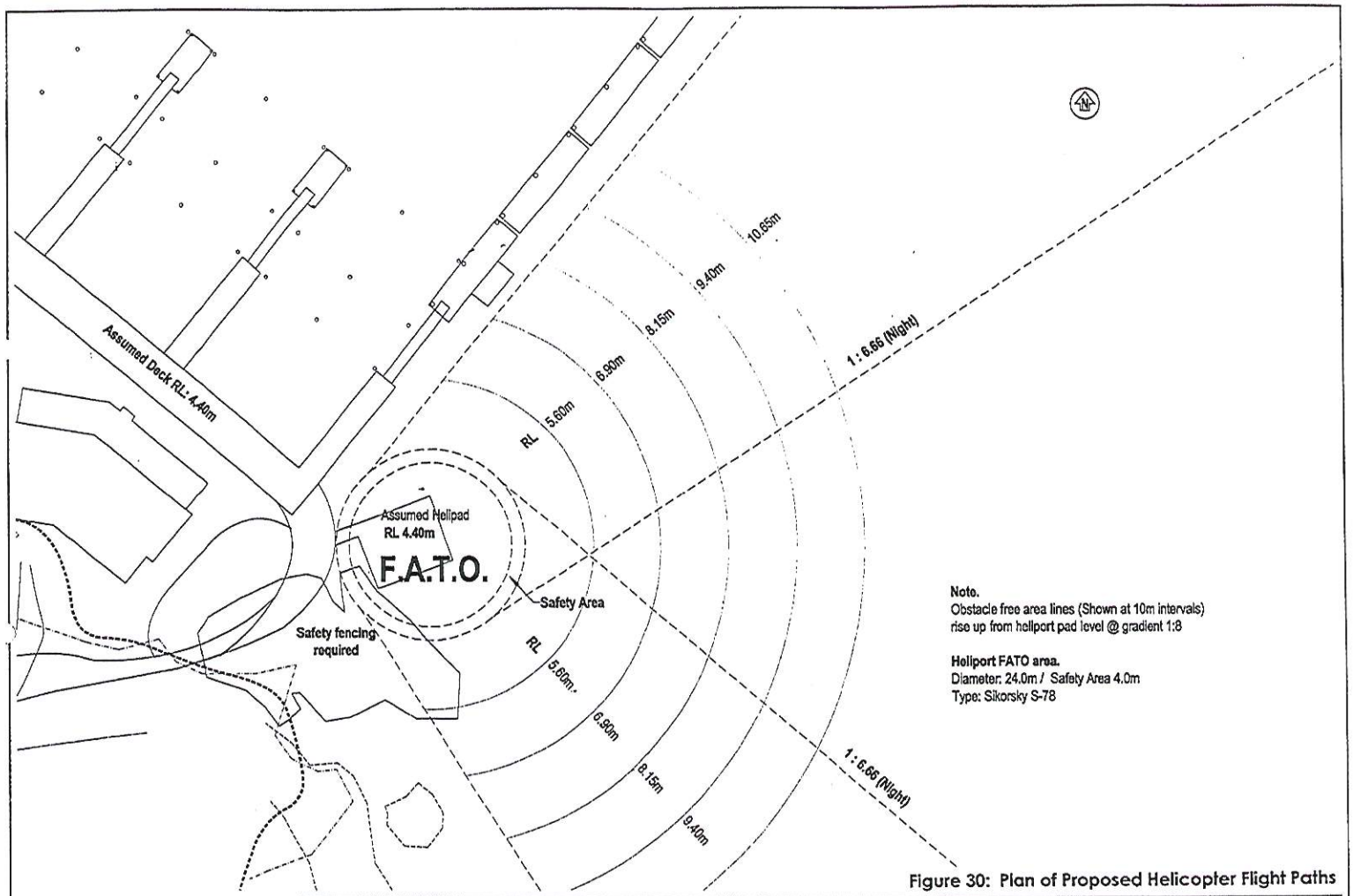

Figure 30: Plan of Proposed Helicopter Flight Paths

DRAWN: A.D.	DATE: 20/04/05	DRAWING STATUS - DRAFT		
CHECKED: C.H.	20/04/05	1. Helipad new position	24/03/05	
APPROVED:		2. Helipad access change	20/04/05	

Northern Civil Consulting Engineers Ltd

TITLE : Paihia Development
Far North Holdings Limited
Paihia - Far North District
HELIPORT FLIGHT LINES PLAN

SCALE : 1 : 500 ORIGINAL PAPER SIZE A3

JOB : 1142
CAD : Maritime Helipad
DATE: Jan 2005
SHEET NO : 1

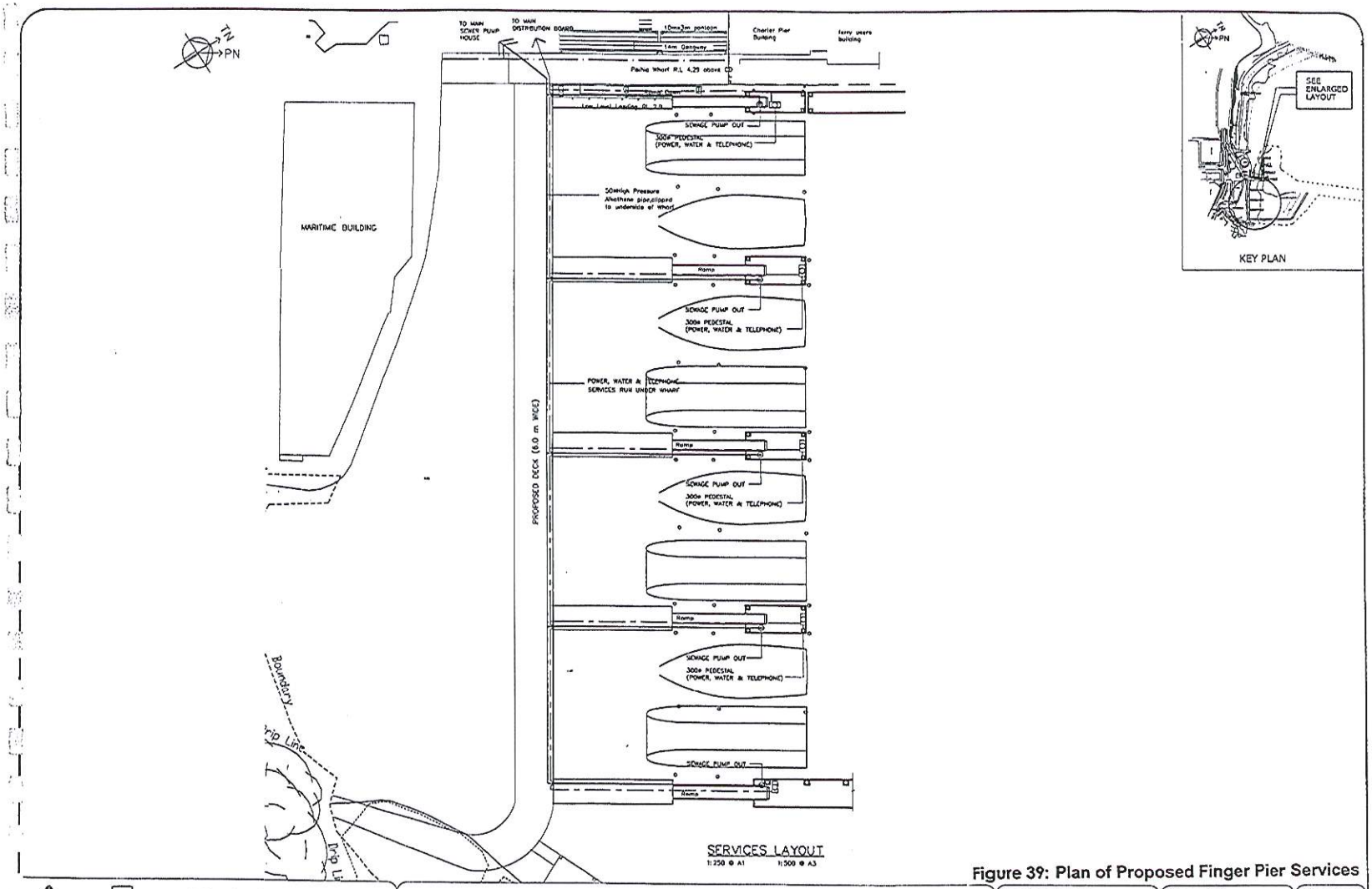

Figure 39: Plan of Proposed Finger Pier Services

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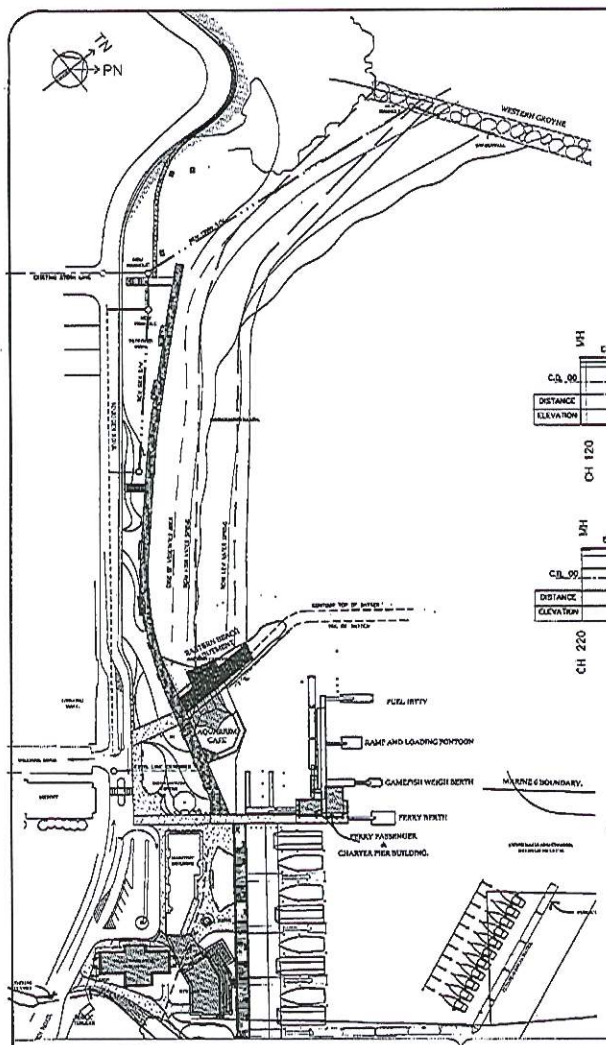
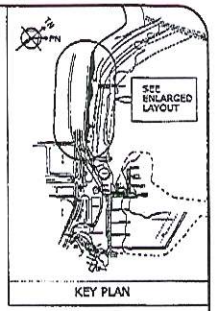
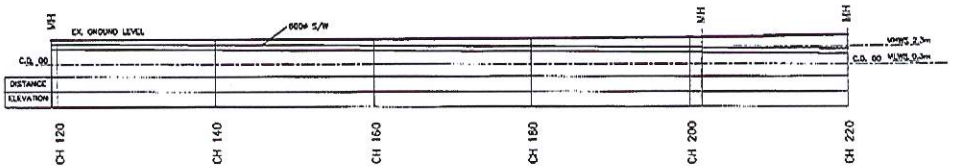
PAIHIA DEVELOPMENT

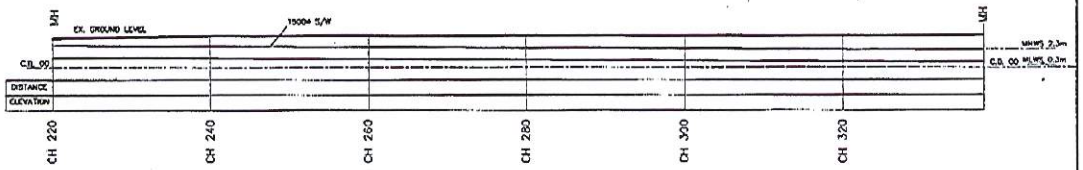
Services Layout		Checked: GS	Project: 2534
Date:	AMENDMENTS	Drawn: VDT	Sheet 7
		Date: MARCH 2006	
		Scale: AS SHOWN	

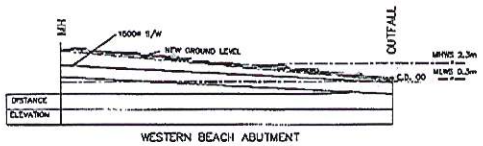
\\Tony\jobs\jobs 2501 - 3000\2534 Fin Paihia Wharf Feasibility\CAD 2006\Resource consent\GRT 7.dwg, 15/03/2006 11:51:36 a., Canon iR3320











LONGITUDINAL SECTION OF STORMWATER LINE

1:250 @ A1 1:500 @ A3

PLAN OF BEACH WATERFRONT

1:750 @ A1 1:1500 @ A3

FIGURE 40 : PLAN OF EXISTING & PROPOSED STORMWATER FACILITIES

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STORMWATER LAYOUT			
Date:	AMENDMENTS	Checked: GS	Project: 2534
29-11-05	As shown	Drawn: MHPR	Sheet 9 c
13-10-05	Pipe layout amended	Date: MARCH 2006	
		Scale: AS SHOWN	

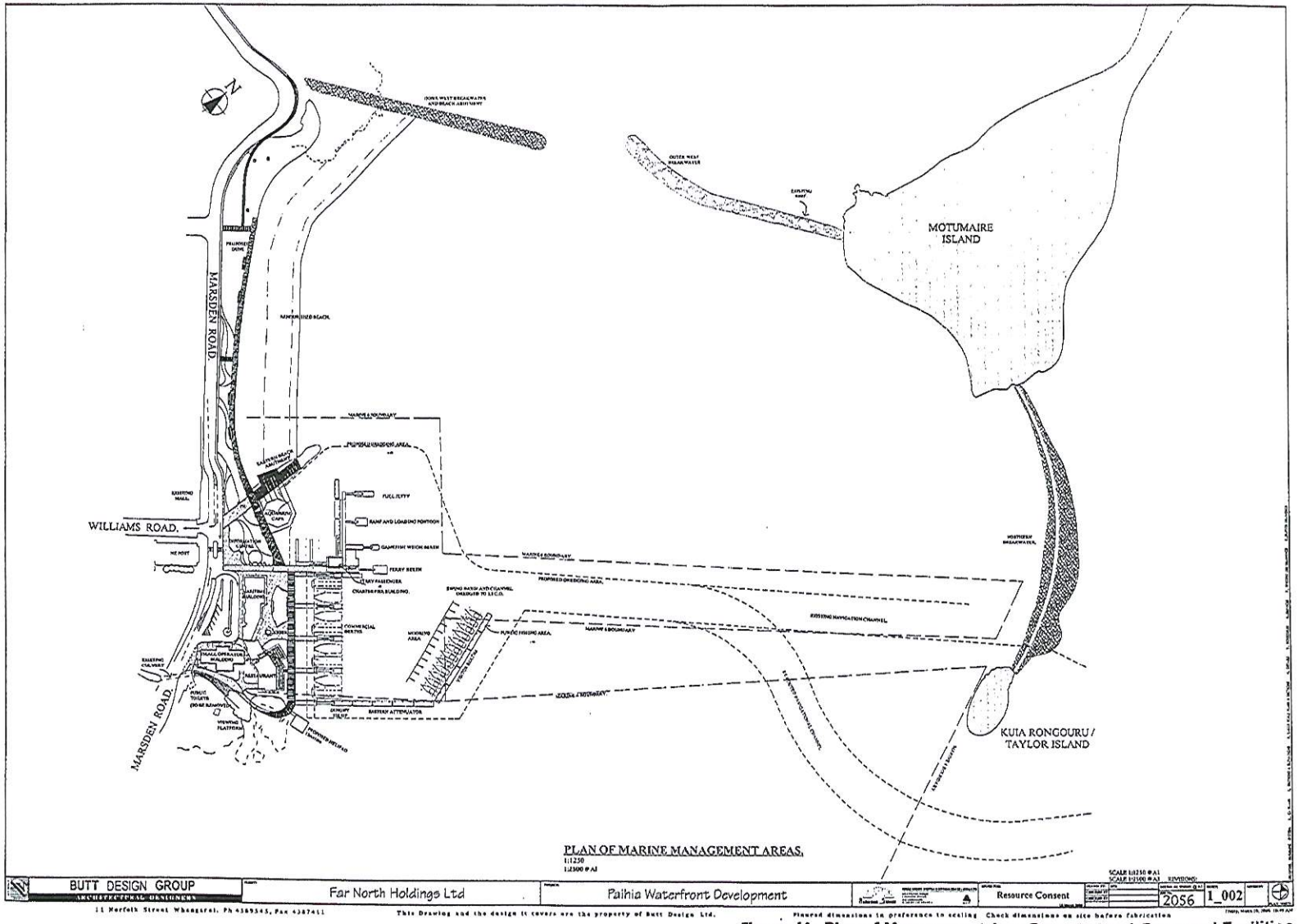

Figure 46: Plan of Management Area Boundaries & Proposed Facilities

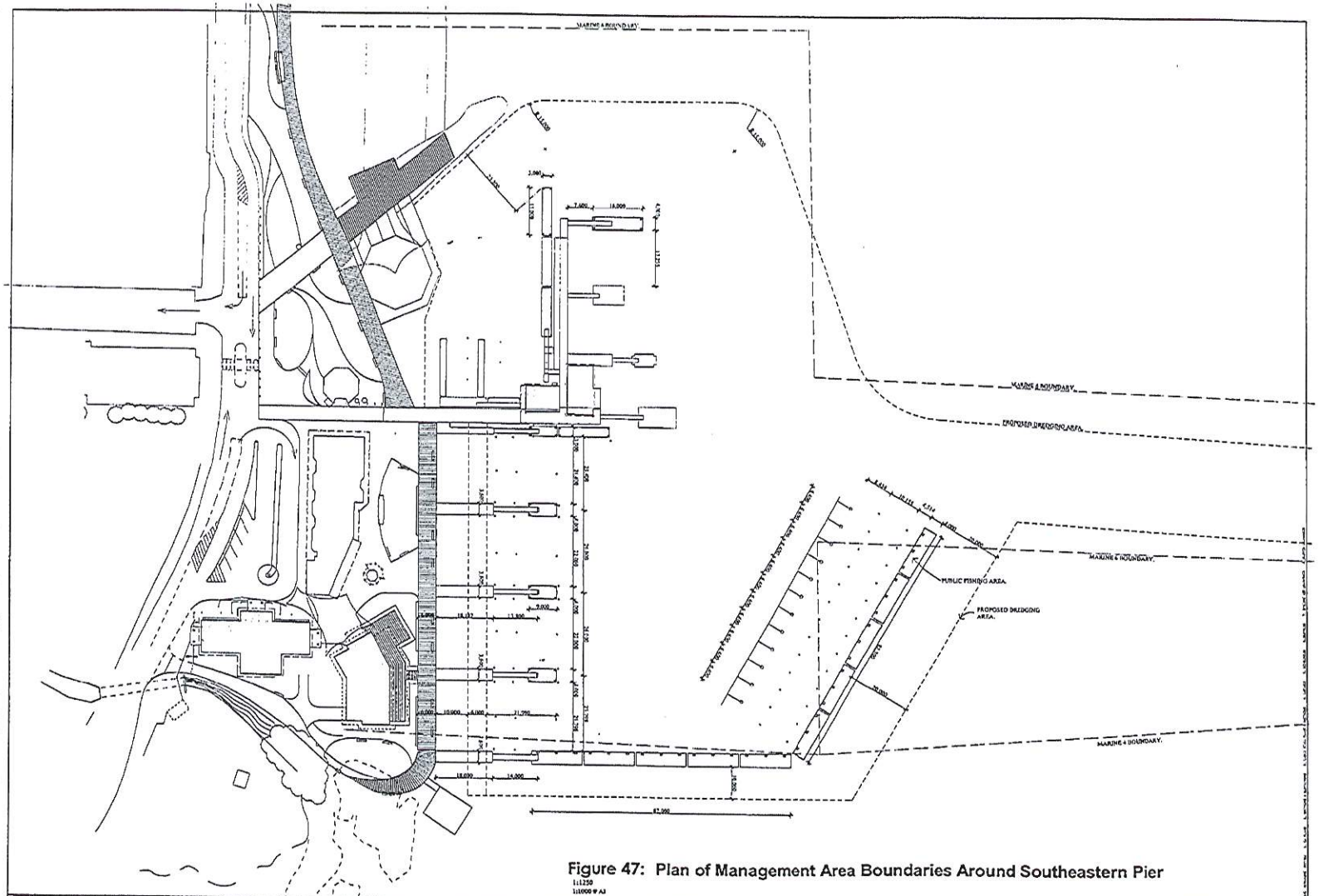

Figure 47: Plan of Management Area Boundaries Around Southeastern Pier

1:1250
1:1000 @ A3

BUTT DESIGN GROUP
ARCHITECTURAL DESIGNERS
11 Norfolk Street Whangarei. Ph 4389545, Fax 4387411

Far North Holdings Ltd

Paihia Waterfront Development

Resource Consent

2056 | 1_003

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Figured dimensions in preference to scaling. Check dimensions on site before fabrication

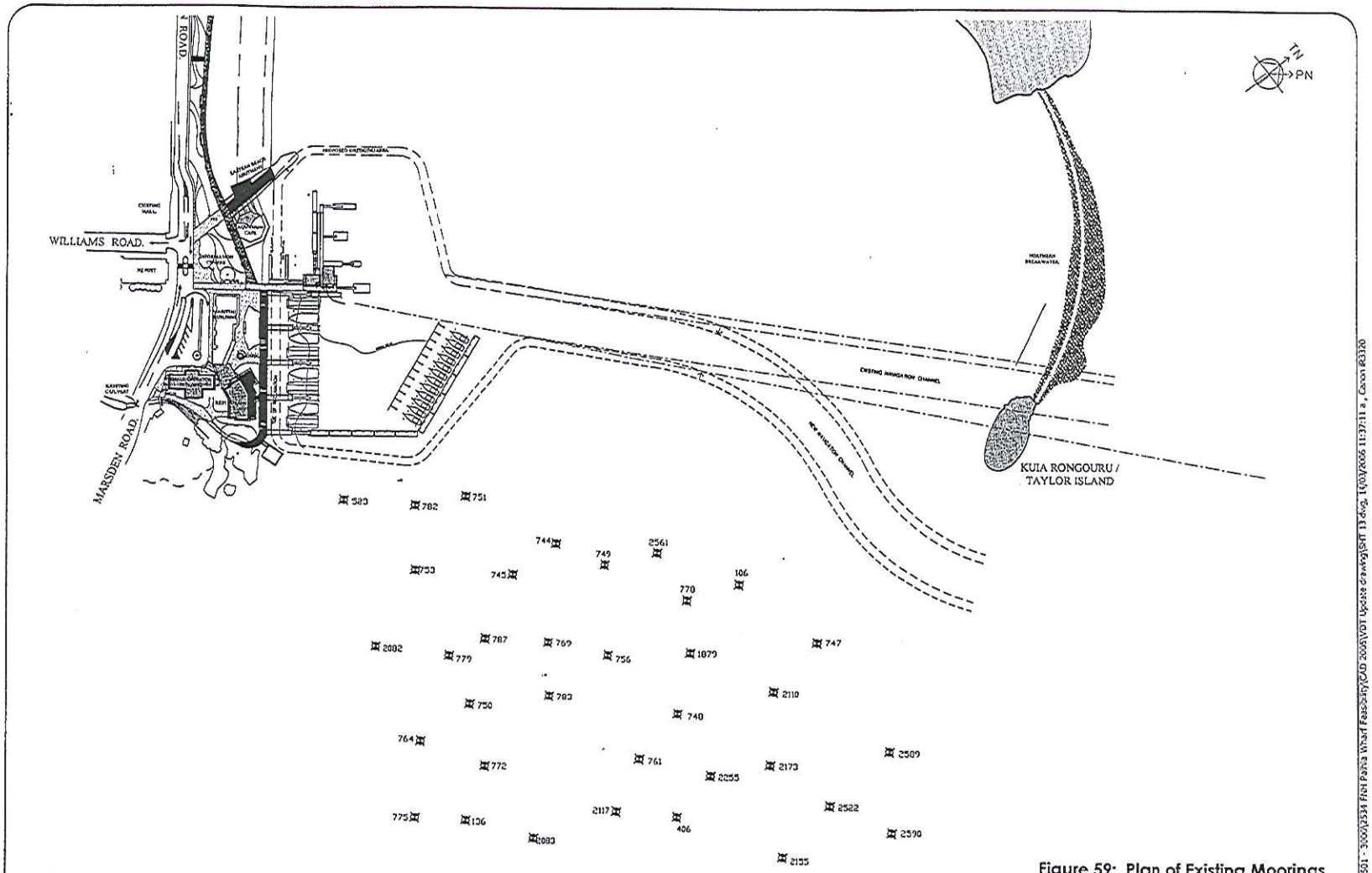

Figure 59: Plan of Existing Moorings

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PAIHIA DEVELOPMENT

MOORING LAYOUT		Checked: GS	Project: 2534
Date:	AMENDMENTS	Drawn: MHPR	Sheet 12
		Date: MARCH 2006	
		Scale:1:1250@A1 1:2500@A3	

\\Tus\jobs\Jobs\Jobs 2501 - 3000\2534 Fish Paihia Wharf Feasibility\CAD 2006\WDT Update Drawing\Sht 13.dwg, 14/03/2006 11:37:11 a , Canon iR3320

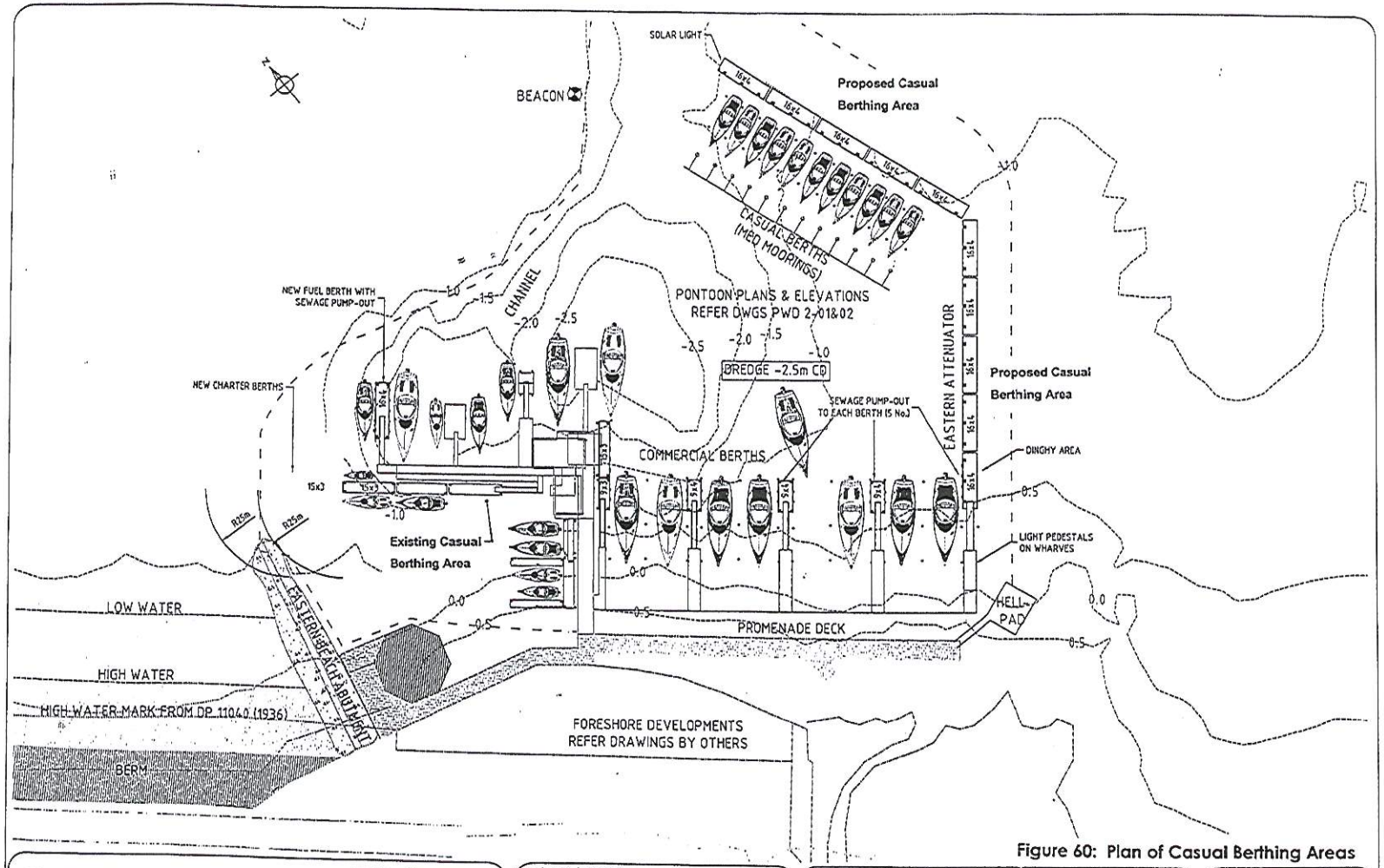

Figure 60: Plan of Casual Berthing Areas

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REV.	DATE	DESCRIPTION
1	Apr. 05	FIRST ISSUE
2	Aug. 05	GENERAL UPDATE
3	Dec. 05	BEACH & ABUTMENT ON NEW DWG 1-08

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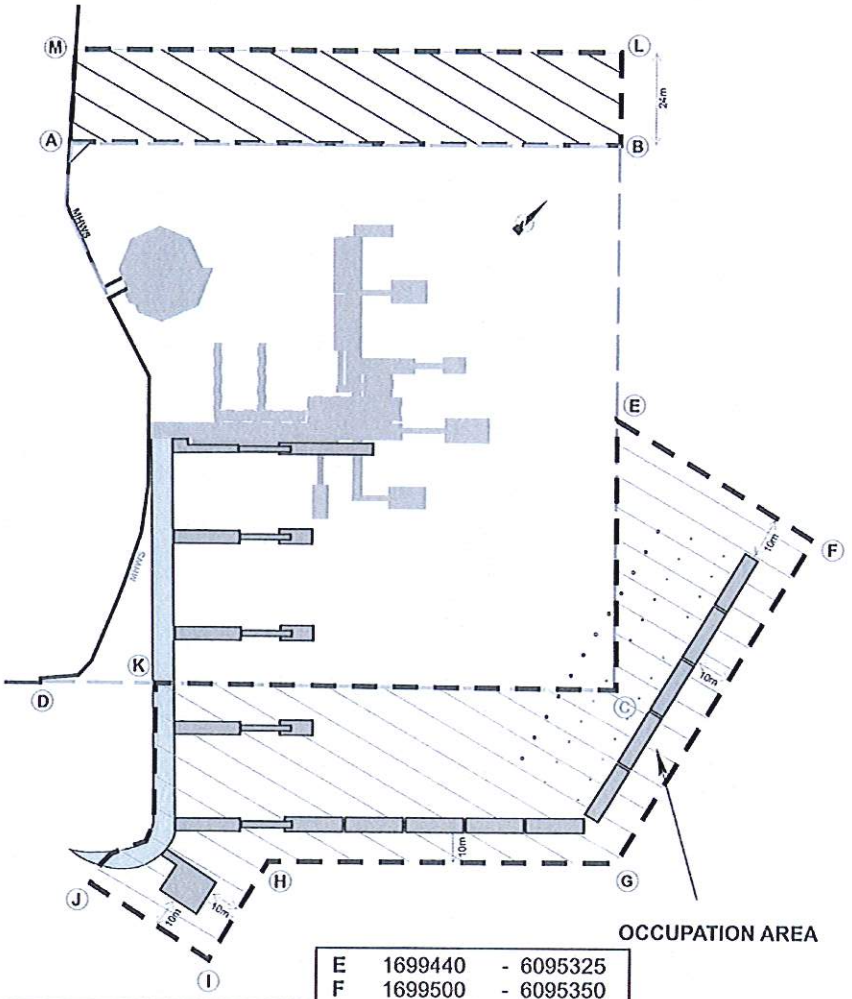
CLIENT: FAR NORTH HOLDINGS LTD
PROJECT: PAIHIA WATERFRONT DEVELOPMENT
TITLE: REDEVELOPED WHARF AREA

Date: Dec. 05
Drawing: PWD 1-02
Revision No : 3
Scale: 1:1000 @A3
Drawn by: JP
App'd by:



Boundary Co-ordinates (NZTM)			
	Easting		Northing
A	1699290.50	-	6095265.40
B	1699385.92	-	6095372.74
C	1699491.96	-	6095278.47
D	1699392.84	-	6095166.97

E	1699440	-	6095325
F	1699500	-	6095350
G	1699530	-	6095255
H	1699470	-	6095185
I	1699480	-	6095160
J	1699445	-	6095145
K	1699415	-	6095190
L	1699367	-	6095388
M	1699272	-	6095281

NORTHLAND REGIONAL COUNCIL

RESOURCE CONSENT CON20060545411
for
Far North Holdings Ltd
Paihia Wharf Redevelopment
Occupation Area

Scale:	N.T.S.	
Drawn:	CNA	07/09
App'd:		
Plan No.	4221A	

Existing Rock Embankment

Footing of new rock abutment

Triangular timber decking (4.5m²)

MN

TN

300×75 joist H4 at edge of timber deck

Hand Rail until beach is built (22m)

Timber platform (50mm hardwood or pine decking H3.2 - Decking ommited for clarity)

CH 22m

Type 2 Rock (See Sheet no 2)

Type 1 Rock (See Sheet no 2)

2/300×75 MSG8 RS, H4 bearer

Hand Rail

300×75 joist H4 at edge of timber deck

2/300×100 MSG10 RS, H4 bearer

CL of new rock abutment

CH 67.4m

Top edge of new rock abutment

300×75 Joist H4 @ 900 crs

300 × 300 Prestressed Precast Concrete pile @ 4m crs (11m long)

2/300×75 MSG8 RS,H4 bearer

10m×8m timber platform (50mm hardwood or pine decking H3.2) (80m²)- Decking ammited for clarity

300×75 Joist H4 @ 900 crs

CH 0m

300 × 300 Prestressed Precast pile @ 4m crs (11m long)

Poured concrete pile

2/300×100 MSG10 RS, H4 bearer

Hand Rail (75m long)

200×100 bearer fixed @ 450 crs to concrete walkway

Area of new timber deck = 443.61 m²

Existing verandah to be removed

300×100 MSG8 RS, H4 bearer

Int. support pile (4m long)

Toe Rail (150×100) H4

Fender Pile @3m crs (12m long)

Fender Pile @2m crs (12m long)

Hand Rail (14m long)

-2M CD DREDGE LINE

2/300×100 MSG8 RS, H4 bearer

2/300×75 joist H4 at edge of timber deck

300×100 MSG8 RS, H4 bearer

Ladder

Wharf Gantry (New location)

Concrete walkway similar to Paihia main finger pier running North west (2.44m width, Area = 90.71m²)

450 × 450 Prestressed Precast Concrete pile @ 9.1m crs (12m long)

TOTAL AREA OF WHOLE DECK = 618.82 m²

AQUARIUM CAFE

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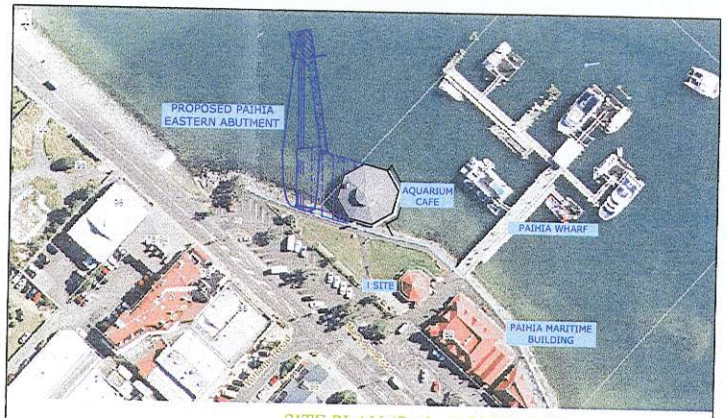
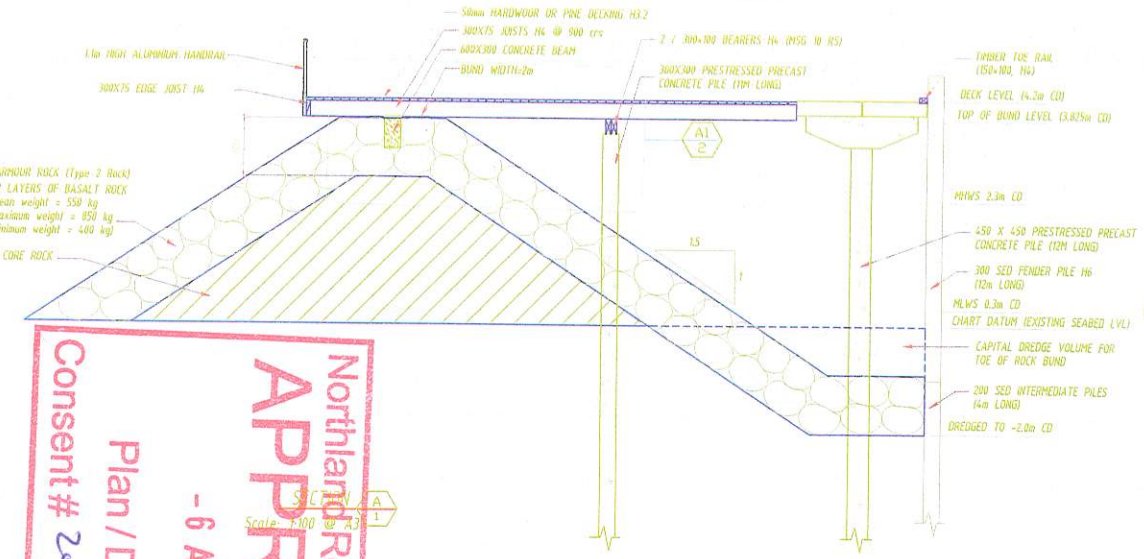
Consent # 20110545 17

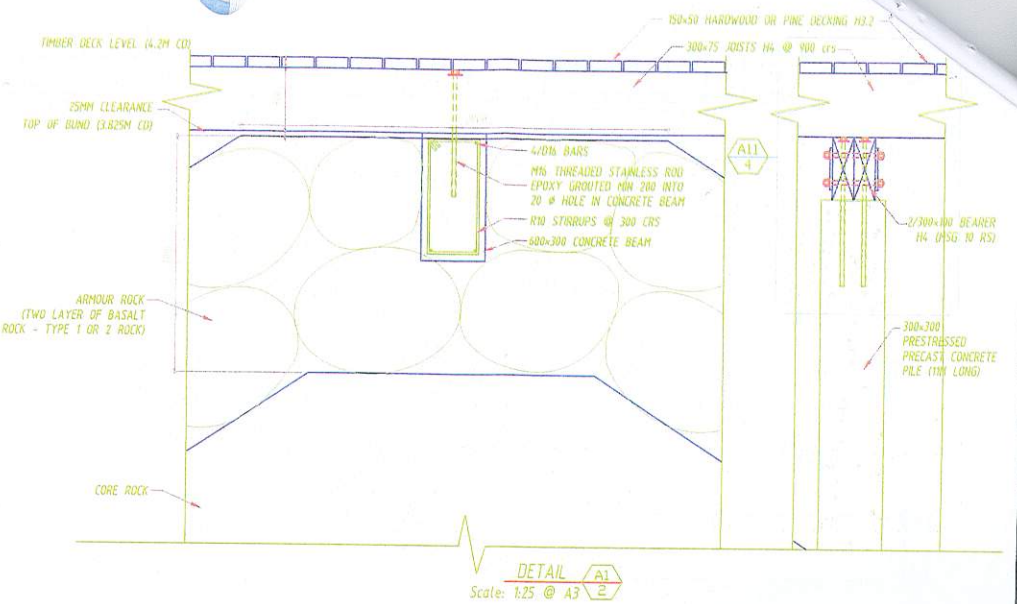
OVERALL PLAN OF PAIHIA EASTERN ABUTMENT
(Scale - 1:250 @ A3)

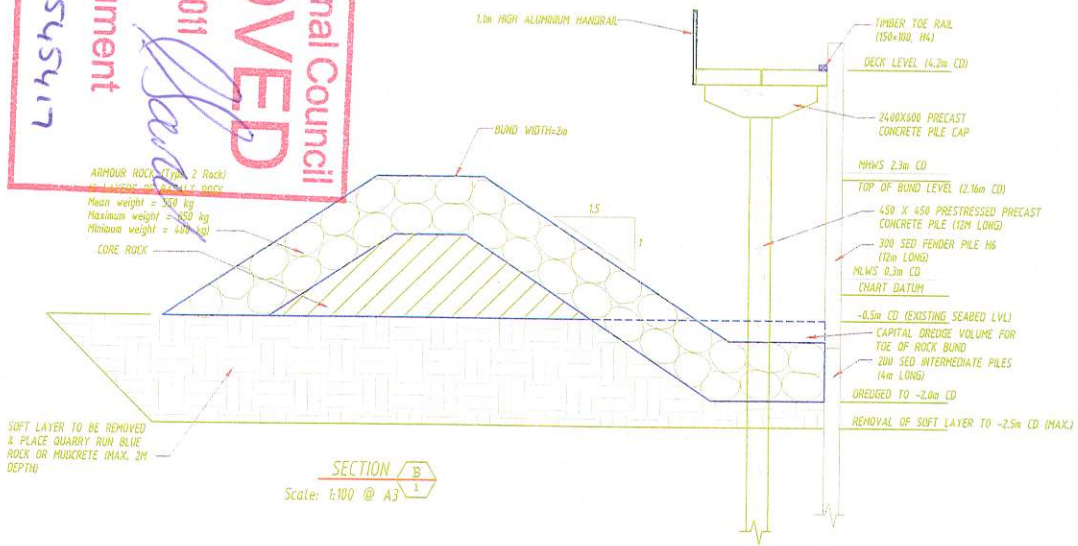


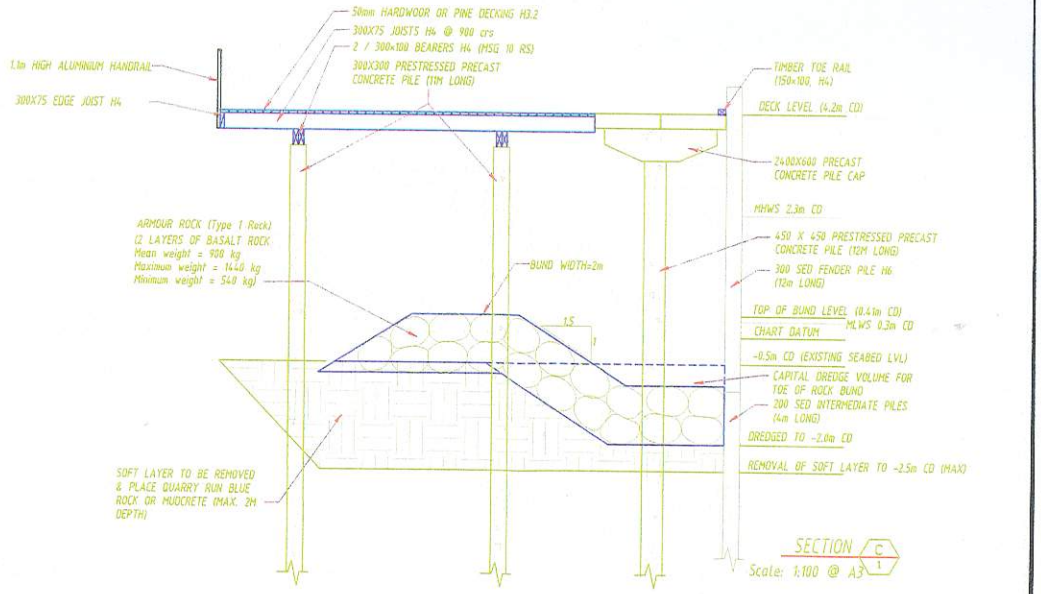
SITE PLAN (Scale- 1:2000) @ A3

v1.0	Drawing Status - Consent / Tender Draft	17/02/11	Survey:	Job Title.	Far North Holdings Limited	Drawing Title.
			Design: IMS	PAIHIA EASTERN ABUTMENT	Opua Marine Park P.O. Box 7 Opua, 0241 Bay Of Islands, New Zealand Ph. (09) 402 5659 Email: enquiries@fnhl.co.nz	OVERALL PLAN OF PAIHIA EASTERN ABUTMENT
			Drawn: IMS			
			Checked: GS			
			Date: 17/02/11			Project No. 1030 / Rev. 1.0 / Sheet No. 01
			Scale: 1:250,1:2000@A3			
			Drawing title: PAEA_1.0			









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v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:100&1:25@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

Far North Holdings Limited
Opua Marine Park
P.O. Box 7
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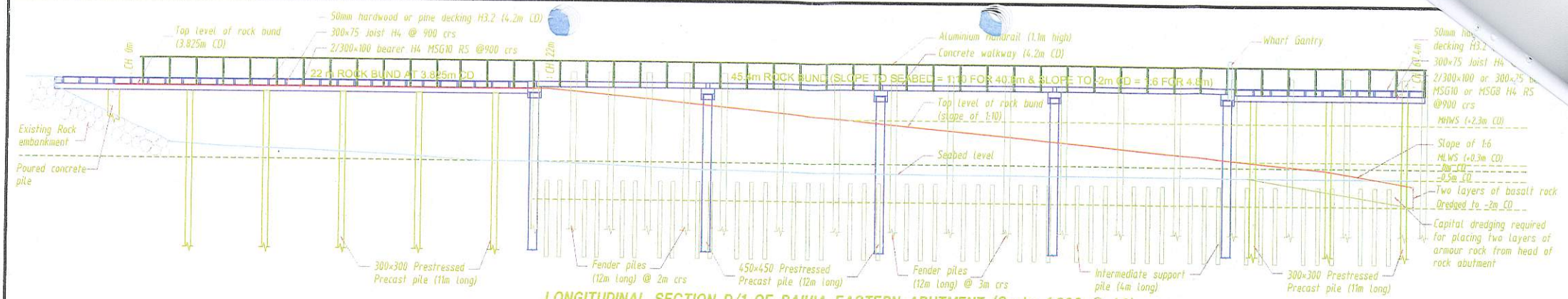
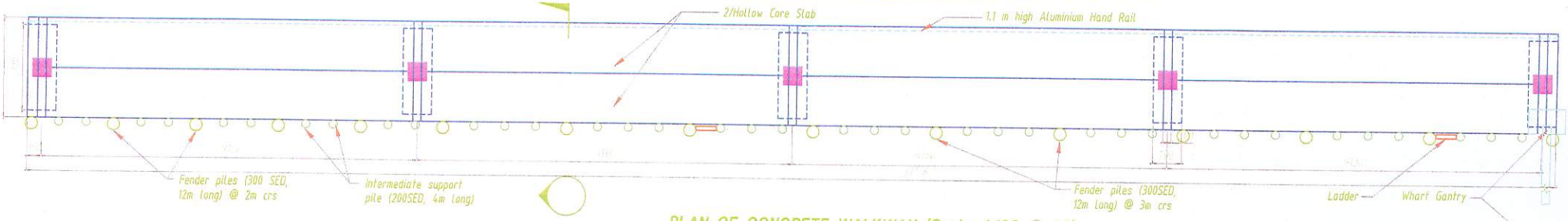
Bay Of Islands, New Zealand
Ph. (09) 402 5659
Email: enquiries@fnhl.co.nz

Drawing Title.
X-SECTIONS OF PAIHIA EASTERN ABUTMENT

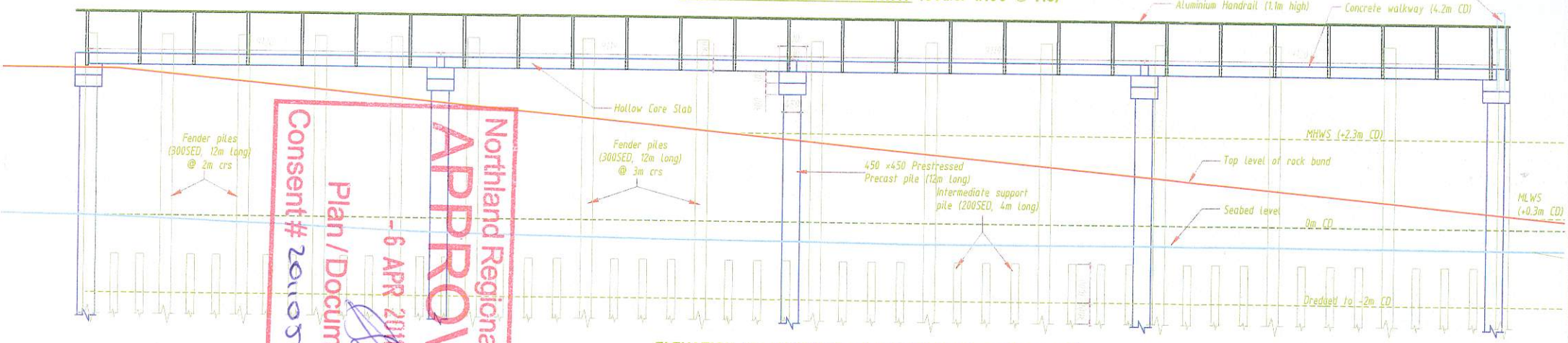
Project No.	Rev.	Sheet No.
1030	1.0	02



LONGITUDINAL SECTION D/1 OF PAIHIA EASTERN ABUTMENT (Scale: 1:200 @ A3)



PLAN OF CONCRETE WALKWAY (Scale: 1:100 @ A3)



ELEVATION OF CONCRETE WALKWAY (Scale: 1:100 @ A3)

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Consent # 20105457

v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:100&1:200@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

Far North Holdings Limited
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Bay Of Islands, New Zealand
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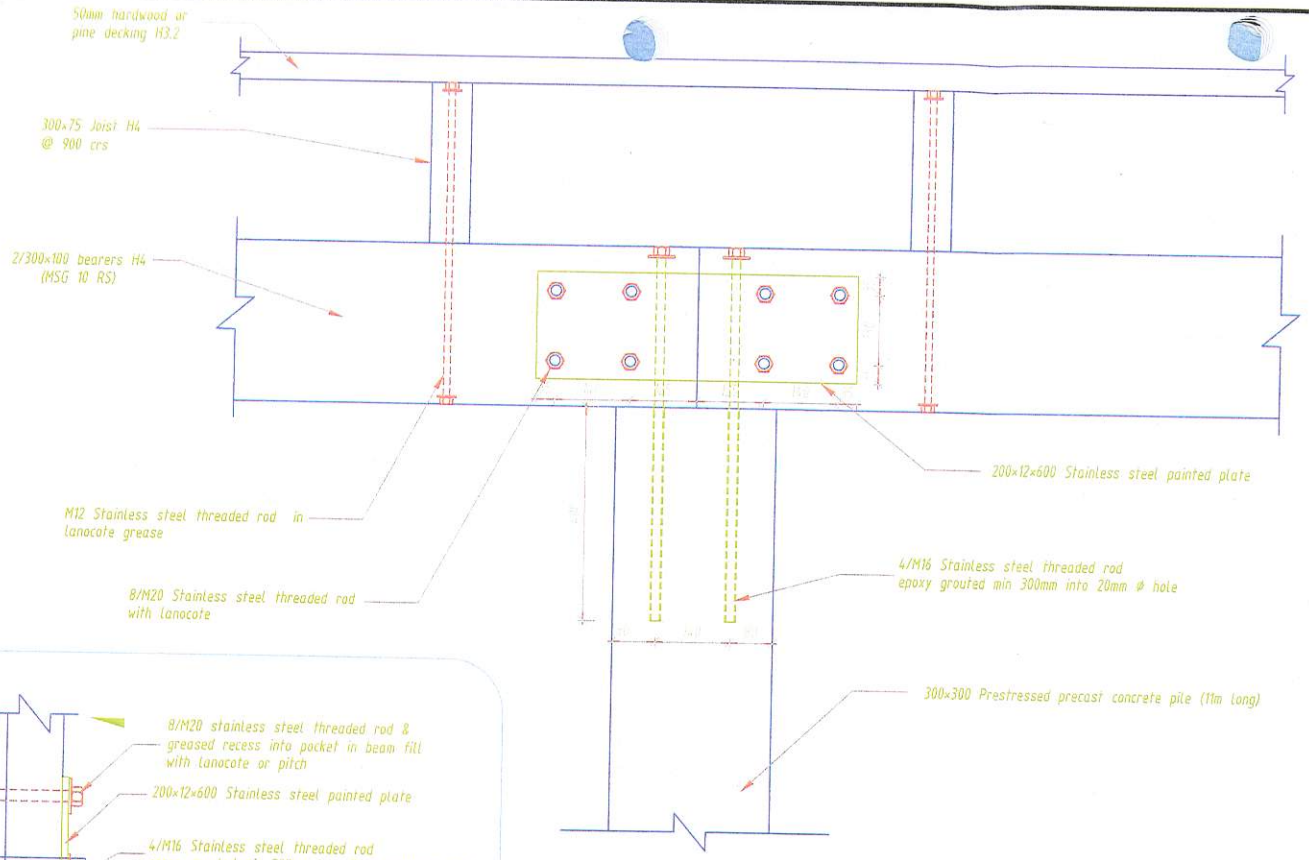
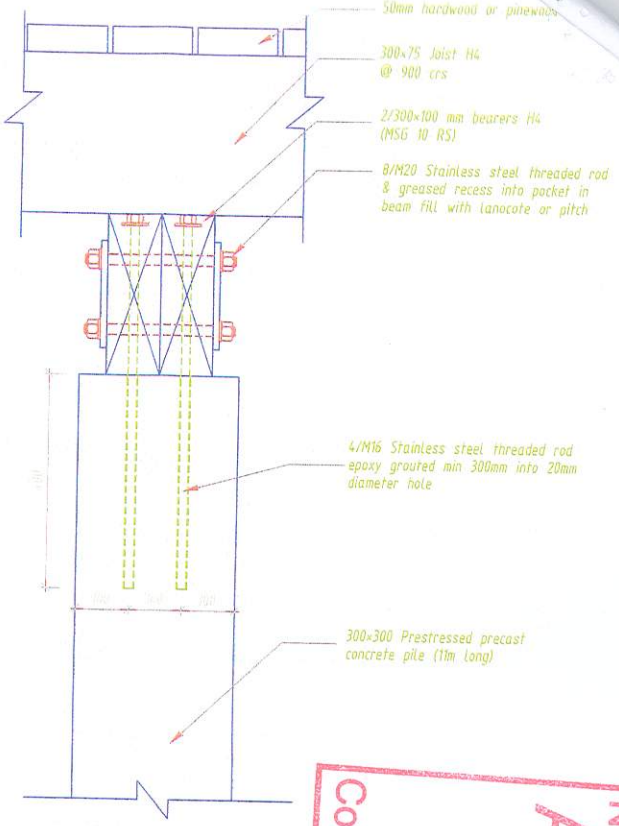
Drawing Title.
LONGITUDINAL SECTION OF PAIHIA EASTERN ABUTMENT

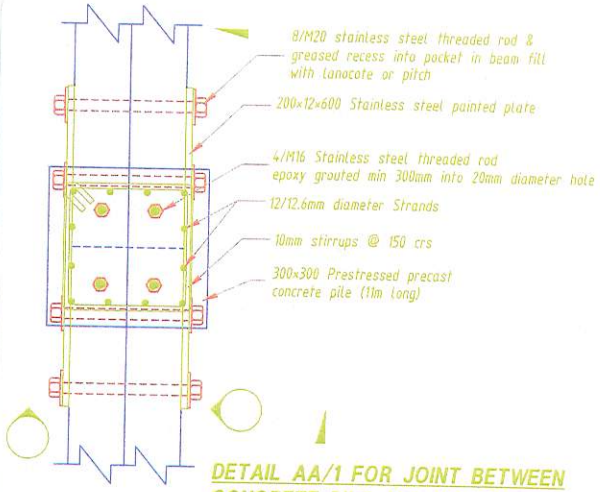
Project No.	Rev.	Sheet No.
1030	1.0	03



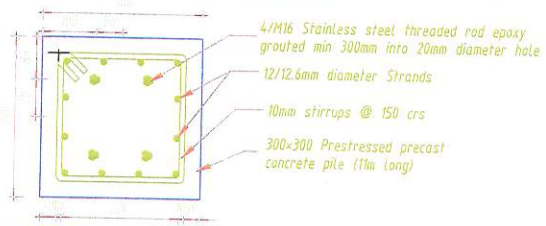
SECTION D/4 - DETAIL FOR SPLICING OF DECK BEARER



SECTION E/4 & DETAIL A11/4 - DETAIL FOR FIXING OF BEARER



DETAIL AA/1 FOR JOINT BETWEEN CONCRETE PILE AND BEARER



PLAN OF 350x350 PRESTRESSED PRECAST CONCRETE PILE

Northland Regional Council
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- 6 APR 2011
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Consent # 20110545417

v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:10@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

Far North Holdings Limited
Opua Marine Park
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Opua, 0241
Bay Of Islands, New Zealand
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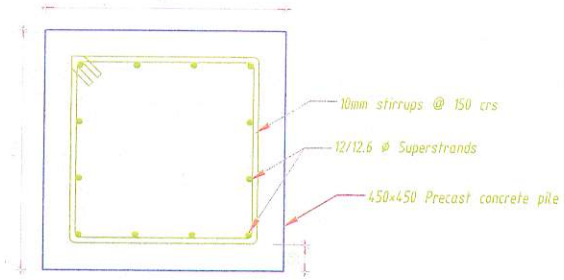
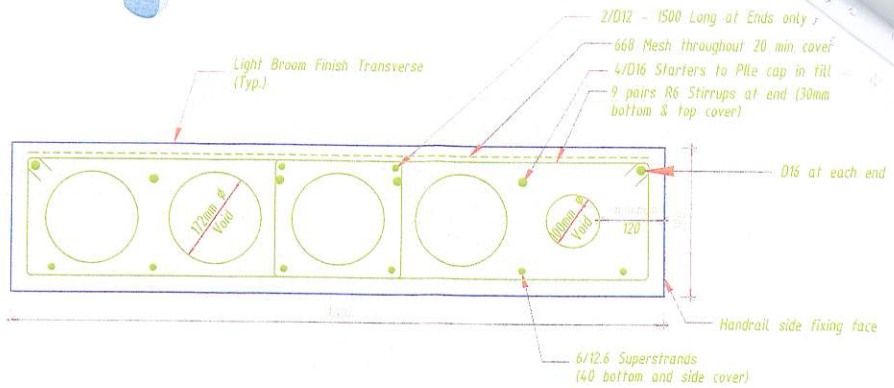
Drawing Title.
DETAIL OF JOINT BETWEEN CONCRETE PILE AND TIMBER DECK

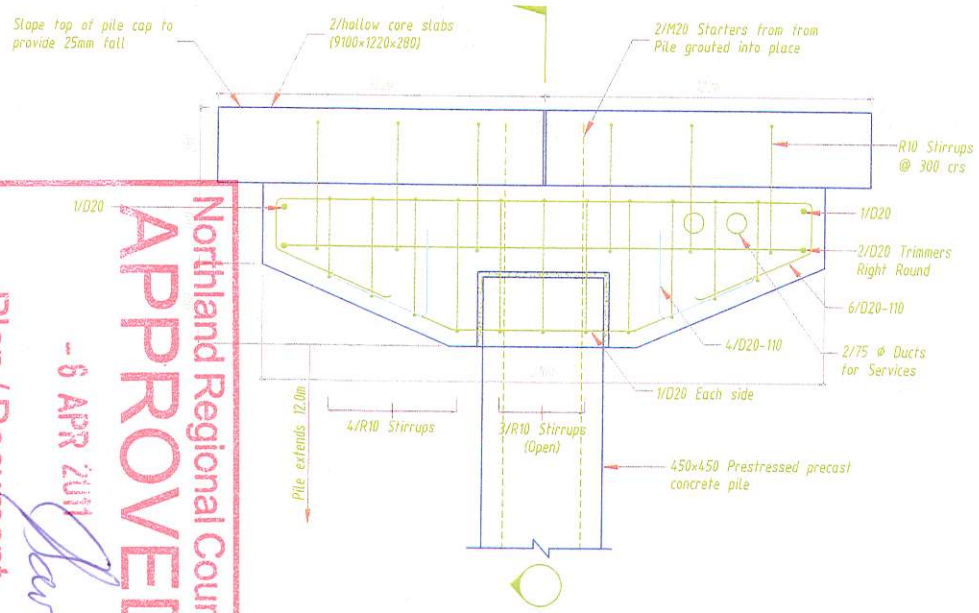
Project No.	Rev.	Sheet No.
1030	1.0	04



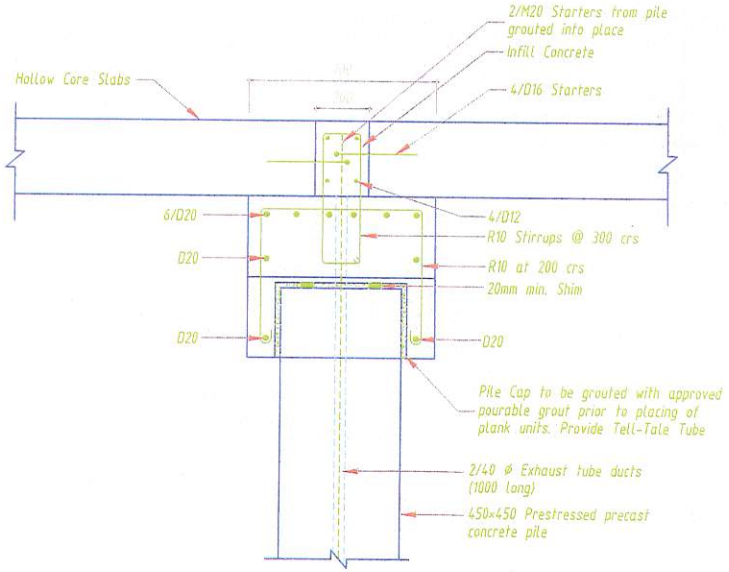
PLAN OF 450x450 PRESTRESSED PRECAST CONCRETE PILE
(Scale: 1:10 @ A3)



TYPICAL CROSS SECTION FOR PRESTRESSED PRECAST CONCRETE PLANKS
(Scale: 1:10 @ A3)



SECTION F/3
(Scale: 1:20 @ A3)



SECTION G/5
(Scale: 1:20 @ A3)

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- 6 APR 2011
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Consent # 20110545 17

v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:10&1:20@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

Far North Holdings Limited
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Bay Of Islands, New Zealand
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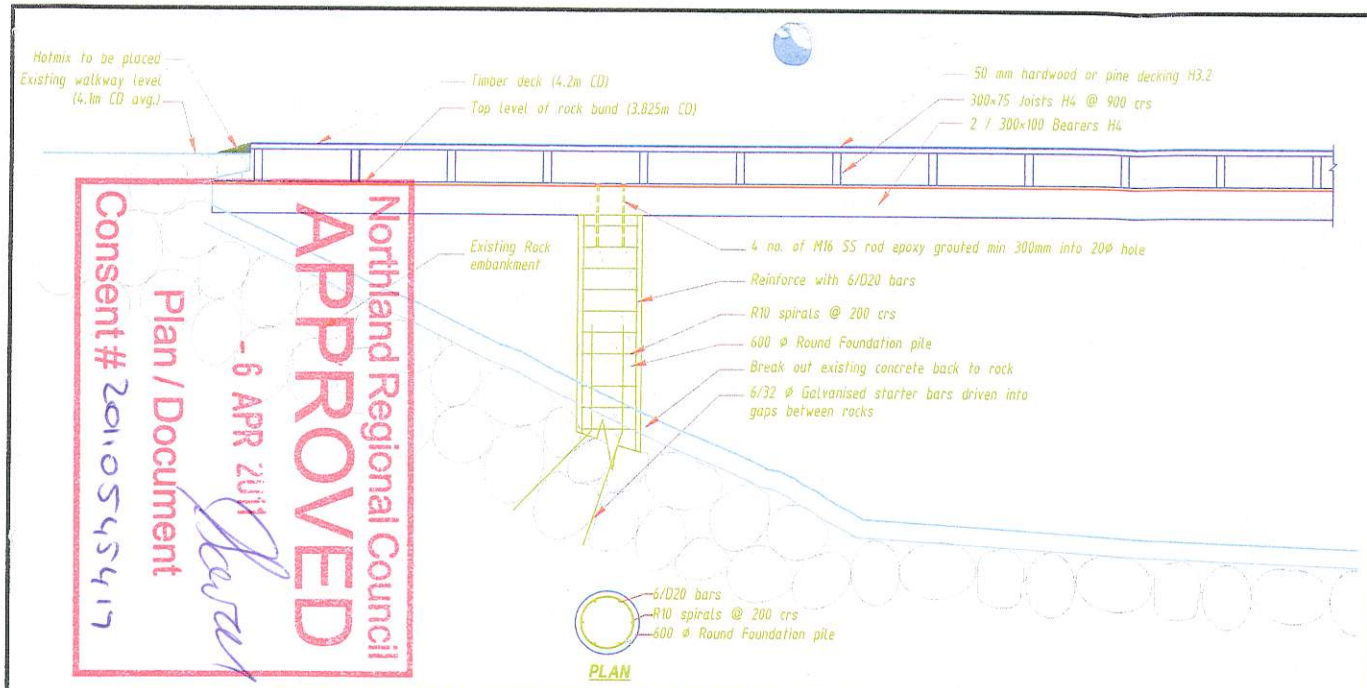
Drawing Title.
DETAIL OF CONCRETE WALKWAY

Project No.	Rev.	Sheet No.
1030	1.0	05



DETAIL AB/1: POURED CONCRETE FOUNDATION FOR BEARERS LANDING ON CONCRETE EMBANKMENT
(Scale: 1:50 @ A3)

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- 6 APR 2011
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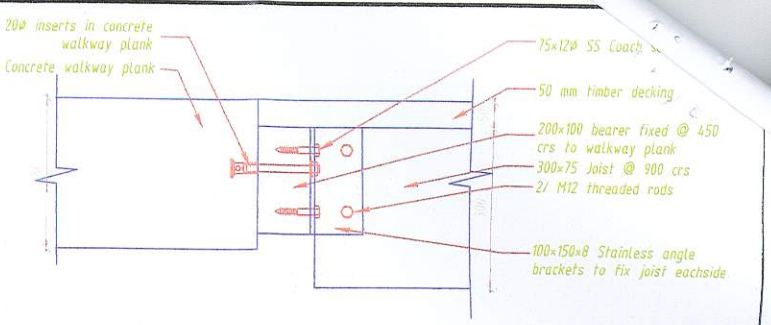
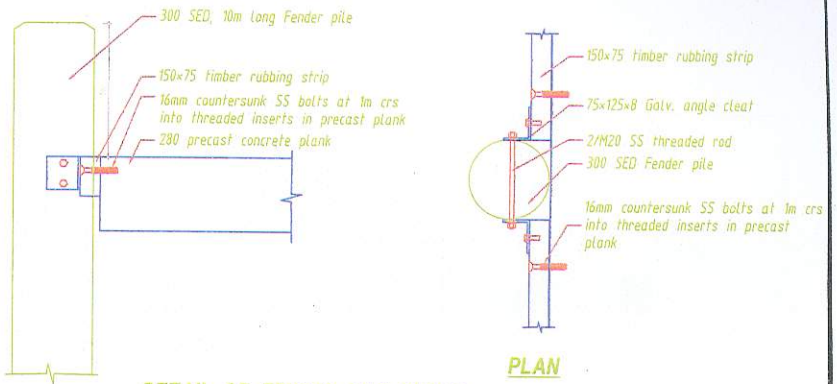
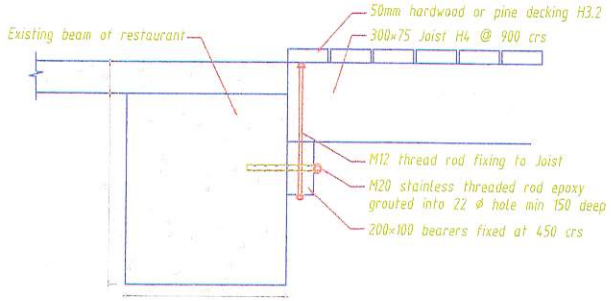
Consent # 2010 5547



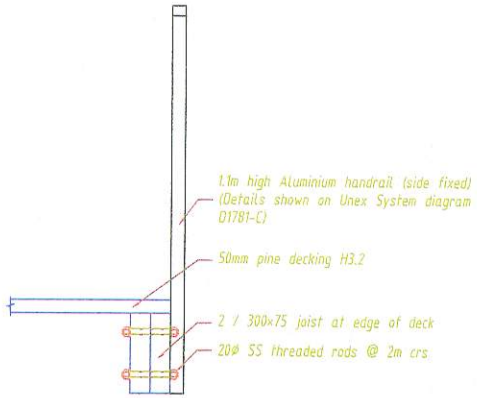
DETAIL AF/1: JOIST SUPPORT AT CONCRETE WALKWAY
(Scale: 1:10 @ A3)



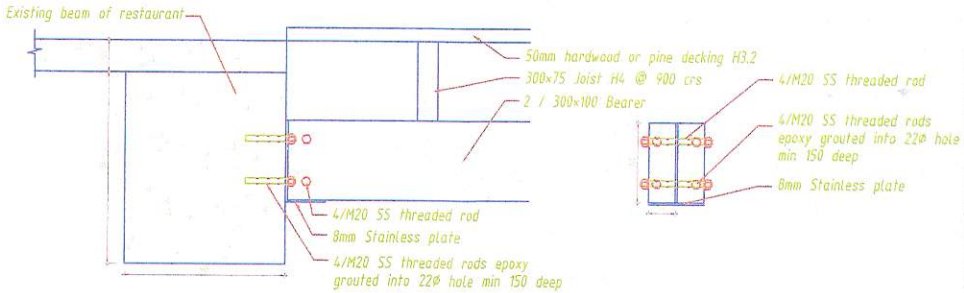
DETAIL OF FENDER PILE FIXING
(Scale: 1:20 @ A3)



DETAIL AC/1: JOIST SUPPORT AT AQUARIUM CAFE
(Scale: 1:20 @ A3)



DETAIL AE/1: EDGE JOIST AND HANDRAIL CONNECTION
(Scale: 1:20 @ A3)



DETAIL AD/1: BEARER SUPPORT AT AQUARIUM CAFE
(Scale: 1:20 @ A3)

v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:10,1:20,1:50@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

Far North Holdings Limited
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Bay Of Islands, New Zealand
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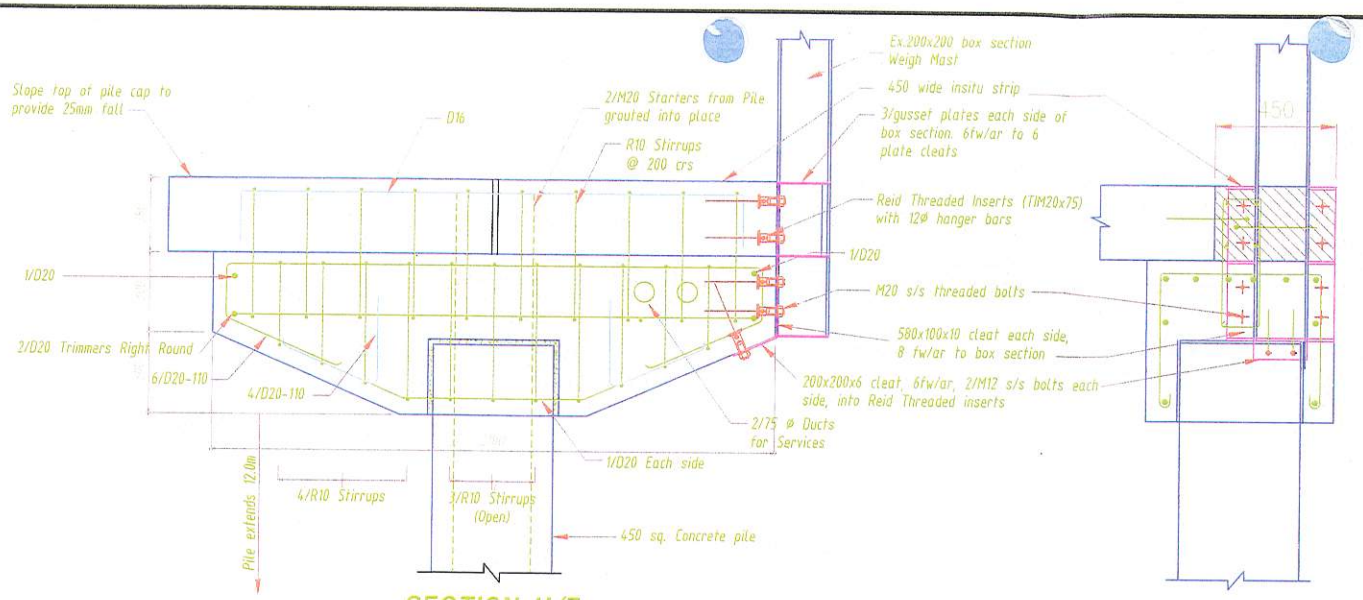
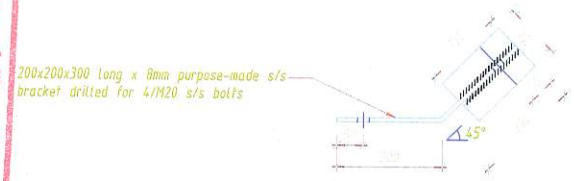
Drawing Title.
DETAIL OF POURED CONCRETE PILE, JOIST & BEARER SUPPORT

Project No.	Rev.	Sheet No.
1030	1.0	06

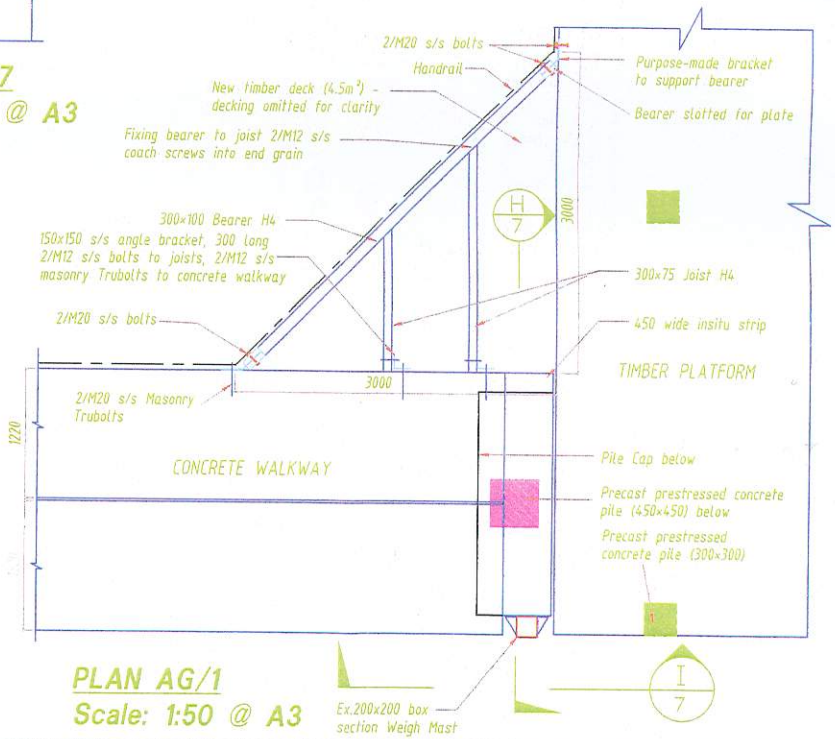


SECTION H/7
Scale: 1:20 @ A3

SECTION I/7
Scale: 1:20 @ A3



DETAILS OF PURPOSE-MADE BRACKET TO SUPPORT BEARER
(Scale: 1:10 @ A3)



PLAN AG/1
Scale: 1:50 @ A3

Northland Regional Council
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- 6 APR 2011
Plan / Document
Consent # 20110545 17

v1.0	Drawing Status - Consent / Tender Draft	17/02/11	Survey:	Job Title.	Drawing Title.	
			Design: IMS	PAIHIA EASTERN ABUTMENT	WHARF GANTRY DETAILS	
			Drawn: IMS			
			Checked: GS			
			Date: 17/02/11			
			Scale: 1:10,1:20,1:50@A3			
			Drawing title: PAEA_1.0		Project No. 1030	Rev. 1.0 / Sheet No. 07

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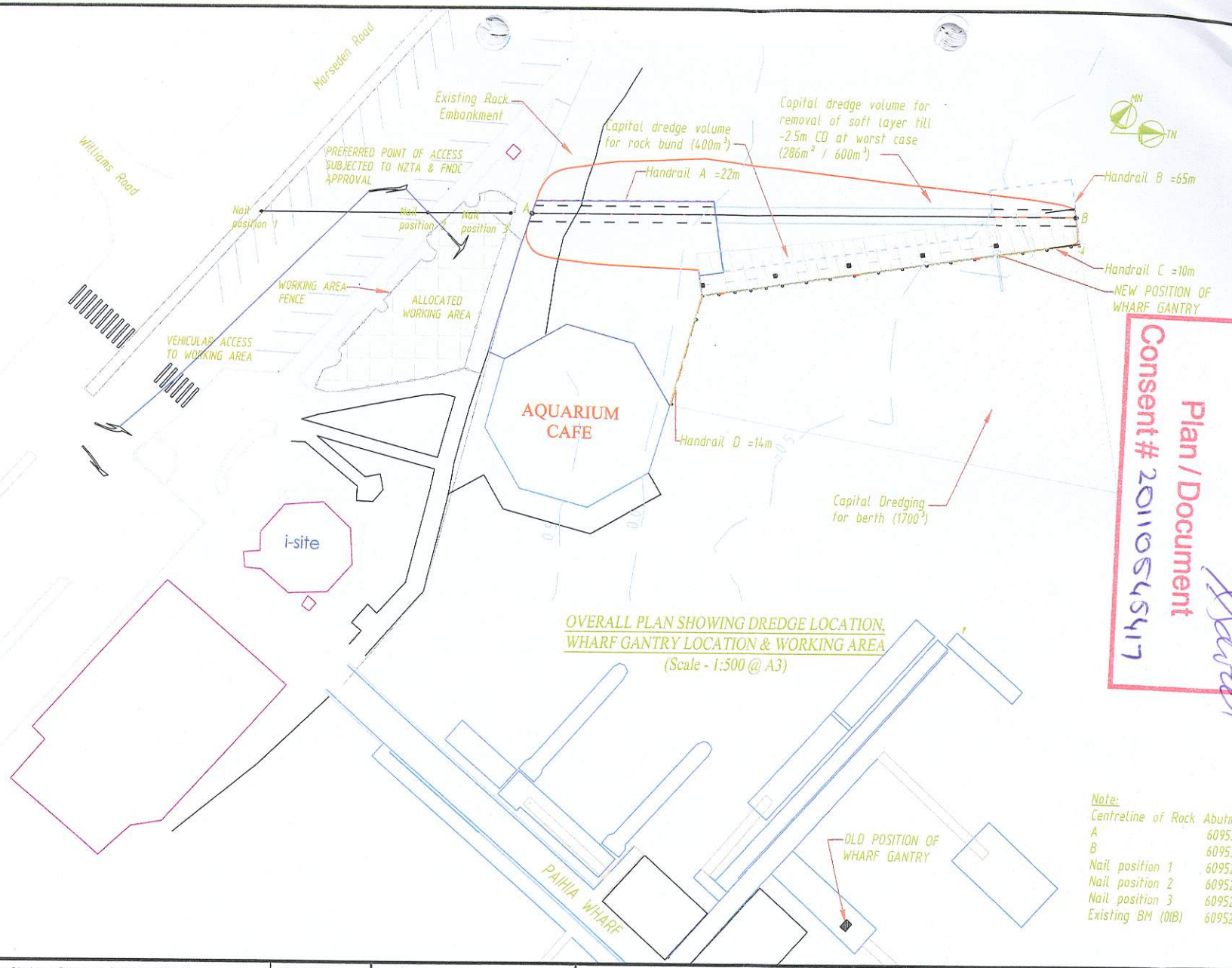

OVERALL PLAN SHOWING DREDGE LOCATION, WHARF GANTRY LOCATION & WORKING AREA
(Scale - 1:500 @ A3)

Northland Regional Council
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- 6 APR 2011
Plan / Document
Consent # 20110545417

Note:
Centreline of Rock Abutment position: (NZTM2000)

A	6095253.0125mN	1699301.6763mE	4.10m CD
B	6095320.3804mN	1699300.6992mE	
Nail position 1	6095219.5030mN	1699302.1642mE	5.05m CD
Nail position 2	6095240.1135mN	1699301.8584mE	4.54m CD
Nail position 3	6095250.3581mN	1699301.7081mE	4.15m CD
Existing BM (OIB)	6095260.32mN	1699266.54mE	4.40m CD

v1.0	Drawing Status - Consent / Tender Draft	17/02/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 17/02/11
Scale: 1:500@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT

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Bay Of Islands, New Zealand
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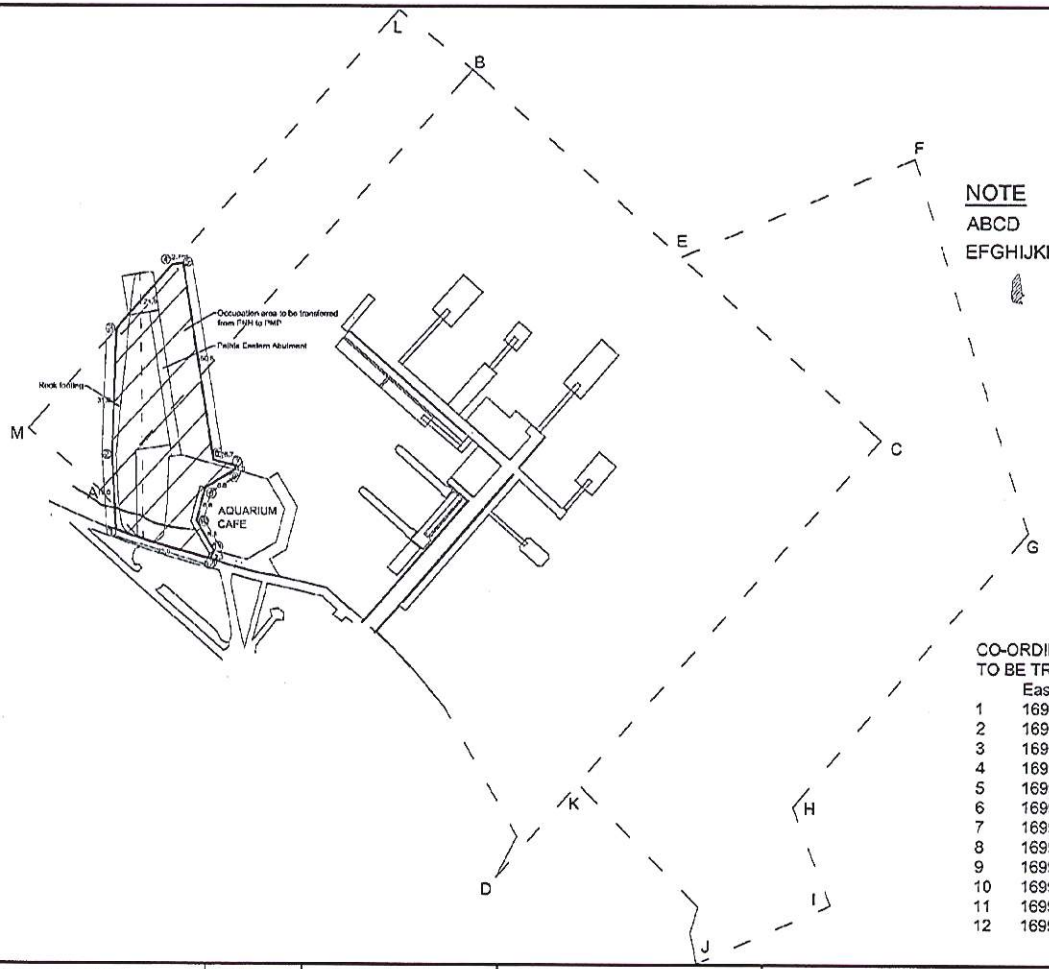
Drawing Title.
DREDGE LOCATION, WHARF GANTRY LOCATION & WORKING AREA

Project No.	Rev.	Sheet No.
1030	1.0	08



NOTE

ABCD CON20050545402

EFGHIJKLM CON20050545411

OCCUPATION AREA TO BE TRANSFERRED FROM FNH TO PMP

CO-ORDINATES (NZTM) OF OCCUPATION AREA TO BE TRANSFERRED FROM FNH TO PMP

	Easting	Northing
1	1699294.46	6095255.42
2	1699293.43	6095274.41
3	1699294.48	6095306.32
4	1699309.03	6095322.71
5	1699311.74	6095323.14
6	1699319.65	6095273.14
7	1699325.25	6095271.66
8	1699325.08	6095270.67
9	1699317.54	6095266.05
10	1699315.39	6095257.66
11	1699319.77	6095250.02
12	1699318.94	6095248.00

v1.0	Drawing Status - Consent / Tender Draft	13/05/11
v1.1	Drawing Status - Occupation area revised	23/05/11

Survey:
Design: IMS
Drawn: IMS
Checked: GS
Date: 23/05/11
Scale: 1:1000@A3
Drawing title: PAEA_1.0

Job Title.
PAIHIA EASTERN ABUTMENT - PAIHIA MARITIME PROPERTIES LTD

Far North Holdings Limited
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Bay Of Islands, New Zealand
Ph. (09) 402 5659
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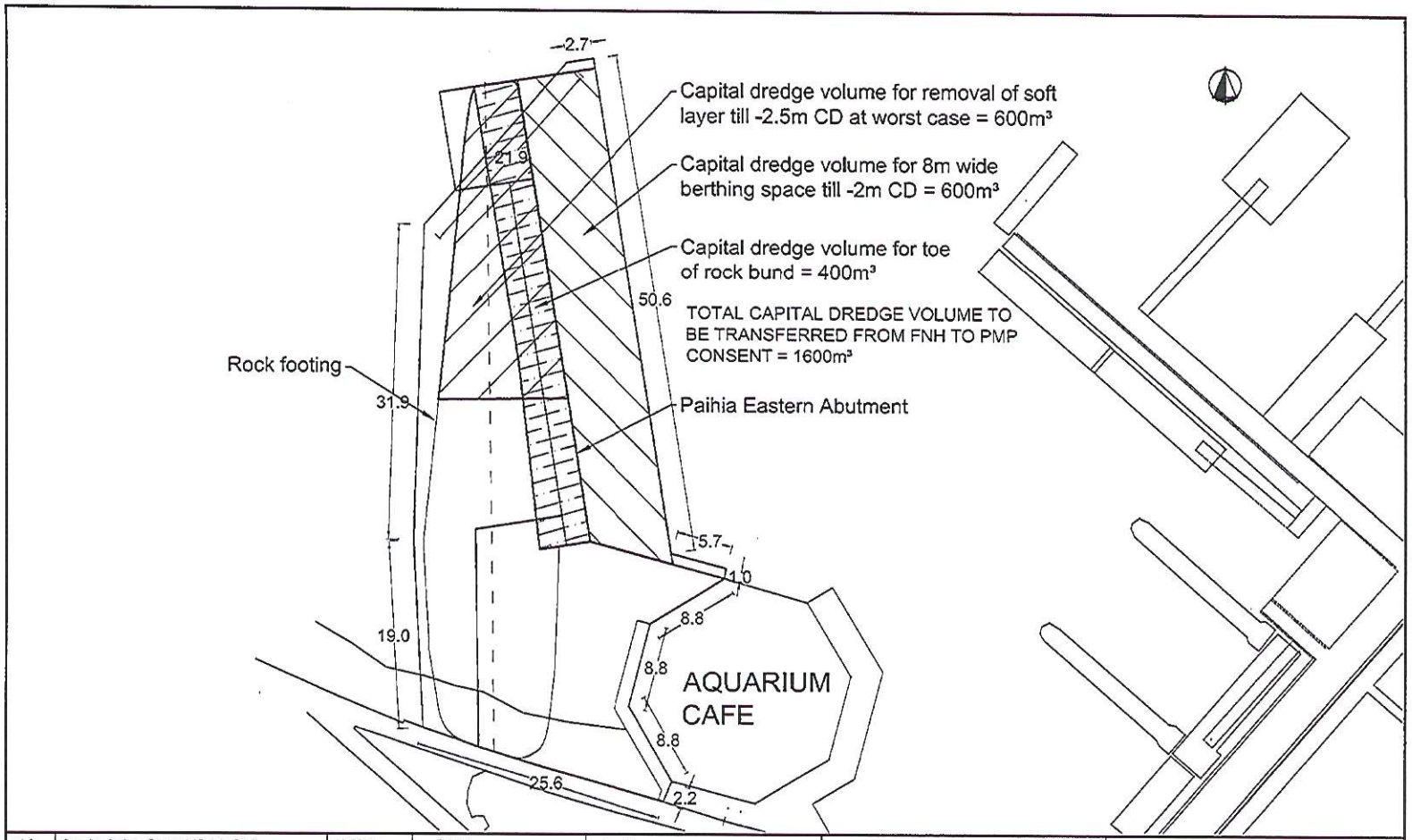
Drawing Title.
OVERALL VIEW OF OCCUPATION AREA TO BE TRANSFERRED

Project No.	Rev.	Sheet No.
1030	1.1	10



v1.0	Drawing Status - Consent / Tender Draft	13/05/11	Survey:	Job Title.	Far North Holdings Limited	Drawing Title.
v1.1	Drawing Status - Occupation area revised	23/05/11	Design:	PAIHIA EASTERN ABUTMENT - PAIHIA MARITIME PROPERTIES LTD	Opua Marine Park P.O. Box 7 Opua, 0241 Bay Of Islands, New Zealand Ph. (09) 402 5659 Email: enquiries@fnhl.co.nz	CAPITAL DREDGE VOLUME TO BE TRANFERRED
			Drawn: IMS			Project No. 1030 / Rev. 1.1 / Sheet No. 11
			Checked: GS			
			Date: 23/05/11			
			Scale: 1:500@A4			
			CAD Filename: PAEA_1.0			