

762/4

672/4  
157

1987.328.257

Bledisloe (Export CRF)  
Construction 1938-1967.

FILE NO.762/4.

EXPORT WHARF - CONSTRUCTION.

VARIOUS.

(SEE ALSO FILE NO.762/1).

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Date, 30th May, 1957.

TRAFFIC BARRIER - BLEDISLOE WHARF1 ONLY

DETAILS	Quantity	Item	Rate	£	s.	d.	£	s.	d.
<u>See Drawing E.1246/1.</u>									
<u>Material</u>									
21' of Aluminium Tube or Section.	21'		£9.4.0. per 16' length.	12	-	-			
Iron Ballast.	300 lb		1/-	15	-	-			
Trunnion and Pedestal.				15	-	-			
Notice				1	-	-			
Spring Clip Stand				5	-	-			
Sundries Paint, Cement etc.				1	-	-			
				<hr/>			£ 49	-	-
<u>Labour</u>									
2 men 1 week Fabrication only.			£25	50	-	-			
2 men 1 day Installation.			£6 ea.	12	-	-			
Painter 2 days 1 man.			£6	12	-	-			
				<hr/>			£ 74	-	-
<u>Plant</u>									
Truck				4	-	-			
Compressor				4	-	-			
Crane				10	-	-			
				<hr/>			£ 18	-	-
<u>Summary</u>									
	Material			£ 49	-	-			
	Labour			£ 74	-	-			
	Plant			£ 18	-	-			
				<hr/>			£ 131	-	-
<u>Drawings</u>									
	Could be reduced if more than 1 Installation.			£ 26	-	-			
				<hr/>			£ 157	-	-
				<hr/>					



BLEDISLOE WHARF:

ITEM. 11.

10th NOV. 1966.

The present gates and fences of wooden pickets with posts were built in 1946 as a temporary measure because of the post-war shortage of steel.

The Chief Engineer has reported that maintenance of the timber-work will soon be required. A scheme for fences and gates using galvanised tube frames covered with plastic coated wire mesh (the standard form of fencing for the wharves east of Bledisloe Wharf) supported on the existing concrete posts, has been prepared at my request and is illustrated on Drawing S.K.60/1. The estimated cost of this scheme is £2,100. I consider that the scheme for a fenceline and gates made from tubular steel framed panels covered with plastic coated wire mesh is appropriate to this area of the port. The Traffic Manager is satisfied that this method of construction will provide a satisfactory standard of security and agrees with the scheme.

I therefore recommend -

- (1) That the construction and design of the Princes Wharf main roadway gates, as shown on Drawing E.1150/1 be approved, and
- (2) That the proposal to replace the existing wooden fences and gates at Bledisloe Wharf with tubular steel and wire mesh panels at an estimated cost of £2,100 as illustrated on Drawing S.K.60/1, be approved, subject to the priority for this work being considered at the half yearly review of the Programme of Works.

R.T. Lorimer,  
GENERAL MANAGER. *Lm*



EXTRACT FROM MINUTES

WORKS & TRAFFIC COMMITTEE,

15th NOV 1966.

11. WHARF GATES AND FENCES

The report of the General Manager referred to proposals submitted by the Chief Engineer to replace the present heavy gates at Princes Wharf with those of a lighter construction, at an estimated cost of £900, and also to replace the existing Bledisloe Wharf gates and fences of wooden pickets with tubular steel and wire mesh panels at an estimated cost of £2,100.

ADOPTED BY BOARD

22 NOV 1966



9th. November, 1966

THE CHIEF ENGINEER

THE GENERAL MANAGER.BLEDISLOE WHARF - GATES AND FENCES.

The present gates and fences with concrete posts, hardwood rails and treated pine pickets was built in that form in 1946 due to the post war shortage of steel products. This was considered to be a temporary measure the form and material not being compatible with that of the Cargo Shed and appurtenances on the wharf.

While the system has performed satisfactorily for twenty years, some maintenance to timberwork is imminent and it seems appropriate to consider improvements in keeping with the standard of gates and fences elsewhere in the Port Area.

The existing concrete posts have considerable further life and could be used with replacement tube frames for fence panels and gates to provide a much improved form. Two forms could be considered :

- (a) Tube frames covered with plastic covered wire mesh which is the standard for the eastern waterfront.
- (b) Tube frames with vertical bars retaining the form of the old port fences and somewhat similar to that proposed for replacement gates at Princes Wharf.

Estimates of cost would be Form (a) £2,100. and  
Form (b) £2,500.

Form (b) could have the appearance of more substance and cleaner form, and in this regard would be preferable.

CHIEF ENGINEER TO THE BOARD.

ENCL :  
Drawings.

NS:NG



File

Date, 8. 11. 66 19

Bledisloe Wharf. Gates & Screens.

DETAILS	Quantity	Item	Rate	£	s.	d.	£	s.	d.
Extend to concrete pedestal system using six concrete posts, and									
A. Panels & Gates of C.W.I. hake and plaster mesh.									
Demolish existing fence				200	-	-			
Strengthen & repair concrete posts				100	-	-	300	-	-
Three Panels.	20	No		45	-	-	900	-	-
Gate Leaf	12	No		55	-	-	660	-	-
							1860	-	-
							196	-	-
							<u>£2056</u>		

say £2100.

B. Panels & Gates of RWS  
panels etc.

Cost of plasterwork off  
of panels as before

Gate clear & paint.

1860 - -

400 - -

2260 - -

+ 10%

226 - -

£2486 - -

say £2500.

Reps. Barclays Estimate.

AB



23rd November, 1961.

THE CHIEF ENGINEER

THE GENERAL MANAGER

FIRE - BLEDISLOE WHARF.

Refer Traffic Manager's memo 21.11.61

With reference to the fire which occurred in a fender pile and support on west side of Bledisloe Wharf at 12.30 a.m. on 21st November, 1961, the damage has been inspected by the Foreman Wharf Carpenter.

The pile in question, a section of waling and two timber chocks are badly burned and will have to be replaced at an estimated cost of approximately £250. 0. 0.

Repairs are being carried out and the cost will be debited to the Board's Fire Insurance Fund.

CHIEF ENGINEER TO THE BOARD

WJT:HEW



AUCKLAND HARBOUR BOARD

20903

MEMORANDUM

FROM

FOREMAN OF WORKS

SIR,

I beg to report that

To

*The Engineer*

*21st November*

1961.

Re - Damage to Dredger Win Fender by Fire

*Attached please find report from Mr. J. Fenayth,  
Foreman Ashes, Auckland, with reference to the above subject,  
which is self-explanatory.*

*W. J. Wheeler*

FOREMAN OF WORKS



## Fire Damage to Bledisloe Wharf.

On Monday the 20th November at Bledisloe Wharf, west side, at the 200 foot mark a cigarette caused a fire between a pile and the top walking badly burning 2 chocks, 1 pile and the walking. All this damage will have to be replaced with new timber. The approximate cost will be £250.



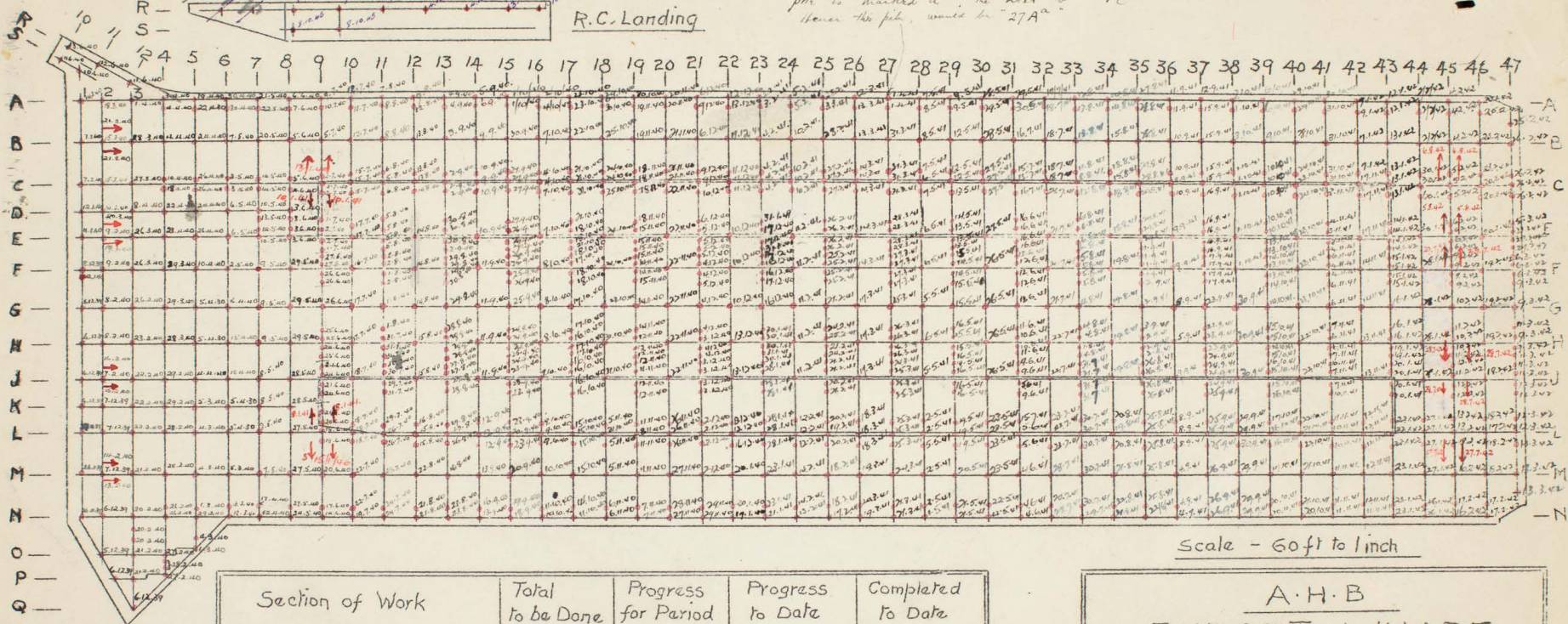
21-11-61.





W. Side of Wharf.

When piles are driven in groups the most westerly pile is marked as the next to be driven. Hence this pile would be 27A.



Section of Work	Total to be Done	Progress for Period	Progress to Date	Completed to Date
Bearer Piles Driven	1055			%
Falsework Erected	sq ft 147,450			%
Falsework Stripped	sq ft 147,450			%
Deck Concrete	sq ft 147,450			%
Concrete Deposited	yds <sup>3</sup> 8,100			%
Raker Piles Driven	28			%
Fender Piles Driven	243			%

A.H.B.

## EXPORT WHARF

### PROGRESS PLAN

FOR \_\_\_\_\_ ENDING \_\_\_\_\_ 19\_\_

Date \_\_\_\_\_

Resident Engineer

Seen \_\_\_\_\_

Date \_\_\_\_\_



Auckland Harbour Board

Nº 17217

**INSTRUCTIONS TO FOREMEN & INSPECTORS**

ENGINEER'S OFFICE,

To Mr. J.R. Sutton,

Date 11th. August. 1948.

Subject EXPORT WHARF GATES & FENCES C/A

Herewith 3 copies of plan A 459/2 giving position and details of gates and fences. Please construct same.

Hardwood may be obtainable from Stocks: pinus insignis pickets should be ordered as 1st. quality wellmanised or pressure creosoted.

-----

*W. L. Vickerman*

Engineer to the Board. *[Signature]*



**INSTRUCTIONS TO FOREMEN & INSPECTORS**

ENGINEER'S OFFICE,

To Mr. J.R. Sutton,  
Resident Engineer, Export Wharf. Date 12th March, 1947.

Subject EXPORT WHARF SERVICES.

Herewith two black on white cloth prints of Approaches to Export Wharf showing drainage pipes, water services and some pipes belonging to Auckland Farmers Freezing Co.

Please record on plans, one for your own reference and one for Drawing Office files, all services, (either pipes or cables) laid underground in this area, with an indication of level of top of conduit if possible. It is suggested that distinguishing colours be used for various services.

Please note on your copy of A.459/1 an additional drain for three western turnouts to wharf, near apron slab as shown on prints herewith.

NLV  
Engineer to the Board.



NPA

Auckland Harbour Board

Nº 16045

**INSTRUCTIONS TO FOREMEN & INSPECTORS**

ENGINEER'S OFFICE,

To Mr. J. R. Sutton, Date 27th January, 19 47.  
Resident Engineer, Export Wharf.  
Subject WATER SUPPLY - EXPORT WHARF.

Herewith two copies of plan A 461/3 - amended in relation to connection with ACC. Main in King's Wharf Approach and showing another connection about 200 feet to the East, as approved by City Waterworks Engineer.

Please arrange for necessary 6" on 9" C.I. Gibault tee to be detained - pipes on hand can probably be altered to suit new connections. Advise Foreman Plumber and issue one plan to him.

NKV /

Acting Engineer to the Board.



CITY OF AUCKLAND

TOWN HALL, AUCKLAND, C.1

17th January, 1947.

The Acting Engineer,  
The Auckland Harbour Board,  
Quay Street,  
AUCKLAND.

Dear Sir,

RE WATER SUPPLY : EXPORT  
WHARF:

Further to your letter of the 6th January, 1947, the revised lay-out appears to be quite satisfactory.

I understand that you will let us know in the near future when you are ready for the connections to be made, and the work will be put in hand immediately.

Yours faithfully,



A.D. MEAD, B.E.  
WATERWORKS ENGINEER.

*MS:*



6th January, 1947.

The Waterworks Engineer,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C. 1.

Dear Sir,

WATER SUPPLY - EXPORT WHARF.

Further to Mr. Angus' interview with you on 23rd ultimo, I now submit revised copy of plan A461/3 showing two connections of your mains to the Board's new 9" Fibrolite Main running from King's Wharf Approach eastward to the Export Wharf.

This will serve as a balancing main in substitution for your existing 5" pipe part of which has already been removed.

The concrete paving of King's Wharf Approach roadway under and adjacent to new railway tracks to Export Wharf has to be relaid at a lower level than formerly and this will involve lowering your main from new Y junction to the meter pit. The pipe itself is not too high but tops of valve spindles as existing are about 3 inches above new road levels. At the same time the new connection should be laid as far as our 6 inch valve on the 5ft. footpath.

Will you please confirm that the layout shown is satisfactory and if so will you please arrange for the necessary work at the King's Wharf end to be done immediately as railway track work is advanced nearly up to your main.

Yours faithfully,

NLV:EEEB.  
Encl.

ACTING ENGINEER TO THE BOARD.



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31st October, 1946.

Mr. A. D. Mead,  
Waterworks Engineer,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C. I.

Dear Sir,

WATER SUPPLY - EXPORT WHARF.

I forward herewith, as arranged, prints of  
A461/1 & 3 showing layout of water mains at Export  
Wharf and its approaches.

Yours faithfully,

DH: EERB.  
ENCL.

SUPERINTENDENT & ENGINEER.



15th July, 46.

THE TRAFFIC MANAGER.

WATER SUPPLY, EXPORT WHARF (WESTERN SIDE).

Please note that installation of the permanent water service on the western side of Export Wharf has now been completed, and a 6" Davies Sheppard meter, No.49226, was installed on the 10th July, 1946.

*(201 Report  
in file No. 706)*

Reading - Zero.

DH:EERB.

SUPERINTENDENT & ENGINEER.



27th. August, 45.

THE TRAFFIC MANAGER.

WATER SUPPLY, EXPORT WHARF (EASTERN SIDE).

Please note that installation of the permanent water service on the eastern side of Export Wharf has now been completed, and a 6" Davies Sheppard meter, No.49225, was installed on the 13th. June, 1945.

Reading - zero.

*(20.8.45  
in file no. 106)*

SUPERINTENDENT & ENGINEER.



Auckland Harbour Board

NLV

Nº 14935

**INSTRUCTIONS TO FOREMEN & INSPECTORS**

ENGINEER'S OFFICE,

To Mr. S. Edwards, Date 28th July, 19 45.  
Chief Electrician.  
Subject EXPORT WHARF.

The Harbourmaster requires the denoting lights and a white light on each outer corner of the shed to be provided immediately.

If there is any delay in fixing the permanent lights, please provide temporary ones in the meantime.

-----  
DAI  
Engineer to the Board.



19th July, 1945.

The Manager,  
Auckland Electric-Power Board,  
Queen Street,  
AUCKLAND, C.1.

Dear Sir,

EXPORT WHARF

Will you please disconnect the temporary A.C. service to this wharf.

This is not now required, and the lines are in the way of completion of the shed.

Yours faithfully,

SUPERINTENDENT & ENGINEER.

DH: AML.



4th May, 1945.

The Waterworks Engineer,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C.I.

Dear Sir,

WATER CONNECTION TO EXPORT WHARF

Attached please find completed application form for the connection of the permanent water service for Export Wharf.

The Board has laid its 6" pipes to the boundary at the North end of Tinley Street and has installed its own meter.

It would be appreciated if this connection could be made as soon as possible.

Yours faithfully,

SUPERINTENDENT & ENGINEER.



# Auckland Harbour Board.

## MEMORANDUM

From

Resident Engineer  
Expos Wharf

3rd April 1915

To

THE ENGINEER

### Patrol of works under construction.

On Saturday 31-3-15, while embarking on a vehicular boat it was noticed that several children and youths were playing with falsework pile sides in the sea. Some falsework had floated beyond their reach. One enterprising youth with hammer and nails was apparently constructing a raft of two or three pile sides. According to the captain of the vehicular boat this sort of thing occurs every week-end.

Could it be arranged for a uniformed patrol from Traffic or Harbour Dept. to pay an occasional visit to this site during the week-end. It is a large area, unfenced, and it seems that we require some protection other than the present notices re removal of timber from the site. The pile sides are work in the vicinity of A each, and several thousand super ft. of board timber are stacked at the site.

At Expos Wharf (Inds. 14379) a fence was erected across the base of the wharf to enable the Traffic Dept. to control access to the wharf, but as far as I know it has not yet been used. During the past weekend one of the window panes at A end of shed was broken - apparently by someone throwing a rivet through it. While this in itself is a relatively small matter, there is always a danger that instead of one pane, several hundred might be broken.

The Electricians report that on several occasions lately a few electric light bulbs have been deliberately broken.

Especially since the wharf is now in use for ships refitting and under repair, and for storage of wood, it would be desirable to have adequate



# Auckland Harbour Board.

## MEMORANDUM

From

19

To

THE ENGINEER

(2)

protection after working hours as per Inst. 14379.

Another matter in a slightly different category - while returning in vehicular boats to the Eastern slip at night it has frequently been noticed that each side of the vehicular slip is lined with persons fishing - standing on the top walk of the slip and on the adjacent dolphins - perhaps because the bright lights may attract fish. It seems that, should the boat make a poor attempt at entering the slip, this is a practice which might well prove dangerous.

J. Dutton



NLV  
Auckland Harbour Board

Nº 14379

INSTRUCTIONS TO FOREMEN & INSPECTORS

ENGINEER'S OFFICE,

To Mr. J. R. Sutton, Resident  
Engineer, Export Wharf.

Date 6th December, 1944.

Subject EXPORT WHARF.

Provide temporary fence and gate at a convenient position at base of wharf.

The Traffic Manager will then arrange for supervision after working hours.

—————  
DA / [initials]  
Engineer to the Board.



**INSTRUCTIONS TO FOREMEN & INSPECTORS**

ENGINEER'S OFFICE,

To Foreman of Works. Date 12th August, 19 43.

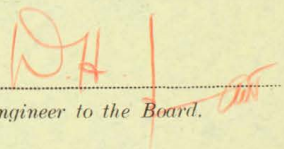
Subject EXPORT WHARF LAVATORIES.

Herewith copies of plans A.480/2 and 3 giving details of Public Lavatories on 3 floors of Export Wharf Shed.

On ground floor and roof there is a lavatory on both sides of wharf, on first floor, lavatory on east side only.

Please order material for all plumbing and drainage work, viz, lavatory pans, cisterns, flushing pipes in galv. wrought iron, C.I. waste pipes and specials, water service pipes and fittings and other things necessary. Carry out plumbing work in co-operation with Mr. Sutton as he completes the concrete work. The water service for lavatories on all floors on one side of the shed will be coupled together and fed through a 1½" meter conveniently situated within the ground floor lavatory from 3" supply near the lavatory - meters are in stock.

Obtain necessary timber and construct lavatory doors, door frames and finishings, also louvres.

  
Engineer to the Board.



- C O P Y -

P.O. Box, 1708,  
WELLINGTON.

6th. April, 1942.

Mr. D. Holderness,  
Superintendent & Engineer,  
Auckland Harbour Board,  
AUCKLAND, C.I.

Dear Sir,

I received your letter of the 2nd. instant regarding cement supplies.

Fortunately I have been able to arrange for 5,000 tons of cement from Australia which has just landed in Wellington, and this will permit of such works as the Export Wharf proceeding. I therefore attach herewith letter which you can hand to the Public Works District Engineer who will see that 45 tons per week are made available.

The position should be back to normal by the end of July when your total requirements can then be met.

Yours faithfully,

(Sgd.) James Fletcher.

Commissioner of Defence Construction.

MR. TAYLOR'S NOTE:

Letter to District Engineer, P.W.D., which was attached to this letter handed to P.W.D. on 8.4.42 and permit for 45 tons of cement obtained and handed to Purchasing Officer.

It will be necessary for Purchasing Officer to make weekly application to P.W.D. for further permits for the 45 tons per week and he has been advised accordingly.

A.N.T.  
8.4.1942.



COPY

SEE ALSO SECRETARY'S FILE

2nd April, 1942.

Commissioner of Defence Construction,  
WELLINGTON, C.I.

Dear Sir,

EXPORT WHARF.

The Export Wharf under construction by the Auckland Harbour Board for the purpose of the more economic, rapid and sanitary handling of New Zealand produce for export has, up to now, received priority in the supply of materials and equipment.

In conformity with the Building Construction Control Notice No.9, which appears in the New Zealand Gazette No.30, dated 19th March, 1942, application was made through the District Engineer, Public Works Department, for authority to obtain the requisite supplies of cement to continue construction of this work. A permit was issued by him for the supply of 50 tons required to keep the work going to the end of this week, but in the same request it was pointed out that the further prosecution of the work required a supply of 45 tons per week.

On enquiry from the District Engineer, Public Works Department I now learn that the further issue requires decision by you and I shall be glad to know whether cement will be available to continue. An immediate decision is requested as further supplies should be available on Tuesday next the 7th instant, to ensure continuity.

Yours faithfully,

DH.OM

SUPERINTENDENT & ENGINEER.



COPY

SEE ALSO SECRETARY'S FILE

23rd March, 1942.

The District Engineer,  
Public Works Department,  
AUCKLAND, C.1.

Dear Sir,

CEMENT.

The notification that cement supplies for all works other than immediate defence works is to cease will involve the immediate closing down of the Export Wharf construction work as well as other less important harbour works.

The Export Wharf has been regarded by the Government in all respects as an urgent national undertaking and in the matter of supplies it has been granted defence priority throughout. To enable this work to be proceeded with, the supply of 45 tons of cement per week is required and our immediate requirements to prevent stoppage are 25 tons, to be followed by a further 25 tons no later than Monday the 30th.

I should be glad to know whether or not this work is to be kept going and if so I would like authority for the immediate requirements outlined above.

Yours faithfully,

SUPERINTENDENT & ENGINEER.



CEMENT REQUIREMENTS FOR EXPORT WHARF WORKS FROM MARCH, 1942.

Wharf superstructure	per 15' bay X 205' wide	uses	50 tons
Shed - 1st floor	per 30' " X 140' "	"	60 "
Roof	per 30' " X 120' "	"	50 "

Rate of construction since July, 1941:

Wharf superstructure	1 - 15' bay in 2.42 weeks	=	0.42 bay per week
Shed - 1st floor	1 - 30' bay in 2.5 weeks	=	0.4 bay per week
Roof	will be at same rate		0.4 bay per week

Cement required per week:

Wharf Superstructure	50 tons X 0.42	=	21 tons per week
Shed - 1st floor	60 " X 0.4	=	24 " " "
Roof	50 " X 0.4	=	20 " " "

4 bays of wharf still to do will take 9 weeks in which time  
3 - 30' bays of roof should be done.

7 bays of 1st floor still to do will take 17 weeks in which time  
7 - bays of roof should be done, leaving 7 bays to complete  
shed, which will take 17 weeks.

Cement required:

March April May (9 weeks)

To keep wharf Super. and Shed Roof going together -  
41 tons per week.

June to September (17 weeks)

To keep Shed 1st floor and roof going together -  
45 tons per week.

*Basis of request  
for cement permit.*

Oct/42 to Feb/43 (17 weeks)

To complete Shed Roof plus incidentals - 25 tons per week.  
(about middle of February 1943)

NOTE:

To better this programme of shed construction  
will require another 30' bay of roof falsework  
to be made up:

at rate of 0.5 bay per week, will take 34 weeks  
from April to end of December, 1942.

*Noted.  
and of the above  
for 45 tons per week  
lodged.*

*Klie P. Angwa.*  
24/3/42



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14th. June, 1941.

Mr. A.N. Breckon,  
Waimana Avenue,  
NORTHCOTE.

Dear Sir,

I am willing to allow you to take progress photographs of the Export Wharf now under construction, subject to you referring to the Resident Engineer, Mr. Sutton, before any photographs are taken.

Yours truly,

SUPERINTENDENT & ENGINEER.



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# Auckland Harbour Board.

## Memorandum.

Auckland, N. Z.

13th. May, 1941.

The Superintendent & Engineer,  
A. H. B.

Sir,

For your information I enclose herewith copy of arrangements for lighting of the new Export Wharf now under construction, for which Notice to Mariners will be issued shortly.

Yours faithfully,

*A. H. Sequeira.*

*Instructions have been issued to the Captain as this*

*dit 13/5/41*

*H.S. IMH.*  
*14.5.41*

Master.

AUCKLAND HARBOUR BOARD.

H Secretary's Office, Quay Street, C.I., May 14, 1941

NEW EXPORT WHARF.

Notice is hereby given that the new Export Wharf, now under construction, extends out into the harbour approximately 450 feet from the Breastwork eastward of the King's Wharf, and that this length will be increasing steadily in the future until the wharf is completed.

During the course of construction a fixed White Light will be exhibited on the North-east corner and a Fixed White Light on the north-west corner of this wharf. Should, however, the pile-drivers be working on the end of the wharf, a Fixed White Light will be exhibited on the seaward side of each pile-driver in lieu of the lights on the corners.

W. B. SMITH.  
Secretary.





## Auckland Harbour Board.

Memorandum.

*Auckland, N. Z.*

C O P Y .

13th. May, 1941.

The Secretary,  
A. H. B.

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Sir,

I beg to inform you that the new Export Wharf, now under construction, extends out into the Harbour approximately 450 ft. from the breastwork Eastward of the King's Wharf, and this length will be increasing steadily in the future until the Wharf is completed.

During the course of construction a fixed white light will be exhibited on the North-East corner and a fixed white light on the North-West corner of the Wharf.

Should, however, the piledrivers be working on the end of the Wharf, a fixed white light will be exhibited on the seaward side of each piledriver in lieu of the lights on the corners.

I shall be obliged if you will notify the Marine Department, and have notices inserted in the local press accordingly.

Yours faithfully,

(Signed) H.H. SERGEANT

Harbour Master.



Auckland Harbour Board

No 10622

INSTRUCTIONS TO FOREMEN & INSPECTORS

ENGINEER'S OFFICE,

To Mr. J.R. Suttan.

Date 13th May, 1941.

Subject EXPORT WHARF - DENOTING LIGHTS.

The Harbourmaster requires a white light to be shown from N.E. and N.W. corners of the wharf except when the pile driver is moored at the end of the wharf and is showing the necessary light.

Please have this attended to.

*DH*  
.....  
Engineer to the Board





*Town Hall*  
*Auckland. C.I.N.Z.*

26th June, 1940.

The Superintendent & Engineer,  
Auckland Harbour Board,  
P. O. Box 1259,  
AUCKLAND.

Dear Sir,

I have to acknowledge receipt of your letter of the 18th instant advising that as from and including the 17th June the water supplied to the convenience installed by the Auckland Farmers' Freezing Co., Ltd. in Allenwood Street is to be charged to the Auckland Harbour Board.

In reply thereto I have to inform you that arrangements have been made accordingly.

Yours faithfully,

*WJ*  
*25.6.40*

*James Melling*  
TOWN CLERK.





*Town Hall*  
*Auckland. C.I.N.Z.*

NH: AUCKLAND HARBOUR BOARD 25th June, 1940.

RECD 26. JUN. 1940
ACKGD
WSD <i>Angus</i>

The Secretary,  
Auckland Harbour Board,  
AUCKLAND. C.I.

Dear Sir,-

I have to advise you that I am in receipt of a memorandum from the Works Superintendent of the Auckland Farmers Freezing Co. in connection with the temporary conveniences erected by them in Allenby Street for the contractors' use during the erection of the new storage building, and stating that as this contract is now complete, the conveniences are being used by the Auckland Harbour Board for the employees on the new export wharf.

I would point out that I have no objection to the building remaining as a temporary convenience on the understanding that the obstruction on the footpath is lit up at night and kept clean, and that the building is removed at the end of twelve months or at the completion of the export wharf.

Yours faithfully,

M.Inst.M. & Cy.E.  
City Engineer.

*W.S.*  
*26.6.40*



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18th. June, 1940.

The Town Clerk,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C.I.

Dear Sir,

Please note that the Auckland Farmers' Freezing Co. Ltd. have agreed to allow the Auckland Harbour Board to use the temporary W.C. accommodation installed by them in Allenwood Street for use during the construction of their new building.

The temporary lavatory will in future be used by the Board's employees during the construction of the Export Wharf, and, as from and including 17th. instant all charges for water supplied to this convenience should be rendered to the Auckland Harbour Board.

Yours truly,

SUPERINTENDENT & ENGINEER.



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- C O P Y -

AUCKLAND HARBOUR BOARD.

No. 9834.

INSTRUCTIONS TO FOREMEN AND INSPECTORS.

17th. June, 1940.

Foreman of Works.

TEMPORARY LAVATORY ACCOMMODATION

ALLENWOOD STREET.

Please note that the Auckland Farmers' Freezing Co.Ltd. have agreed to allow Mr. Sutton's men to continue to use the temporary W.C. accommodation installed by them in Allenwood Street for their use during the construction of their new building.

The Auckland City Council have been notified that the Board will be responsible for payment for water consumed in the W.C.'s. as from and including to-day, 17th. inst.

Please instruct the plumber that check readings of the meter are to be made when accounts are received.

D. Holderness,  
ENGINEER TO THE BOARD,  
per A.N.T.



- C O P Y -

AUCKLAND HARBOUR BOARD.

No. 9833.

INSTRUCTIONS TO FOREMEN AND INSPECTORS.

17th. June, 1940.

Mr. J. R. Sutton.

TEMPORARY LAVATORY ACCOMMODATION

ALLENWOOD ST.

Please note that the Auckland Farmers' Freezing Co.Ltd. have agreed to allow your men to continue to use the temporary W.C. accommodation installed by them in Allenwood Street for their use during the construction of their new building.

On completion of the Export Wharf and ancillary works, all fittings are to be returned to the Farmers' Freezing Co.Ltd.

The Auckland City Council have been notified that the Board will be responsible for payment for the water used in the W.C's. as from and including to-day, 17th. inst.

D. Holderness,  
ENGINEER TO THE BOARD.  
per A.N.T.



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- C O P Y -

AUCKLAND HARBOUR BOARD.

No. 9601.

INSTRUCTIONS TO FOREMEN AND INSPECTORS.

11th. March, 1940.

Foreman of Works.

EXPORT WHARF.

Please make coaming angles for wharf in accordance with A.457/9 herewith.

The wharf coamings only are required first, the apron slab coamings not being required for a considerable time.

D. Holderness,  
ENGINEER TO THE BOARD.  
per A.N.T.



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- C O P Y. -

AUCKLAND HARBOUR BOARD.

No.9372.

INSTRUCTIONS TO FOREMEN AND INSPECTORS.

15th. December, 1939.

Mr. J.R. Sutton.

EXPORT WHARF - PILE 1/F.

With reference to your daily reports No.4428 for Friday 8th., and No.4429/30 for Monday, 11th. December, it is probable that pile No.1/F. is badly damaged at some point well below the ground line, and an extra pile is to be driven close alongside either to the east or west, the two piles to be bonded together into the main girder.

D. Holderness.

ENGINEER TO THE BOARD.

per: A.N.T.



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- C O P Y -

AUCKLAND HARBOUR BOARD.

No. 9238.

INSTRUCTIONS TO FOREMEN AND INSPECTORS.

26th. October, 1939.

The Electrician.

LOAN A/C. NO. 18 - EXPORT WHARF.

Herewith preliminary plans and section showing general arrangement of Export Wharf.

Look into the question of the most satisfactory layout of electrical circuits for servicing lighting, quayside cranes, overhead travelling cranes, conveyors, etc.

Keep in close touch with this office re all details.

D. Holderness  
ENGINEER TO THE BOARD.  
per A.N.T.

3rd. July, 1939.

The Collector of Customs,  
P.O. Box 29,  
AUCKLAND. C.1.

Dear Sir,

In reply to your letter, No. I.C.R.139, of  
17th. ulto. I enclose herewith print showing the  
principal types of machinery and equipment required  
for the Export Wharf and referred to in my letters  
of 8th. and 31st. May.

Yours faithfully,

Superintendent.

DH/MJB.

Print.



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31st May, 1939.

The Collector of Customs,  
P.O. Box 29,  
AUCKLAND. C.1.

Dear Sir,

Your letter of 26th instant stating that licenses will be granted to import the steel required for the Export Wharf now in course of construction has been received.

It is presumed that this authority is intended to cover the other items referred to in my enquiry of 8th instant, but I shall be glad of your assurance on this point.

Yours faithfully,

Superintendent.

DH.MIJ



8th May, 1939.

The Collector of Customs,  
AUCKLAND. C.1.

Dear Sir,

Recent press references indicate that additional restrictions have been or are likely to be imposed by the Government on the importation of steel for the erection of buildings.

In the N.Z. Herald of 4th instant the Prime Minister, Mr. Savage, is reported as having stated - "I would suggest to firms or other people concerned, that before calling for tenders or otherwise incurring expense, a written enquiry should be addressed to the Collector of Customs, to whom application for a license to import steel would be made."

The Auckland Harbour Board is at present involved in the construction and equipment of an Export Wharf, estimated to cost £483,000 for which large amounts of steel will be required from time to time.

Approximately 1,000 tons of steel was purchased recently, and is on hand and being used, as the first instalment, but if the work is to proceed uninterruptedly additional large quantities both of reinforcing steel, railway rails, structural steel and machinery will be required.

A very rough indication of further requirements in this respect is as under:-

	approx. value
Reinforcing steel, say 1500 tons	£17,000
Railway rails & structural steel say 500 tons	8,000
Machinery, conveyors, cranes etc.	100,000

The average rate of expenditure on all sections of the work including the purchase of materials, payment for labour etc. is and will continue until completion of the work at from £20,000 to £25,000 per month, but if there is any likelihood of essential supplies being stopped during the progress of the work, it will be necessary for the Board to consider now whether it will continue with the work or close down and discharge all hands engaged upon it.

Your assurance that essential supplies from overseas for this work will be admitted is urgently required.

Yours faithfully,

Superintendent.

DH.MIJ



# Auckland Harbour Board.

MEMORANDUM

From

162/4

Mr. J. Angus

Drawing Office

To

20<sup>th</sup> June

1939

Assistant

THE ENGINEER

## EXPORT WHARF - Concrete Quantities.

Piles: (Total No. 1084. 53,620 lin. ft. = 10.15 miles.) 5,500 yds<sup>3</sup>.

<u>Superstructure:</u>	Beams & Guides	Slabs	Total.	
Landing	41	70	111	
Inshore end to Row 9.	548	946	1494	
Wharf. Rows 9-47.	2499	3426	5925	
Total	3088	4442	7530	
2% extra on Slabs.		88	88	
	3088	4530	7618	<u>7,620 yds<sup>3</sup></u>

<u>Shed:</u>	Columns.	Brq.	Slabs	Total.	
1 <sup>st</sup> floor.	204	1382	1984	3570	
2 <sup>nd</sup> floor.	162	876	1334	2372	
Total	366	2258	3318	5942	
2% extra on Slabs.			66	66	
	366	2258	3384	6008	
See beams, panels, parapets. Ends.				350	<u>6,360 yds<sup>3</sup>.</u>

TOTAL. 19,480 yds<sup>3</sup>.

Wharf Superstructure wearing Surface

700' x 205' x 2" thick in steel chip concrete 900 yds<sup>3</sup>

nett Shingle Concrete 18,600 yds<sup>3</sup>.

Estimate of Shingle Required.

by increase of 1/9" (11%) • 20,600 yds<sup>3</sup>  
 " " " 1/8" (12 1/2%) • 20,900 yds<sup>3</sup>  
 Say 21,000 yds<sup>3</sup>



Copy

THE AUCKLAND ELECTRIC-POWER BOARD  
AGREEMENT AND TERMS AND CONDITIONS OF SUPPLY. Ref. No.

FOR OFFICE USE ONLY.

Date .....  
Deposit .....  
Polarity .....  
Service .....  
Test .....  
Meter Fixed .....  
Meter No. ....  
Wattage Test .....  
Date Connected .....

GUARANTEED BY:—

Name in full AUCKLAND HARBOUR BOARD.  
Address where  
Supply required Export Wharf } Temporary Service  
Allenby Street. }  
Is Electric Hot Water Service Installed? .....  
" " " " " to be connected? .....  
Description of Premises Wharf Construction Plant  
Date Supply required 24th. April 1939  
Name of Wiring Contractor Auckland Harbour Board Staff  
" " Builder (if any) .....

SCHEDULE OF REQUIREMENTS.

LIGHTING	POWER	WATER HEATING
10 Amp. 230 V.	144½ H.P.	

TO THE AUCKLAND ELECTRIC-POWER BOARD,—  
I/We AUCKLAND HARBOUR BOARD, the undersigned, of Quay Street,  
AUCKLAND, (present full address) hereby make application for a supply of  
electricity to the above-mentioned premises and agree to take the supply and pay for same in and subject to the terms and conditions  
of supply as contained in the Auckland Electric-Power Board By-Law No. 2 relating to electric supply which shall be deemed to be  
incorporated herewith and form part of this agreement.

Date 21st. April, 1939.

Signature.....

If an owner of Property in Board's area, state location.....  
If previously on Supply, state where and when.....





*Town Hall*  
*Auckland, C.I., N.Z.*

*Recd. 15.9.38.*

14th September 1938.

Superintendent & Engineer,  
Auckland Harbour Board,  
P.O. Box 1259,  
AUCKLAND.

Dear Sir,

In reply to your letter dated 12th instant, I find that the 5-inch main in Allenby Street has already been extended as far as the point required to supply the Farmers' Freezing Co.

Would you kindly advise me when the Export wharf is likely to be ready for use, and I shall make provision for carrying a larger main to the wharf as desired. In the meantime, if you would kindly complete and return the enclosed application form, I shall have a 3-inch connection provided for your construction work.

Yours faithfully

*A. D. Mead* B.E.

Waterworks Engineer.

*17.9.38*



AUCKLAND HARBOUR BOARD  
MEMORANDUM

Nº 3004

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From

FOREMAN OF WORKS

Water Service

To

The Engineer  
A.H.B.

March 22 1939

SIR,

I beg to report that

Water meter (No Number) 1-3" Guesst & Co's  
installed on 20<sup>th</sup> March 1939 at Breakfast E. of King  
(Plummer Street)

W. B. Bates

FOREMAN OF WORKS



17th. September, 1938.

The Waterworks Engineer,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C.I.

Dear Sir,

I have received your letter dated 14th. instant and enclose herewith as requested application form, duly completed, for 3" Water Supply in Allenby Street for use on our construction works.

In reply to your enquiry as to when the Export Wharf is likely to be ready for use, I have to state that if our present programme of works is maintained, the wharf should be ready by about June, 1940, and I shall be glad if the existing 5" main could be replaced by a larger main by that date.

Yours truly,

SUPERINTENDENT & ENGINEER.



W M

City of Auckland

APPLICATION FOR WATER SUPPLY BY METER  
AS PER PARTICULARS BELOW

THE TOWN CLERK, AUCKLAND.

Sir,

I hereby apply to have the Water laid on to my premises, situate in Allenby Street, subject to the provisions of the Acts of Parliament and the City By-Laws relating to Water-Supply, which are now or may from time to time be in force.

The Licensed Plumber whom I intend to employ in connection with the work is Mr. C.L. Wither, Employee of Auckland Harbour Board.

Dated this Sixteenth day of September 1938.

.....  
Owner of Premises.

Address for Accounts P.O. Box, 1259, AUCKLAND, C.1.

If business premises, state number of employees.....

Particulars of Supply ---- W.Cs. (State No.) ---

3-inch.

Valuation No..... Rate Book Folio.....

Entered in Domestic Water Rate Book.....

Entered in Register of Applications.....

Advice to Water Works.....

*Inst 19/9/38  
Installd  
" Jan 1939*



12th. September, 1938.

The Waterworks Engineer,  
Auckland City Council,  
Town Hall,  
AUCKLAND, C.I.

Dear Sir,

WATER SUPPLY TO EXPORT WHARF.

When laying the water mains in Allenby Street to the Auckland Farmers' Freezing Company's new building will you please make provision for this main to feed the new Export Wharf which will require a 6-inch supply.

The accompanying plan A.452/3 shows the proposed layout of the water service.

When the breastwork from King's Wharf is completed, it is proposed to lay a 6-inch cross connection from the King's Wharf supply as an additional safeguard against possible interruption of the supply.

As these works are to be started immediately, I shall require a 3-inch supply for the construction works to the position shown on the plan.

In view of the necessity for providing a 6-inch supply to the Export Wharf, the question arises as to whether the main in Allenby Street should not be carried across King's Drive to draw direct from the 8-inch main on the southern side of that street rather than from the 5-inch branch on the northern footpath.

Yours truly,

SUPERINTENDENT & ENGINEER.



