DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Application for Authorized Use of and Move of the Reparation Equipment.

TO; Minister of Finance

From; Asahi Salt Manufacturing Co. Ltd.
No. 4450, Mitsui, Hikari City, Yamaguchi Prefecture.

Date; 7 Feb. 1950.

1. Name of Plant. Hikari Naval Arsenal.

2. Location of Plant. Mitsui, Hikari City, Yamaguchi Prefecture.

3. Name of Products planned. Salt.

4. Experience of the Production planned.
The production was commenced on Feb. 1947 with the capacity of 1339 ton Salt per year and have come down to present.

5. 1939-1949 Production.

1947	885	tons	Salt	(from	Apr.	'47	to Mar.	'48)
1948	1,022	"	"	("	"	'48	" "	'49)
1949	913	"	"	("	"	'49	" "	'50)

6. Period of desired permission.
From the date permitted to use, to the date ~~moved~~ removed or released of Reparation Equipments.

7. Scale of the Production planned by month for period on this Application.
300 tons Salt.

8. Name and Location to which products are to be delivered.
Kudamatsu Branch, Hiroshima District, Japan Monopolize Bureau.
(Nippon Senbai-Kosha, Hiroshima-Chiho-Kyoku, Kudamatsu)
(Senbai Shutchosho.
Kudamatsu City, Yamaguchi Prefecture.

9. Scale of proposed change in physical facilities.
See Annex 1.

10. Intended Expense for Authorized Use.
a. Material Expense ¥ 115,253.50
b. Labors Expense ¥ 153,364.00

11. Plan an Location to continue the Production after Reparation Removal.
a. It is expected to continue the Production after the Reparation Removal, and preparing now for it.
b. Hikari City.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Minoru Mochimaru

(Minoru Mochimaru)
Manager, Asahi Salt Mfg. Co. Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex A)

List of Facilities for Application.

Code No. 45-4

Name of Plant. Hikari Naval Arsenal.

Address of Plant. Mitsui, Hikari City, Yamaguchi Prefecture.

Machinery

Inv. No.	Name of Machine	Brief Specification	Quantity	Remarks
45-4				
- 105	Lathe, gap (accessory motor only)	7.5 KW	1	
- 403	Pump, turbine (accessory motor only)	40 HP	1	
- 633	Motor	5 HP	1	
-1945	Milling Machine, thread cutting (accessory motor only)	3 HP	1	
-2430	Pump, centrifugal	capacity 3570 lr/min.	1	motor missing
-2761	Boiler, smoke tube (accessory worthington pump only)	capacity 6.7 ft³/min.	1	
-2950	Pump, turbine	capacity 2550 lr/min.	1	motor missing
-3289	" "	capacity 4250 lr/min.	1	with motor 50 HP
-3687	Motor	7.5 HP	1	
-3690	"	20 KW	1	
-4293	"	3 HP	1	
-4294	"	3 HP	1	
-4295	"	3 HP	1	
-4296	"	3 HP	1	
-4297	"	3 HP	1	
-4298	"	3 HP	1	
-4299	"	2 HP	1	
-4301	"	2 HP	1	
-4302	"	2 HP	1	
-4303	"	10 KW	1	
-4304	"	11 KW	1	
-4305	Pump, centrifugal	capacity 0.23 m³/min.	1	
-4306	" "	"	1	
-4307	" "	capacity 0.2 m³/min.	1	
-4712	Motor, induction	7.5 HP	1	case broken

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Machinery Inv. No.	Name of Machine	Brief Specification	Quantity	Remarks
45-4 5305	Chimney	Dia of Top 2250 mm Dia of Bottom 3680 mm Hight 49775 mm	1	

Total 26

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

45-4
Sec. II

Hikari Property Custodian Branch,
Hiroshima Finance Office.

8 Feb., 1950.

TO; Chief of Hiroshima Finance Office.

SUBJECT; Application for Authorization Use of Reparation Equipment.

We submit our opinion regarding the application for heading subject, applied by Takeda Pharmaceutical Industries Co. Ltd., enclosed herewith.

T. Nakata

(Tyoji Nakata)
Chief, Hikari Property Custodian Branch, Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1)

The opinion regarding the application for Authorization Use of Reparation Equipment applied by Takeda Pharmaceutical Industries Co. Ltd.

We received the application for Authorization Use of 23 Reparation Machines, applied by Takeda Pharmaceutical Industries Co. Ltd., enclosed herewith.

Among 23 machines above stated, 8 machines were verbally permitted by Sub-Officer Gibson, Yamaguchi Civil Affairs Team, in place of cancelling 19 A. U. Machines and he said they would be communicated to G. H. Q., but they have not been authorized yet. Therefore they are beeing used under the form of verbal permission by Yamaguchi Civil Affairs Team, and at the time of inspection by Lt. Tsukahara, G. H. Q., July '49, we explained this circumstance.

Other 2 machines among the rest 5, were verbally permitted by Yamaguchi Civil Affairs Team and other 3 machines were erased by our Branch Office because of application submitted newly in this time.

As above mentioned, 20 machines among 23, were permitted at any form by Yamaguchi Civil Affairs Team and they are beeing actually used now.

We think, as for Hikari Property Custodian Branch, they would be formally authorized to use by all means.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

TAKEDA PHARMACEUTICAL INDUSTRIES, LTD.
(Takeda Yakuhin Kogyo Kabushiki Kaisha)
OSAKA

Application for Authorized use of the Reparations Equipments

To: Minister of Finance

From: Hikari Plant,
Takeda Pharmaceutical Industries, Ltd.,
Mitsui, Hikari City, Yamaguchi Prefecture.

Date: Feb. I, 1950.

I. Name of plant (Code No.): Hikari Naval Arsenal (45-4)

2. Location of plant: Mitsui, Hikari City, Yamaguchi Prefecture.

3. Name of products planned:
Diphtheria toxoid, various vaccines, diphtheria serum, Sulfathiazol (Sulzol), Vitamin BI (Metabolin), Vitamin K (Kativ), Vitamin P (Hesperin), Normosan etc.

4. Experience of the production planned:
This company was established at 1783 as the dealers of drugs, and started the manufacturing of various pharmaceuticals at 1906.

5. 1939-1945 production:
As this plant, one of many plants of our company, was established at 1946 after the permission of reconversion of a part of ex-Hikari Naval Arsenal, we have nothing to report for this period as far as this plant is concerned.

6. Period of desired permission:
From the time when this permission is granted, up to when the reparations facilities will be removed or released.

7. Scales of the production planned by month for period on this application:
There will be no productions of medicines by this application directly, as these machines are to be used as auxiliary equipment, such as supplying electricity, repairing machines & apparatus and carrying cargo and not for manufacturing XXXXXXX medicines by themselves.

8. Name and location to which products are to be delivered:
Head office at Osaka.

9. Scales of proposed change in physical facilities:
Those machines as per the attached list are indispensable for carrying on our pharmaceutical plant and it is quite difficult to obtain them from the present market. Our present plant has come from changing the facilities of Naval Arsenal so as to fit the pharmaceutical plant and by using them as auxiliary machines at the present place.

10. Intended expense for Authorized Use:
About 100,000 Yen.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

TAKEDA PHARMACEUTICAL INDUSTRIES, LTD.
(Takeda Yakuhin Kogyo Kabushiki Kaisha)
OSAKA

- Continued -

II. Plan and location to continue the production after reparations removal:

Even when the machines applied here be removed for reparations, we intend ton continue the production by all means, procuring some other machines.

Tameo NAKAMURA

Tameo Nakamura

Manager,
Hikari Plant,
Takeda Pharmaceutical Industries, Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

TAKEDA PHARMACEUTICAL
(Takeda Yakuhin Kogyo Kk
OSAKA

Code No:

Name of P

Address o

I. Machi

Inv. No.	N
28	Lathe
~~56~~	~~Horize~~
87	Shear
94	Lathe
508	Crane, travel
530	"
~~569~~	~~Crane~~
583	Crane, travel
585	"
~~1805~~	~~Shaper~~
3478	Transf
3817	"
3818	"
4326	Chimne
4515	Switch
4519	"
4520	"
4521	"
4522	"
4523	"
4524	"
4525	Battery ch
5228	Switch bo

45-4-58 Milling Machine, Horizontal Universal.
45-4-596 Shearing Machine.
45-4-1805 Shaper Horizontal.
Above 3 machines were erased by Hikari Property Custodian Branch from this application, because they are not machines formerly permitted by Yamaguchi Civil Affairs Team, but are going to be submitted newly in this time an application for autherization use.

Hikari Property Custodian Branch,
Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

TAKEDA PHARMACEUTICAL INDUSTRIES, LTD.
(Takeda Yakuhin Kogyo Kabushiki Kaisha)
OSAKA

List of Facilities for Application

Code No: 45-4

Name of Plant: Hikari Naval Arsenal

Address of Plant: Mitsui, Hikari City, Yamaguchi Prefecture.

I. Machinery

Inv. No.	Name of machine:	Brief specifications	Quantity:
28	Lathe, turret	Bed length 1550 mm. 5 HP.	I
~~36~~	~~Milling machine, horizontal universal~~	~~Size of table 1340 X 270 mm. 3 HP.~~	~~I~~
87	Shearing machine	Thickness X width - 3 X 1200 mm. 3 HP.	I
94	Lathe, gap.	Bed length 3660 mm. 7.5 HP.	I
508	Crane, overhead, traveling	Load 5 ton Span 16.9 m.	I
530	"	" "	I
~~569~~	~~Shearing machine~~	~~Plate thickness X width 8 X 2250 mm. No motor~~	~~I~~
583	Crane, overhead traveling	Load 5 ton Span 11m	I
585	" "	" " "	I
~~1805~~	~~Shaper, horizontal~~	~~Length of stroke 480 mm~~	~~I~~
3478	Trsnaformer	Single phase 400 KVA	I
3817	"	" " 150 KVA	I
3818	"	" " "	I
4326	Chimney	Mane of concrete 45 m. high	I
4515	Switch board	60C. 3 ∅ 23000V. O.C.B.600A.	I
4519	" "	" " 3500V. O.C.B.400A.	I
4520	" "	" " " "	I
4521	" "	" " " " 1200A.	I
4522	" "	" " " " 400A.	I
4523	" "	" " " " 200A.	I
4524	" "	" " " " 400A.	I
4525	Battery charging pannel	AC.220V;D.C.160V. 40A.	I
5228	Switch board	60C. 3 ∅ 3500V. OCB. 400A.	I

Total 23

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Property Custodian Branch,
Hiroshima Finance Office.

45-4
Sec. II

8, Feb., 1950.

TO; Chief of Hiroshima Finance Office.

SUBJECT; Application for Authorization Use of Reparation Equipment.

We submit our opinion regarding the application for heading subject, applied by Hikari Municipal Office as enclosed herewith.

T. Nakata

(Teyoji Nakata)
Chief, Hikari Property Custodian Branch, Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1)

The opinion regarding the application for Authorization Use of Reparation Equipment, applied by Hikari Municipal Office.

We received the application for Authorization Use of 9 Reparation Machines as enclosed herewith.

9 Machines above stated, are lifting machines locating at mooring wharf in Hikari Naval Arsenal and they were permitted by Sub-Officer Gibson, Yamaguchi Civil Affairs Team, for Shipping out of the articles released to Japanese Government and Japanese Government property, and he said they would be communicated to G. H. Q., but they have not been authorized yet. Therefore they are beeing used under the form of verbal permission by Yamaguchi Civil Affairs Team, and at the time of inspection by Lt. Tsukahara, G. H. Q., July '49, we explained this circumstance.

As for Hikari Property Custodian Branch, We think they would be formally authorized to use by all means.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari-Sho No. 185.

Application for Authorization Use of
Reparation Equipment

TO; Minister of Finance.

From; Hikari Municipal Office.
Mitsui, Hikari City, Yamaguchi Prefecture.

Date; 7th. Feb., 1950.

1. Name of Plant, Hikari Naval Arsenal. 45-4

2. Location of Plant. Mitsui, Hikari City,
Yamaguchi Prefecture.

3. Shpere of application.

Inv.No.	Name of Machine	Brief Specification	Class	Quantity	Remarks
45-4-586	Crane, overhead travelling	25 ton	1st.	1	
2737	Crane, revolving	15 ton	1st.	1	
2738	Crane, revolving	10 ton	1st.	1	
4037	Derrick	Lift 10 m.	1st.	1	
~~3513~~	Transformer	50 KVA	1st.	1	
~~3514~~	"	50 KVA	1st.	1	
3515	"	50 KVA	1st.	1	
4592	Switch gear	Size 700 x 2300 mm	1st.	1	
4594	" "	Size 1800 x 7300 mm	1st.	1	
Total				9	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

4. Outline of the purpose of using, reason and plan of enterprise.

(a) Purpose of using;
The machineries being situated on the ships mooring wharf of the ex-Hikari Naval Arsenal, previously used for lifting cargo of the Arsenal by verbal permission of the Yamaguchi Civil Affairs Team. But recently as the Authority was abolished we hereby submit this formal application.

(b) Reason;
In the future, though the City acquire the permission of temporary using of Machine, eventually, it becomes necessary for the Municipal harbour enterprise now under the consideration.

(c) Outline of enterprising plan and connection of business until now;
In the case, the ex-Naval Arsenal should be released from the reparation to the industry and commercial circle, the institution to be trandferred to the community, then estimate 2/3 of City's monthly production (some 20,000 tons) should be exported through this institution.

(d) Estimation of repairing and repairing term;
The term of repairing of institution took about one month, and required a sum of ¥ 600,000 when using was permitted by the occupation authority.

5. Limit of using;
From the date of permission to the release or removal of reparation.

6. Charge;
Owing to the reparation object, they are used only special goods stored in the arsenal, and established using charges be counted by actual using day or days.
If the enterprise transferred to the city's hand in the future they are release to the community and prepare the developement of Municipal commerce and industry.

Raizo Yamamoto

(Raizo Yamamoto)
Mayor of Hikari

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

45-4
Sec. 4

Hikari Property Custodian Branch,
Hiroshima Finance Office.

8 Feb., 1950.

TO; Chief of Hiroshima Finance Office.

SUBJECT; Application for Authorization Use of Reparation Equipment.

We submit our opinion regarding the application for heading subject applied by Hiroshima RR Division, enclosed herewith.

T. Nakata

(Toyiji Nakata)
Chief, Hikari Property Custodian Branch, Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1)

The opinion regarding the application for Authorization Use of Reparation Equipment applied by Hiroshima RR Division.

We received the application for Authorization Use of 53 Reparation Machines applied by Hiroshima RR Division, enclosed herewith.

Among 53 machines above stated, 41 machines were verbally permitted by Sub-Officer Gibson, Yamaguchi Civil Affairs Team, in place of cancelling 46 A. U. machines and he said they would be communicated to G. H. Q., but they have not been authorized yet. Therefore they are beeing used under the form of verbal permission by Yamaguchi Civil Affairs Team, and at the time of inspection by Lt. Tsukahara, G. H. Q., July '49, we explained this circumstance.

Another 12 machines were verbally permitted to use by Yamaguchi Civil Affairs Team.

As above mentioned, the all of machines were permitted at any form by Yamaguchi Civil Affairs Team, they are beeing actually used now.

As for Hikari Property Custodian Branch, we think they would be autorized to use by all means.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

APPLICATION FOR AUTHORIZED USE

AND OR REVE OF THE REPARATION EQUIPMENT

TO : Minister of Finance

FROM: Zennosuke Tamaru, Director
Hiroshima Railway Division,
Ujina-machi, Hiroshima-shi.

DATE: February 6, 1950

1. NAME OF PLANT (Code No.)
Hikari Ex-Naval Arsenal (45-4)

2. LOCATION OF PLANT
Mitsui, Hikari City, Yamaguchi Pref.

3. KIND OF PRODUCTS PLANNED
Repairs of steam engines and automobiles. Manufacturing of parts of vehicles. Supervision of machineries at Stations and Offices.

4. EXPERIENCE OF THE PRODUCTION PLANNED
Repairing of automobiles was began at a corner of the Hikari Ex-Naval Arsenal under the permission of the Eighth Army in October, 1946, with the employees, principally about 30 persons, transfered from Hatsuka Railway Workshop and Hiroshima Railway Workshop, Hiroshima Railway Division, employees of the Ex-Naval Arsenal and new employees in the vicinity, and further, in 1948, repairing of steam engines was began. At present it is operated by 600 employees.

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

5. 1939 - 1949 PRODUCTION

YEAR / CLASSIFICATION	1948	1947	1948	1949	TOTAL
Repairs of Automobile	1	97	172	118	388
Repairs of Engine	0	0	7	108	115

6. PERIOD OF DESIRED PERMISSION
From the date of permission to the date of release of the reparation or the removal.

7. SCALE OF THE PRODUCTION PLANNED BY WHICH FOR PERIOD ON THIS APPLICATION
The proposed machines are under operation at present with the authorization for use by Yamaguchi Civil Affairs Team to supplement insufficiency in manufacturing ability of machines with beginning of repairs of steam engines, 1948, and the assessed production per month in 1950 is as follows:

MONTH / CLASSIFICATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Repairs of Automobile	10	10	10	12	12	12	12	12	12	12	12	12	137
Repairs of Engine	9	8	9	18	19	20	20	20	20	20	20	20	203

8. NAME AND LOCATION TO WHICH PRODUCTS ARE TO BE DELIVERED
Japanese National Railways

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

9. SCALE OF PROPOSED CHANGE IN PHYSICAL FACILITIES

The proposed facilities are indispensable to recover and reinforce the necessary rail transportation for the economical rehabilitation in Japan and it is quite difficult to obtain such facilities out of the assigned for reparation. So that, it is desired that the abovementioned reparation machines be repaired completely and used at the same area of the shop.

10. INTENDED EXPENSE FOR AUTHORIZED USE

A. Materials needed: Cement 12 ton
Iron and Steel 1.5 ton

B. Labor expense : Repairs of machine 1,094,100.
Maintenance of machine 288,100.
Settlement of machine 497,000.
Remove of machine 1,112,900.

11. PLAN AND LOCATION TO CONTINUE THE PRODUCTION AFTER REPARATION REMOVAL

In case of removal of the proposed facilities the production will be continued with substitutes at the same area.

H. Tanaka
.....
(H. Tanaka)
Director,
Hiroshima Railway Division.

NOTE: The plan proposed is as in the attached sheets.

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

LIST OF FACILITIES FOR APPLICATION

CODE NO. : 45-4
NAME OF PLANT : Hikari Sub-Naval Arsenal
ADDRESS OF PLANT: Mitsui, Hikari City, Yamaguchi Pref.

1. Machinery

REF. NO.	NAME OF MACHINES	BRIEF SPECIFICATIONS	QUAN.	REMARKS
815	Lathe	Bed length 2500m.m wt. 30T I.H.D. AC Mother 7.5 HP	1	
900	Motor	Semi Encl. Cage type AC 50 HP Wt. 400Kg.	1	
948	"	Total Encl. Cage rotor AC 5 HP WT 80Kg.	1	
974	"	Semi Encl. Cage rotor AC 7.5 HP WT 70Kg.	1	
1031	Blower	Discharge dia. 160m.m Cap. 30m3/m.m. Wt 100Kg. I.H.D. AC 5 HP	1	
1051	Motor	Semi Encl. Cage rotor AC 10 HP. Wt 150Kg.	1	
1074	Blower	Discharge dia 175m.m Cap. 30m3/m.m Wt 100Kg	1	
1099	Transformer	50 K.V.A Wt 100Kg. PV 3300V SV 220V, 110V	1	
1100	"	"	1	
1101	"	"	1	
1116	Dynamo Compound	D.C. cap. 20 K.W Wt. 1ton	1	

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

ENGG NO.	NAME OF MACHINE	BRIEF SPECIFICATIONS	QUAN.	REMARKS
1243	Welding machine	A.C. 30 K.V.A. Wt 700kg. Primary 220V 400A	1	
1237	"	AC. 21 K.V.A. Primary 220V, 250A"	1	
1238	"	A.C " 30 K.V.A " Primary 220V, 400A "	1	
1688	Drilling machine	Bench . Wt. 200kg. Drilling Cap. 10 ~ 75 m.m. I.H.P. A.C. ½ HP	1	
1809	Grinder	Tool, Single head Dia of wheel 440 m.m. I.H.P. A.C. 5 HP Wt 500kg.	1	
1905	Welding machine	A.C 10 K.W Wt. 150kg. Primary 220 V 400A	1	
1906	"	" "	1	
1910	"	" "	1	
1911	"	" "	1	
1916	Drilling machine	Radial. Wt 1.5 ton Drilling Cap 45 x 320 m.m. Dist. Spindle to column max. 1470 m.m. I.H.P A.C 7.5 HP	1	
2215	Lathe	Turret, ram type Dia of table 800 m.m. Max dist. of spindle to Turret face 845m.m. I.H.P A.C 7.5 Hp Wt. 5ton	1	
2233	Cupola	Cap. 750kg/charge Wt. 3ton	1	
3949	Surface plate	mm I.H.P. 4000 x 1920 x 310m.m. Wt 4ton	1	
3950	"	" "	1	

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

INV. NO.	NAME OF MACHINE	BRIEF SPECIFICATIONS	QUAN.	REMARKS
3953	Surface plate	Rim L.W.H. 3330 x 1410 x 700 m.m. λ Wt. 3.5 ton		
3956	"	Rim L.W.H. 2640 x 1920 x 376 m.m. λ Wt. 8 ton		
3958	"	Rim L.W.H. 2500 x 1250 x 300 m.m. λ Wt. 4 ton		
3962	"	Rim L.W.H. 2000 x 1000 x 300 m.m. λ Wt. 2.5 ton		
3964	"	Rim L.W.H. 1,800 x 800 x 300 m.m. λ Wt. 2 ton		
3969	"	Rim L.W.H. 1500 x 1000 x 200 m.m. λ Wt. 1.5 ton		
3970	"	"	"	1
3972	"	"	"	1
3973	"	"	"	1
3974	"	"	"	1
3977	"	"	"	1
4309	Rail	30kg/M length 17m.		1
4310	"	50kg/M length 24m.		1
4969	Panel	100V		1
5416	Oil circuit breaker	3300V 2000A		1
5418	"	"		1
5027 ~~5072~~	Platform scale	Graduation 1000kg.		1
5110	Chimney	Internal dia 1200m.m. Height 25000 m.m. Wt. 35 ton		1

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

INV. NO.	NAME OF MACHINE	BRIEF SPACIFICATIONS	QUAN.	REMARKS
2644	Crane	Over head travel cell Load 30ton Span 16.5 M. Motor A.C 50,40,30,10KW Wt. 22 ton	1	
2645	"	" "	1	
985	Lathe	Length of bed 3500m.m. I.M.D. A.C 5 HP Wt. 2 ton	1	
1137	Boring machine	Horizontal Dia of spindle 120 m.m. Swing 800 m.m. Dia of table 1000 m.m. I.M.D. A.C 7.5 HP Wt. 7 ton	1	
1158	Hydraulic pump	Press 120 Kg/cm² Stroke 75 m.m. Dia of cylinder 50 m.m. I.M.A. A.C 20K.S Wt. 4 ton	1	
1159	Drilling machine	Radial Drilling cap. 30 x 200 m.m. Dist spindle to column max 1.300 m.m. I.M.D. A.C 5 HP Wt. 1 ton	1	
1179	Lathe	Turret Swing 400 m.m. Length of bed 3000 m.m. I.M.D. A.C. 9HP Wt. 4 ton	1	
1693 ~~1692~~	"	Length of bed 2500 m.m. I.M.D. A.C. 7.5HP Wt. 2 ton	1	
2943	Air compressor	Cap. 2500 m3/m.m. Press 7.5kg/ cm² I.M.D. A.C 100 HP Wt. 2 ton	1	
4011	Cut-off machine	High speed Dia of wheel 16 inch I.M.D. A.C 7.5 HP Wt. 500kg.	1	
	TOTAL		33	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Copy

Hikari Property Custodian Branch.

28th. Jan. 1950

TO; Chief of Hiroshima Finance Office.

SUBJECT; Application for authorization use of reparation equipment.

We submit herewith our opinion attached, for the application by Steel Making Dept., Kawasaki Heavy Industeries Co. Ltd., regarding the heading matter.

T. Nakata

(Teyeji Nakata)
Chief, Hikari Property Custodian
Branch, Hiroshima Finance Office.

SEC 4

45-54

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

The opinion in regard to application for authorization use of reparation equipments, submitted by Steel Making Dept., Kawasaki Heavy Industories Co. Ltd.

Hikari Property Custodian Branch,
Hiroshima Finance Office.

We received the application, attached herewith, for authorization use of and move of 30 reparation machines, submitted by Steel Making Dept., Kawasaki Heavy Industories Co. Ltd.

As the result of inspecting the application, we erased two machines (45-4-183 and 45-4-1645) because of applications submitted by Sanko Industories Co. Ltd. dated 25th. Nov. 1949 and Kobe Dockyard, Mitsubishi Heavy Industories Co. Ltd. dated 24th. Dec. 1949.

As for another 28 machines, we think, they would be permitted to use and remove as the production scale of the company is adequate.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Subject: Application for Approval of Transfer and Use of Reparation Equipments.

To: Minister of Finance

From: Yataro Nishiyama
General Manager and Director
Iron Works, Kawasaki Heavy Industries,Ltd.
Wakinohama-cho 3-chome, Fukiai-ku, Kobe.

Date: January 15, 1950

1. Name and Code No. of Plant:
Hikari Naval Arsenal 45-4

2. Location of Plant:
Mitsui, Hikari City, Yamaguchi Pref.

3. Name of product to be produced:
Cutting of steel forgings and castings and samples for material testings.
("We wish to transfer into our Hyogo Plant and use the reparation machines applied for here for use of mechanical cutting of steel forgings and castings and samples for material testing.)

4. Our experience of the production:
The Hyogo Plant was established in 1907 and began the production of only steel castings at first. However, we commenced the production of iron castings in 1912 and steel forgings in 1916, and at the same time, the operation of cutting of these products was begun by the plant. We have now 38-year experience for the same and among our employees, there are 2 enginers and 7 workers whose experiences are over 20 years, 2 engineers and 13 workers whose experiences are from 10 years to 20 years, and also 1 engineer and 33 workers, from 5 years to 10 years.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

We are now operating the cutting and cutting-off of sink-head of chilled roll and machine parts, of steel casting, rough cutting of the parts of Diesel and Turbine engines for ships and vessels of steel castings, and finishing cutting of roll and machine parts of steel forgings, rough cutting of shafts for ships and vessels, which are of steel forgings, etc., totalling to about 65 tons per month in quality.

Purchasers of these products are dockyards, steel plants and rolling-stock plants, etc. (Details of our customers are shown in "8"). Besides, we are now producing about 270 pieces of samples for materials testing and also conducting finishing cutting of the spare parts of tools and machines of our own plant.

5. Productions from 1939 to 1949 are shown in the attached sheet No. 2

6. Period of desired permission:

From the day when the application is approved to the day when reparation equipments are released or removed for reparation.

7. Production plan per month after the application is approved:

The facilities for mechanical cutting in our Hyogo Plant are worn out and its efficiency is low. Present capacity of our plant is only 65 tons per month for mechanical cutting of castings and forgings and about 270 pieces per month for manufacturing test samples, and therefore we are being obliged to order the outsiders such as Shipbuilding Yard of Kawasaki Heavy Industries, Ltd., Kawasaki Rolling-Stock Manufacturing Co. Ltd., and other outside small-scale factories, for mechanical cutting of 50 tons per month and manufacture of about 200 pieces of test samples per month.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

However, the former two plants which we are ordering from are being pressed by their own works and also the efficiencies of the outside small-scale factories are low and precisions of their machines are bad because of worn-out facilities, resulting in the situation that we face various difficulties.

We plan to raise the capacity of our plant, through transfer into our plant 30 sets of reparation machines applied for here and other reparation facilities, 24 sets Kure Naval Arsenal and 3 sets in the Takatsuki Plart of Kawasaki-Sangyo K.K., which are applied for by separate applications, (total number 57), after the approvals thereof.

When this is accomplished, we shall be able to carry out about 160 tons of cutting and cutting off of the sinkhead of chilled roll and machine parts, rough cutting of the parts of Diesel and Turbine engines for ships and vessels, and finishing cutting of roll and machine parts, rough cutting of shafts for ships and vessels per month, which are of steel forgings, all totalling to about 290 tons per month in quantity of cutting, and also we shall work for finishing cutting of about 420 pieces of test samples per month.

By this we shall be able to earn about ¥1,840,000 of cutting charges per month, and save about ¥260,000 of unnecessary freight charges per month, and also we shall collect scraps and turnings by cutting and shaving of our products by our own hand, and in addition, we shall eliminate the businesses needed for ordering outsiders, cut down the number of workers for transportation and inspection, make the delivery term shorter, keep the appointed delivery date and detect the defect of product earlier, and that will streamline

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

our enterprise and also benefit our customers by lower prices and earlier delivery, thus contributing to the development of Japanese industries.

8. Main purchasers of our products are shown in the attached sheet No. 3.

9. Plan for changing equipments:

Our facilities for mechanical cutting are nearly worn out, as mentioned in the attached sheet No. / , some of which have already passed the durable years.

Because of its bad precision and low efficiency, we have been obliged to use these facilities only for mechanical cutting of the products of our own use, and therefore we had to rely on the outside plants for mechanical cutting of most of our products.

However, as mentioned in 7, in case of relying on the outside plants, we had to disburse the cutting cost and unnecessary freight charges by outselves and increase the number of workers for inspection and transportation, and besides, there have been incurred various difficulties such that we could not collect scraps and turnings by cutting and we had to conduct the complicated businesses for ordering outsiders and we were forced to retard or result in failure to keep the delivery term, and also we could not discover the defects of our products earlier, thus necessarily bringing the higher production cost and many troubles to our customers.

Besides 30 sets of reparation machines applied for here, we wish to transfer 24 sets in Kure Naval Arsenal and 1 set of grinder and 2 sets for drilling machines upright in the Kawasaki-Sangyo K.K., through separate application. (total number is 57)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Thus enlarging the facilities of our plant, we expect to get rid of the above-mentioned various difficulties brought about by the complicated businesses for ordering outsiders, and also we aim to lower the production cost as well as to streamline our enterprise.

However, it is the hardest thing at present to purchase the necessary number of machines, ranging over various kinds, in the open market, and it requires not only a lot of time, but also a great deal of materials and money to manufacture these machines newly.

We, therefore, respectfully submit our application for approval of transfer and use of the idle reparation machines in Hikari Naval Arsenal.

Reparation machines applied for are shown in the attached sheet No. 4, and for your information, we herewith attach the detailed list of machines, the attached sheet No. 5, which we wish to transfer into our plant from the Kure district.

10. Budget for temporary transfer and use:

Costs needed for transfer and use are as follows:

Repair cost	¥1,279,200
Overhauling cost	68,830
Foundation cost	281,250
Transferring cost	161,490
Total	1,721,940
Labor required	
Overhauling	160 man day
Foundation	240
Transfer	80
Materials required	
Cement	19 tons
Steel	some

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

11. Plan and location to continue the production after reparation removal:

Even when the machines applied for here be removed for reparation, we intend to continue the mechanical cutting of forgings and castings by all means, procuring some other machines.

Yataro Nishiyama

Yataro Nishiyama

General Manager and Director

Iron Works, Kawasaki Heavy Industries, Ltd.

Wakinohama-cho 3-chome, Fukiai-ku, Kobe.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Attached Table No.-1-

Detailed List of Present Equipments located in the Plant Applying for Use of Reparation Equipments.

(As of December, 1949)

Classification	Main Equipment	No.	Operation or Idle	Capacity per Year (in tons)
Melting	15-ton Basic Electric Furnace	1	Operation	21,060
	3-ton " "	3	1 operation 2 idle	12,636
	25 ton Basis Open Hearth Furnace	1	idle	16,956
	20 ton " "	1	idle	13,680
Casting	6 ton Cupola	1	operation	2,880
	5 ton "	1	do	2,400
	2 ton "	1	do	1,440
	1.5 ton "	1	do	1,080
	0.3 ton Koshiki Furnace		idle	240
	1 ton Fuel Oil Furnace	1	do	360
	0.3 ton crucible "	2	operation	
	0.3 ton Gas Open Hearth Furnace	1	idle	120
	3,000 ton Press	1	idle	3,600
	1,500 ton Press	1	operation	3,000
	600 ton Press	1	do	2,400
	Steam Hammer	3	idle	360
Rolling	Air Hammer	1	operation	36
	Drop Hammer	2	idle	564
	Sweating Hammer	1	do	240
	Rolling Roll (Medium size, 3 high (Small size, 2 high	1	operation	28,800

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Lathe Engine	24
Lathe Face	3
Band Saw	4
Drilling Machine	14
Shaper	6
Planner	5

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Attached Table No. 2

Actual Production of Hyogo Plant for the Last Ten Years

(in tons)

Year	Steel Forgings	Steel Castings	Iron Castings	Rolled Steel	Alloy Castings
1939	3,415	3,069	1,710	3,639	220
1940	4,893	3,205	1,630	5,753	150
1941	7,198	3,484	1,800	13,140	90
1942	8,202	3,383	1,771	11,655	38
1943	9,461	3,954	2,265	9,079	24
1944	9,188	4,079	2,091	9,816	11
1945	1,224	808	585	2,189	17
1946	47	201	1,453	2,903	40
1947	44	491	3,540	3,186	19
1948	469	1,060	5,145	6,200	22
1949	2,946	2,917	6,131	10,184	15

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Attached Table No. 3

List of Main Purchasers of Our Products

A. Ship-building.

Name of Company	Location
Dockyard, Kawasaki Heavy Industries, Ltd.	Kobe City, Hygo Prefecture.
Kobe Dockyard, Mitsubishi Heavy Industry Co. Ltd.	Do
Yokohama " " " " " " "	Yokohama City, Kanagawa Prefecture.
Shimonoseki " " " " " " "	Shimonoseki City, Yamaguchi Prefecture.
Tamano-Seisakusho, Mitsui Dockyard Co., Ltd.	Tamano City, Okayama Prefecture.
Harima Dockyard Co. Ltd.	Aioi City, Hygo Prefecture
Uraga Dockyard Co., Ltd.	Yokosuka City, Kanagawa Prefecture.
Shikoku-Kikai Co. Ltd.	Niihama City, Ehime Prefecture.
Ishikawajima Heavy Industry Co. Ltd.	Tokyo.

B. Steel-making.

Fukiai Plant, Iron Works, Kawasaki Heavy Industries, Ltd.	Kobe City, Hyogo Prefecture.
Nichiya-Seiko Co., Ltd.	Amagasaki City, Hyogo Prefecture.
Amagasaki-Seiko Co., Ltd.	Amagasaki City, Hyogo Prefecture.
Osaka Plant, Osaka-Seihan-Seizo Co., Ltd.	Osaka City, Osaka Prefecture.
Amagasaki-Seihan Co. Ltd.	Amagasaki City, Hygo Prefecture.
Daido-Seiko Co. Ltd.	Do

C. Rolling-stock.

Government Railways Corporation	Tokyo.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Attached Sheet No. 4

List of Facilities for Application

Code No.	:	45 - 4
Name of Plant	:	Hikari Naval Arsenal
Address of Plant:		Mitsui, Hikari City, Yamaguchi Pref.

Machinery

Inv. No.	Name of Machinery	Brief Specification	Remarks
248	Lathe Engine	Bed Lgth 5.42m wt. 7 T I.M.D. A.C. motor 15 HP	Used for Sheet and [illegible] Cutting.
109	Lathe Engine	Bed Lgth 2.8m wt. 3.8 T I.M.D. A.C. motor 15 HP	Used for Cold Roll Cutting.
332	Lathe Engine	Bed Lgth 2.5m wt. 1.8 T I.M.D. A.C. motor 7.5 HP	
170	Lathe Engine	Bed Lgth 2.5m wt. 5.5. T I.M.D. A.C. motor 10 HP	Used for Bolt, Shaft, Pinion etc. Cutting.
2	Lathe Engine	Bed Lgth 2.33m wt 2.3 T I.M.D. A.C. motor 3 HP	Used for Cold Roll and Gear cutting.
1885	Lathe Engine	Bed Lgth 2m wt. 1.8 T I.M.D. A.C. motor 2 HP	Used for Bolt, Shaft, Roll Pinion of etc. Cutting

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Inv.No.	Name of Machinery	Brief Specification	Remarks
1529	Lathe Engine	Bed Lgth 2m wt 1.6 T I.M.D. A.C. motor 5 HP	Used for Warm Sha Shaft, Pinion Slide bar, etc. Cutting.
1683	Lathe Engine	Bed Lgth 2.m wt 1.6 T I.M.D. A.C. motor 5 HP	Used for Cold Roll Cutting.
1328	Lathe Engine	Bed Lgth 1.5m wt.1T I.M.D. A.C. motor 2 HP	Used for Nut of Crank Shaft, Piston Rod &f etc.Cutting.
691	Lathe Engine	Bed Lgth 1.5m wt 1.3 T I.M.D. A.C. motor 5 HP	Used for Pinion, Bolt and Test Piece Cutting.
1594	Lathe Engine	Bed Lgth 1.6m wt.1 T I.M.D. A.C. motor 5 HP	Used for motor Part Cutting.
1626	Lathe Bench	Bed Lgth 1.07m wt 0.2 T	Used for Small Parts Cutting.
140	Shaper	Table Size 670 x 410mm wt.2.5 T I.M.D. A.C. motor 3 HP	Used for Cold Roll and Test Piece Cutting.
136	Shaper	Table Size 680 x 400mm wt.3 T I.M.D. A.C. motor 3 HP	Used for Measuring Machine Parts Cutting.
137	Shaper	Table Size 680 400mm wt 3.4 T I.M.D. A.C. motor 5 HP	Used for Test Piece Cutting.
1146	Shaper	Table size 380 x 360mm wt.1.7 T I.M.D. A.C. motor 3 HP	
133	Drilling machine Radial	Table Size 1240 x 900mm wt 4.1 T I.M.D. A.C. motor 5 HP	Used for Casting and Forging Parts Drilling.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

45-4-1645 Turning Machine
45-4-183 Press Hand
Two machines, above mentioned, were erased by Hikari Property Custodian Branch because of the applications submitted by Kobe Dockyard, Mitsubishi Heavy Industeries Co. Ltd. dated 24th. Dec. 1949 and Sanko Industeries Co. Ltd. dated 25th. Nov. 1949.

Inv.No.	Name of Machimery
397	Drilling machine Bench
344	Borlling machine Horizontal
~~1645~~	~~Turning machine~~
1864	Gear Hobber
1461 ~~16461~~	Gear Shaper
1795	Gear Hobber
458	Grinder External
~~1299~~	~~Grinder Plane~~
3487	Grinder Bench Double Heads
~~353~~	~~Press Mechanical~~
~~183~~	~~Press Hand~~

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Inv.No.	Name of Machimery	Brief Specification	Remarks
397	Drilling machine Bench	Table Size 440mm in Dia wt 0.5 T	Used for Small Parts Drilling.
344	Borlling machine Horizontal	Table Size 1370 x 840mm wt 8 T I.M.D. A.C. motor 7.5 HP	Used for Casting Parts (Cam Warz, Valve seat, Piston, Cylinder Cover & etc.) Cutting.
~~1645~~	~~Turning machine~~	~~Table Size 1520mm in Dia~~ ~~I.M.D. A.C. motor 10 HP~~	
1864	Gear Hobber	Table Size 380mm in Dia wt 2.6 T I.M.D. A.C. motor 10 HP	
1461 ~~1461~~	Gear Shaper	Dia of Max. Gear 320mm in Dia wt 2 T I.M.D. A.C. motor 3 HP	Used for Gear Cutting.
1795	Gear Hobber	Table Size 250mm in Dia wt.0.7 T I.M.D. A.C. motor 1 HP	
458	Grinder External	Distance Center to Center 2120mm I.M.D. A.C. motor 5 HP wt 4 T	Used for Cold Roll Grinding.
~~1299~~	~~Grinder Plane~~	~~Table Size 440 x 150mm~~ wt 1.2 t I.M.D. A.C. motor 3 HP	~~Used for Test~~ Piece Finishing.
3487	Grinder Bench Double Heads	Table Size 440 x 150mm I.M.D. A.C. motor 2 HP wt 0.12 T	Used for Small Parts Grinding.
~~353~~	~~Press Mechanical~~	~~Table Size 160 x 265mm~~ I.M.D. A.C. Motor wt.0.75 T	Used for Metal
~~183~~	~~Press Hand~~	~~Table Size 320 x 210mm wt 0.18 T~~	Metal Plate Working.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Inv.No.	Name of Machinery	Brief Specification	Remarks
3770	Surface Plate	1500 x 100 x 200mm wt.1.1 T	Used for Center line Notching.
3774	Surface Plate	1800 x 900 x 250mm wt.1.4 T	

Total 34

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Attached Sheet No. 5

List of Facilities for Application

Code No. : 11 - 5 (6)

Name of Plant : Kure Naval Arsenal

Address of Plant: Miyahara-dori, Kure City, Hiroshima Pref.

Machinery

Inv. No.	Name of Machinery	Brief Specification	Remarks
4140	Lathe Engine	Bed Lgth. 4.9m wt.5 T I.M.D. A.C. motor 10 HP	Used for Forging Parts (Roll Spindle, Bearing Back Metal, Gear etc.) Cutting.
4141	Lathe Engine	Bed Lgth 6.5m wt 6 T I.M.D. A.C. motor 30 HP	
4142	Lathe Engine	Bed Lgth 6.5m wt 6 T I.M.D. A.C. motor 25 HP	
1087	Lathe Engine	Bed Lgth 5.0m wt 8 T I.M.D. A.C. motor 25 HP	
1088	Lathe Engine	Bed Lgth 5.0m wt 8 T I.M.D. A.C. motor 30 HP	Used for Casting Pars (Valve seat, Piston, Gear, Roll, Wire drum, etc.) Cutting.
1104	Lathe Engine	Bed Lgth 5.0m wt 8 T I.M.D. A.C. motor 25 HP	
4139	Lathe Engine	Bed Lgth 4.8m wt 5 T I.M.D. A.C. motor 10 HP	
835	Lathe Engine	Bed Lgth 5.0m wt 13 T I.M.D. A.C. motor 20 HP	
1096	Lathe	Bed Lgth 2.35m wt 6.5 T I.M.D. A.C. motor 20 HP	
1105	Lathe	Bed Lgth 2.35m wt 6.5 T I.M.D. A.C. motor 20 HP	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Inv.No.	Name of Machinery	Brief Specification	Remarks
4176	Lathe Engine	Bed Lgth 3.8m wt 4 T I.M.D. A.C. motor 20 HP	
4128	Lathe Engine	Bed Lgth 3.0m wt 3.5 T I.M.D. A.C. motor 20 HP	Used for Casting Parts (Drum, Valve seat, Bracket, Wheel, Coupling, End Cover, Roll etc.) Cutting.
4130	Lathe Engine	Bed Lgth 3.0m wt 3 T I.M.D. A.C. motor 20 HP	
4132	Lathe Engine	Bed Lgth 3.0m wt 3 T I.M.D. A.C. motor 20 HP	
592	Lathe Engine	Bed Lgth 3.2m wt 3.5 T I.M.D. A.C. motor 15 HP	
2701	Lathe Engine	Bed Lgth 3.2m wt 3.5 T I.M.D. D.C. motor 10 HP	
427	Shaper	Table Size 450 x 400mm wt.2.5 T I.M.D. A.C. motor 5 HP	Used for Motor Parts Cutting.
291	Shaper	I.M.D. D.C. motor 10 HP wt. 10 T	Used for Casting Part (Bearing Bracket etc.) Cutting
1528	Boring Machine Portable. Horizontal	Table Size 1000 x 540mm wt.0.8 T I.M.D. A.C. motor 1/2 HP	Used for Small Parts
1529	Broing Machine Portable Horizontal	Table Size 1000 x 540mm wt.0.8 T I.M.D. A.C. motor 1/2 HP	Broing.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Inv.No.	Name of Machinery	Brief Specification	Remarks
1427	Slotter	Table Size 1000mm in Dia wt.2.6 T I.M.D. A.C. motor 10 HP	Used for Gear Cutting
167	Shaper Gear	Table Size 145mm in Dia wt 2.5 t I.M.D. A.C. motor 3 HP	
1233	Metal Saw Disk	Dia 1550mm in Dia wt.0.6 T I.M.D. D.C. motor 3 HP	Used for Casting and Forging Parts Cutting.
1549	Hack Saw	Size of Saw Brade 350 x 40mm wt 0.8 T I.M.D. D.C. motor 1 HP	Used for Steel Bar Cutting.

Total 24

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1)

C

COPY SUBJ:

RELEASE OF FORMER JAPANESE MILITARY AND NAVAL INSTALLATIONS

RECEIVED FROM: Yamaguchi Military Government Team. Yamaguchi-Ken
NAME OF OFFICER ORGANIZATION LOCATION PREFECTURE

DATE RECEIVED: 12 October 1946 (PARTIAL) RELEASE
Delete one

(READ INSTRUCTION ON BACK OF THIS FORM)

LOCATION	INSTALLATION	VALUE (IN U S DOLIARS)
Hikari, Yamaguchi Ken; map Central Japan 1;250,000; sheet OITA; coordinates: 684-1215	Hikari Naval Arsenal (Part of)	
	Bldgs: 3 steel frame	(floor area: 135,700 sq. ft.
	1 brick	(area: 527 sq. ft.
	3 wooden	(area: 6,015
	Land: 82,059 tsubo	

DROPPED FROM PROPERTY RECORDS OF _____ BY _____
ORGANIZATION ACCOUNTABLE OFFICER RANK DATE

REMARKS: This is reparation property and is being lent to this company for establishment of salt manufacturing plant.

CERTIFIED CORRECT EXCEPT AS NOTED AND INITIALED:

BY (FLANCIS T. JUSTICE) Yamaguchi M.G. Team
RELEASING OFFICER ORGANIZATION DATE 12 Oct. 46

BY (Y. ISOBE) ASAHI SALT MANUFACTURING CO. 12 Oct.'46
JAPANESE REPRESENTATIVE AGENCY DATE

D 435 4-55

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

31 Oct. '46

TO: Finance Department:
&
Asahi Salt Co.

1. Permission is hereby granted for use of land and buildings described on attached list, said properties to be used for the purpose of non-electrolytic salt production:
Operating unit: Asahi Yengyo Kabushiki Kaisha.
This co. is responsible for the protection and maintenance of this property.

.....
(Francis T. Justice)
Major C E

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1.)
A

COPY

YAMAGUCHI DETACHMENT
SEVENTYSIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24

Yamaguchi, Japan
16 August 1946

File; _____

Subject: Permit for Operation of Industrial Facility

To: Hiroshima Division of Government Railroads
(Name and Address of Firm)
Oaza Shimada, Hikari City, Yamaguchi Prefecture

1. a. In accord with paragraph 3, b. Directive Number Three(3) from the Supreme Commander to the Japanese Imperial Government, dated 22 September 1945, the Hiroshima Division of Government Railroads
(Name of Firm)
is permitted to immediately start production of _____
Repair of steam locomotives and rolling stock
(Name of Items)

b. Maximum production currently authorized is
Undermentioned

2. The acquisition of material, parts and sub-assemblings as well as the disposition of finished products, and the establishment of sale prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of each item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any and all directive affecting reconversion ultimate disposition or otherwise, which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers or by this Headquarters.

FOR THE COMMANDING OFFICER:

ALFRED P. ROGERTSON
Major, Infantry
AMGO

Info Copy to

GHQ-SCAP (Attn: ESS) (1)
GHQ-SCAP (Attn: G-2) (1)
CG Eighth Army (Attn: Mil Govt) (1)
Governor of Prefecture (1)

45-4 Sec. II

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 2.) List of items in actual production

Name of Company	Name of Production	Quantity Monthly Production	Remarks
Hikari Branch, Hatabu Workshop, Hiroshima RR Division.	Repair of steam locomotive	12	
	Repair of automobile	10	Bus
	Repair of machines, belongs to several station and bus districts.	155 workmen	1 workmen means 10 hrs. work per day
	Production of rolling stock	400 workmen	
Takeda Pharmaceutical Industries Co. Ltd.	Merzenin	708 grm.	
	Cruelen	801,900 grm.	
	donan	500 grm. x 10,000	
	Kativ	100 tablets x 19,803	
	"	500 tablets x 300	
	Metabelin strong tablet	100 tablets x 19,967	
	"	300 tablets x 49,965	
	Eavestin	300 tablets x 10,526	
	Kativ Injection(10mg)	1cc x10 65,040 pack	
	Metabelin strong injection (20 mg)	2cc x10 5,460 pack	
	Metabelin strong injection (3 mg)	1cc x10 23,095 pack	
	Metabelin strong injection (5 mg)	1cc x10 50,283 pack	
	Regimen injection (20 %)	2cc x 5 5,136 pack	
	T.A.B. Vaccine	50cc x 5,218	
	Small pox Vaccine	25men x 4 39 pack	
Asahi Salt Mfg. Co. Ltd.	Salt	200 tons	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Annex 1)
B

COPY

YAMAGUCHI DETACHMENT
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24

Yamaguchi, Japan
20 May 1946

File:

-7 Subject: Permit for operation of Industrial facility
TO: Takeda Pharmaceutical Industries, Ltd. Hikari
(Name and address of firm)
Plant, Hikari City.

1. a. In accord with paragraph 3, b, directive number Three(3) from the Supreme Commander to the Japanese Imperial Government, dated 22 September 1945. the Takeda Pharmaceutical Industry Co Ltd on the designated portion of the grounds of the ex-Hikari Naval Arsenal
(Name of firm)
is permitted to immediately start production of see annex 1
(Name of Items)

b. Maximum production currently authorized is see annex 1

2. The aquisition of material, parts and sub-assemblies as well as the disposition of finished products, and the establishment of sales prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any and all directives affecting reconversion, ultimate disposition or otherwise, which have been issued or may hereafter be issued by the supreme commander for the Allied Powers or by this Headquarters.

For the Commanding Officer:

G.E. Byers
1st Lt. FA
Mil Govt Officer

Info Copy to:
GHQ-SCAP (Attn: ESS) (1)
GHQ-SCAP (Attn: G-2) (1)
CG Eighth Army (Attn: Mil Govt) (1)
Yamaguchi Ken Liaison Office (1)
Governor of Prefecture (1)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Annex 1

Alum-precipitated diphtheria toxoid.....	2,000 litres	per month
Alum-precipitated Staphylococci toxoid	1,000 "	"
Various toxoids.....	1,000 "	"
Anti-diphtheria serum.....	150 "	"
Various sera.....	50 "	"
Various vaccines.....	200 "	"
Injections (bacteriotherapeutic).....	420,000 ampoules	"
Sodium chloride.....	60 tons	"
Tablets(various).....	30,000,000 pâs	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Kairiku Un-yu K.K.

12nd. Aug., 1949

TO : Commanding Officer,
Yamaguchi Civil Affairs Team.
Yamaguchi City.

THRU : Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.
Yamaguchi Branch, Hiroshima Finance Office.

SUBJECT : Application of permission for temporary use of reparation equipments.

Sir;

We submit herewith, an application of your permission for temporary use of reparation equipments, listed below, necessary for landing the caal which belongs to the Coal Allocation Corporation.

Code No.	Name of Machine	Quantity	Location
45-4-2735	Locomctive Crane (accessory Wintch only)	1	Ex-Hikari Arsenal
45-4-2734	Revolving Crane (accessory Bucket only)	1	"

Period for use: From; 12nd. Aug., 1949
To ; 11st. Sep., 1949

45-4
II

OK
Approved
12 Aug 49
YCAT.

We remain

Yours faithfully,

Mitsusada Hukuda
Mitsusada Hukuda
Manager, Hikari Kairiku Un-yu K.K.
(Hikari City, Yamaguchi Pref.)

T Nakata
Toyozi Nakata
Chief, Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.

M. Takayanagi
per Kintaro Onaga
Chief, Yamaguchi Branch,
Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Kairiku Un-yu K.K.

12nd. Aug., 1949

TO : Commanding Officer,
Yamaguchi Civil Affairs Team.
Yamaguchi City.

THRU : Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.
Yamaguchi Branch, Hiroshima Finance Office.

SUBJECT : Application of permission for temporary use of reparation equipments.

Sir;

We submit herewith, an application of your permission for temporary use of reparation equipments, listed below, necessary for landing the coal which belongs to the Coal Allocation Corporation.

Code No.	Name of Machine	Quantity	Location
45-4-2735	Locomotive Crane (accessory Wintch only)	1	Ex-Hikari Arsenal
45-4-2734	Revolving Crane (accessory Bucket only)	1	"

Period for use: From; 12nd. Aug., 1949
To ; 11st. Sep., 1949) 30 days

We remain

Yours faithfully,

Mitsusada Hukuda

Mitsusada Hukuda
Manager, Hikari Kairiku Un-yu K.K.
(Hikari City, Yamaguchi Pref.)

T. Nakata

Toyozi Nakata
Chief, Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.

for M. Takagoshi

Kintaro Onaga
Chief, Yamaguchi Branch,
Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

August 8, 1949.

To: The Commanding Officer,
Yamaguchi Civil Affairs Team,
Yamaguchi city.

Subject: Application for temporary use of the land of the former arsenal, designated reparations.

Thru: Hikari Property Custodian Branch of Finace Office,
Yamaguchi Branch of the Hiroshima Finance Office.

Sir:

We beg to submit herewith an application for permission for the temporary use of the undermentioned.

The former Hikari Naval Arsenal, at Mitsui, Hikari city, Yamaguchi Prefecture.

The pier in the pool, 18,966.75 tsubos.

For one year commencing August 8, 1949 till August 7, 1950.

For storing coal for ttransit.

45-4
I

Yours faithfully,

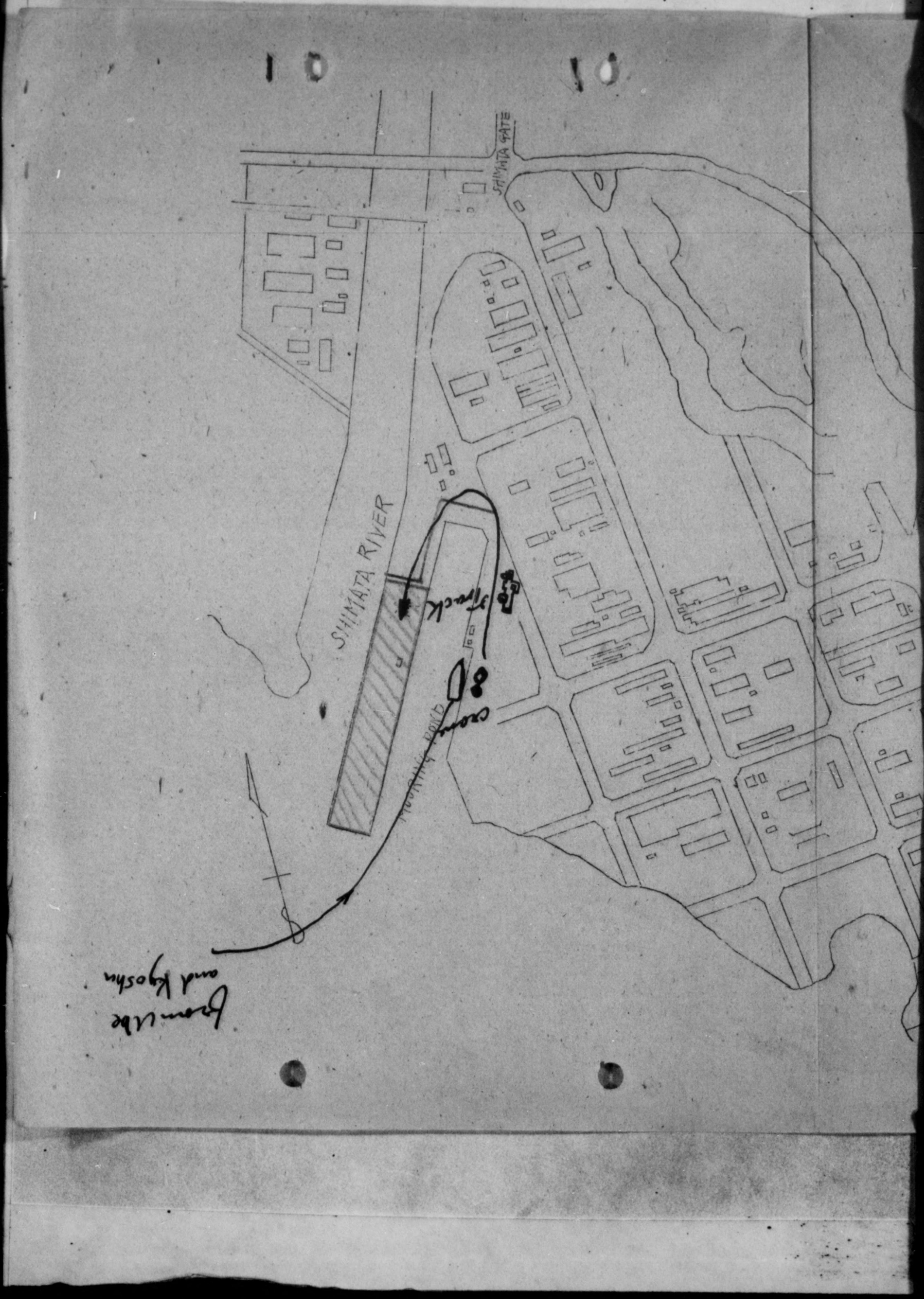
T. Tawara
.....
Chief, Hiroshima Distribution Office
.....

OK
IRAD 49
PNB

T. Nakata
Chief, Hikari Property Custodian
Branch of Finance Office.

K. Onaga
.....
Chief, Yamaguchi Branch of
Hirishima Finace Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

BUILDING LAYOUT
HIKARI NAVAL ARSENAL
MITSUI, HIKARI CITY, YAMAGUCHI PREFECTURE

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Naval Arsenal

HIKARI PROPERTY CUSTODIAN BRANCH,
YAMAGUCHI BRANCH
HIROSHIMA FINANCE OFFICE.

22nd. July, 1949

TO : Economics Officer,
Yamaguchi Civil Affairs Team.
Yamaguchi City.

THRU : Yamaguchi Branch, Hiroshima Finance Office.

SUBJECT : Report on damage of reparation machine

Sir;

We report that the lathe(Code No. 45-4-2401) kept at Gun-barrel Shop in Hikari Arsenal was overturned and damaged as showing in the sketch annexed by earthquake at about ten past two o'clock on 11th. July.

45-4
II

We remain

Yours faithfully,

T. Nakata
.....
Toyoji Nakata
Chief, Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.

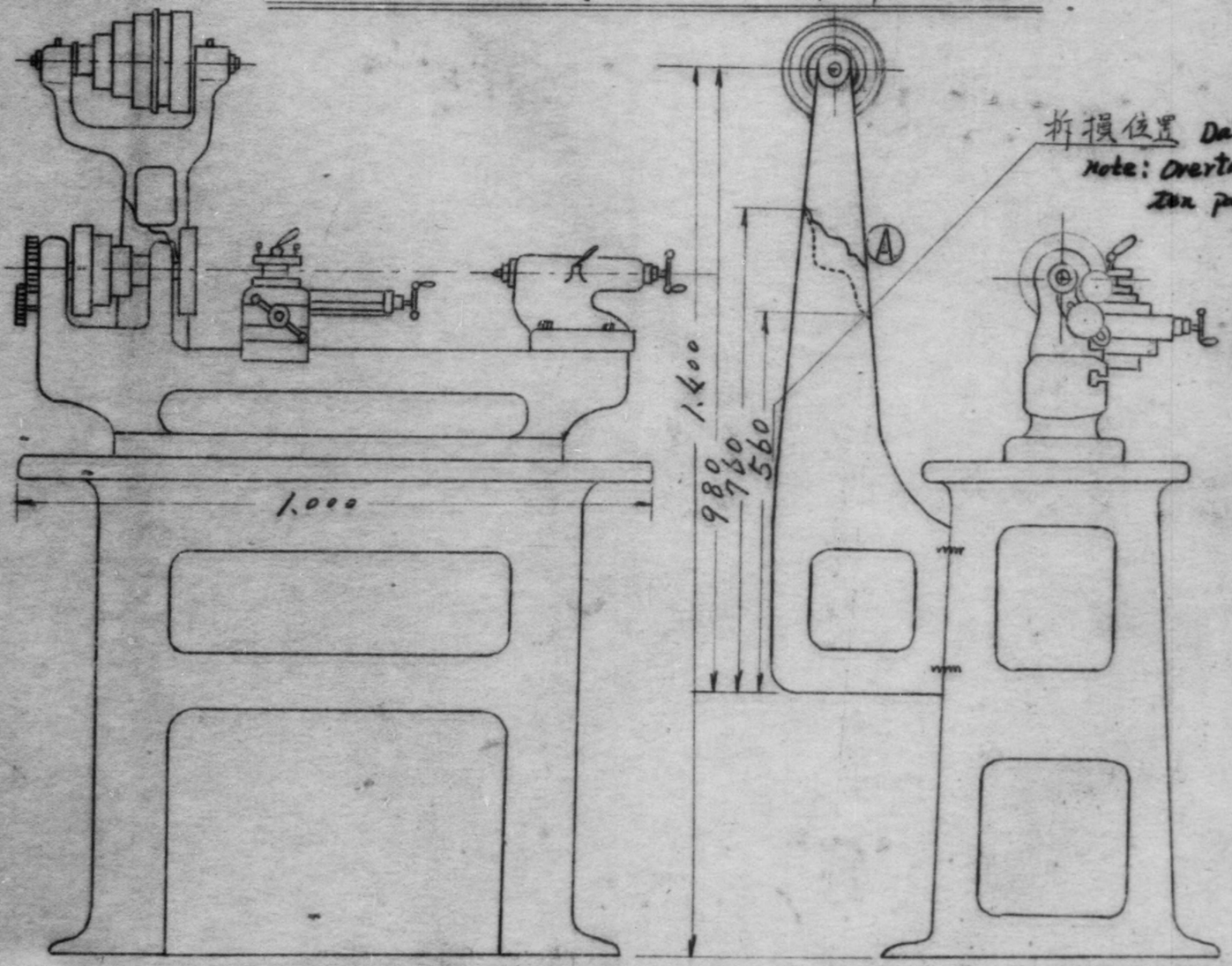
Ichiro Tsukamoto
.....
Ichiro Tsukamoto
Chief, Yamaguchi Branch,
Hiroshima Finance Office.

not necessary to repair
change the class to 3rd

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Sketch of damage on step Pulley Bracket of the Engine Lathe (45-4-2401)

普通旋盤 (45-4-2401) プーリーブラケット 折損位置図 一級 1st class



折損位置 Damage position

note: Overturned by the earthquake at ten past o'clock on 11th July '49

註

二四、七、一一夜地震の為転倒 Ⓐ部折損す 他部は異常なし

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Naval Arsenal

YUWA TRADING CO. LTD.
HIKARI BRANCH.

14th. July, 1949

TO : Commanding Officer,
Yamaguchi Civil Affairs Section.
Yamaguchi City.

THRU : Hikari Property Custodian Branch,
Yamaguchi Branch, Hiroshima Finance Office.

Yamaguchi Branch, Hiroshima Finance Office.

SUBJECT : Application for authorization to work in reparation plant premised.
(Period: From; 15th. July, 1949
To ; 31st. Dec., 1949
Location: Ex-Hikari Naval Arsenal
(Details as per attached sketch.)

Material to be broken down; 1,708 tons of Ingot's case (more than 5 tons per piece) and accessories.)

45-4
II.

Sir;

Recentry, Ingot cases (more than 5 tons each) located in reparation plant, released to the Finance Ministry by Yamaguchi Military Government Team,(File No. 1606-B of Nov. 26th 1948) have been sold to the Industrial Reconstruction Corporation.

Since the size of the cases are too large for use in the hearthes of the industrial concerns they are to be allocated to, the Industrial Reconstruction Corporation has entrusted their break down to; Kawasaki Jukogyo Kaisha,Ltd., Kobe Seikosho,Ltd., Fuso Kinzoku Kogyo Kaisha, Ltd., and they in turn have entrusted break down operations with us.

These cases will be broken down into sizes of less than one (1) ton each.

As these ingot cases are at considerable size, considerable difficulty will arise in transportation and break down elsewhere, also the question of equipment for handling them will arise.

This being the situation, we herewith submit an application for authorization to carry out break down operations within the reparation plant premised, at a safe distance from various facilities and installations.

We beg to assure you that no damage will be done to facilities and installations and special precautions will be taken toward prevention.

May we add that if in case of any damages we will carry the responsibility of repairs.

Your consideration will be deeply appreciated.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

We remain

Yours faithfully,

M. Yamamoto

.....

Masao Yamamoto
Chief, Hikari Branch,
Yowa Trading Co. Ltd.

T. Nakata

.....

Toyoji Nakata
Chief, Hikari Property Custodian Branch,
Yamaguchi Branch,
Hiroshima Finance Office.

.....

Ichiro Tsukamoto
Chief, Yamaguchi Branch,
Hiroshima Finance Office.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Ex-Hikari naval arsenal sketch
(旧光海軍工廠配置図)

▲印ハ破砕物 ▲triangle mark; location to be broken down.
破砕物ハ建屋ヨリ何レモ
三十米以上離レテイル.

Redmark; location, material to be broken down.
1.70 tons of ingot cast and accessories.

Distance; Redmark and triangle mark, over 30m each.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Hikari Naval Arsenal. File

Copy

HIKARI.

11th. July, 1949.

TO; Commanding Officer,
Yamaguchi Civil Affairs Section,
Yamaguchi City.

Thru; Yamaguchi Branch,
Hiroshima Finance Office.

Subject; Application of your approval for repairment of reparation custody shop in Hikari Arsenal damaged by the typhoon on 21st. June.

Sir;

We submit herewith an application of your approval for necessary of repairing the gun-barrel shop, one of reparation custody shop in Hikari Arsenal, which was damaged by the typhoon on 21st. June 1949.

The gun-barrel shop's zinc-wall was so severely blew off that many reparation machines are going to rust for wet and it is required ¥ 100,000 as the expence for repairment.

Prints of photograph, showing the state of damage, are annexed.

45-4
II

J. Nakata
(Toyoji Nakata)
Chief of Hikari Custodian Branch,
Hiroshima Finance Office.

I. Tsukamoto
(Ichiro Tsukamoto)
Chief of Ymaguchi Branch,
Hiroshima Finance Office.

Approved
14. July '49

Copy

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Copy for M.G.

P

HIKARI
CITY OFFICE

12 April 1949

Subject; Application for Removal and Use of Facilities in Reparation Plant.

To; Commanding Officer,
Yamaguchi Military Gov't Team
Yamaguchi Coty,

Thru; Hikari Office, Hiroshima Finance Bureau.

Yamaguchi Local Office,
Hiroshima Finance Bureau.

Sir;

We herewith submit for your consideration an application for removal and use of water pipe lines in the Ex-Hikari Naval Arsenal premises not in use at present.

45-4
II

1. Item; Pipe, as in (Incl. 1) & map attached.

2. Location; Ex-Hikari Naval Arsenal.

The water supply system of Hikari City is in Authorized Use at present by authority of G.H.Q. but was not exempted from Reparations. These facilities are being used at present for the development and maintenance of sanitary conditions and in line with the objectives of the occupation.

These facilities were constructed and controlled by the Naval Arsenal and it is not sufficient in its present condition to meet the present needs of the city both in fire prevention and general sanitation.

We are doing our utmost to develope these facilities to meet the demands of the various communities, but due to the stringent economic conditions and the materialistic shortage we are at a loss as to the acquirement of the materials necessary.

At present various equipment and facilities have been permitted use for peace industries and undertakings, and in this category, we have been granted use of the water works facilities.

There are water pipe facilities in the arsenal premises that are not being used and removal of these will not have any detrimental effect on the rest of the facilities.

Your consideration will be appreciated and may we anticipate a favourable reply.

Submit to G.H.Q.
through the Japanese
Government. 29 April 49.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Yours respectfully,

Kaizo Yamamoto
(Kaizo Yamamoto)
Mayor Hikari City.

T. Nakata
(Toyoji Nakata)
Chief, Hikari Office,
Hiroshima Finance Bureau.

Ichiro Tsukamoto
(Ichiro Tsukamoto)
Chief, Yamaguchi Local Office,
Hiroshima Finance Bureau.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

(Incl. 1)

Distribution Pipe
Water pipe system in Arsenal premises not in uses

Division	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Note
not used at prese-nt	1240 m	1890 m	540 m		3670 m	

Distribution Pipe
Planned utilization for city water system

Dia. / Division	150mm	200mm	250mm	300mm	Total	Note
Utilized for Kawa-guchi & Takasu district	840 m	330 m	80 m		1250 m	
Kamishimata district		1560 m	460 m		2020 m	
Murozumi district	400 m				400 m	
Total	1240 m	1890 m	540 m		3670 m	

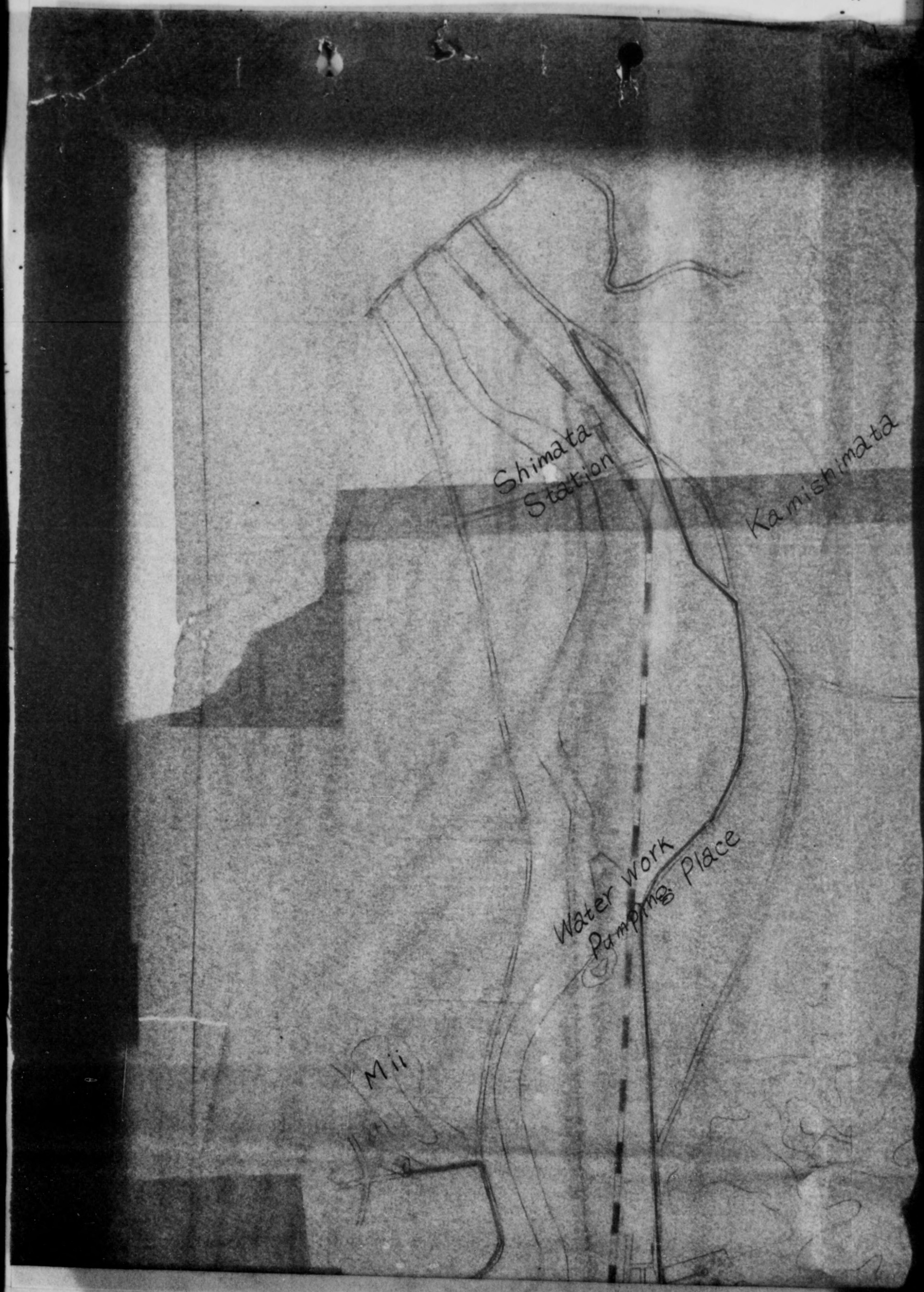
Feed Pipe not in use at present

Dia. / Distinction	13mm	20mm	25mm	40mm	50mm	63mm	Total
Length	270 m	1470 m	880 m	540 m	410 m	260 m	3830 m

Feed Pipe
Planned utilization for city water system

Dia. / Kind of atirization	13mm	20mm	25mm	40mm	50mm	63mm	Total
Water supply for Kawaguchi & Takasu district	270 m	570 m	320 m	180 m	60 m		1400m
Water supply for Kamishimata		610 m	340 m	220 m	210 m	170 m	1550m
For murozumi		290 m	220 m	140 m	140 m	90 m	880m
Total	270 m	1470 m	880 m	540 m	410 m	260 m	3830m

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

ishimata

光永製

Map of piping

S. 1/200

Scale

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

見取図全図

of piping rout The Hikari Water work

Scale 1/10000

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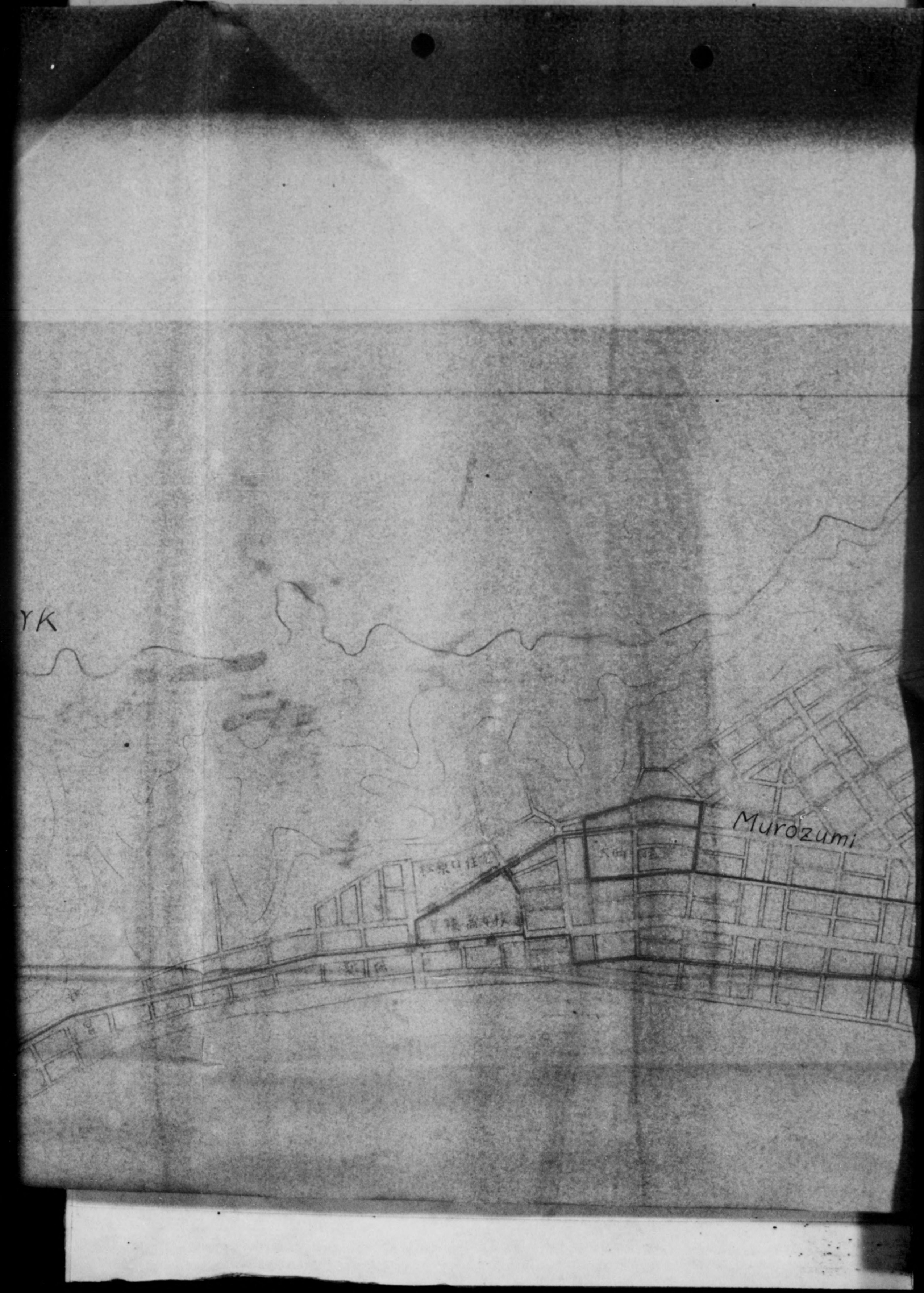

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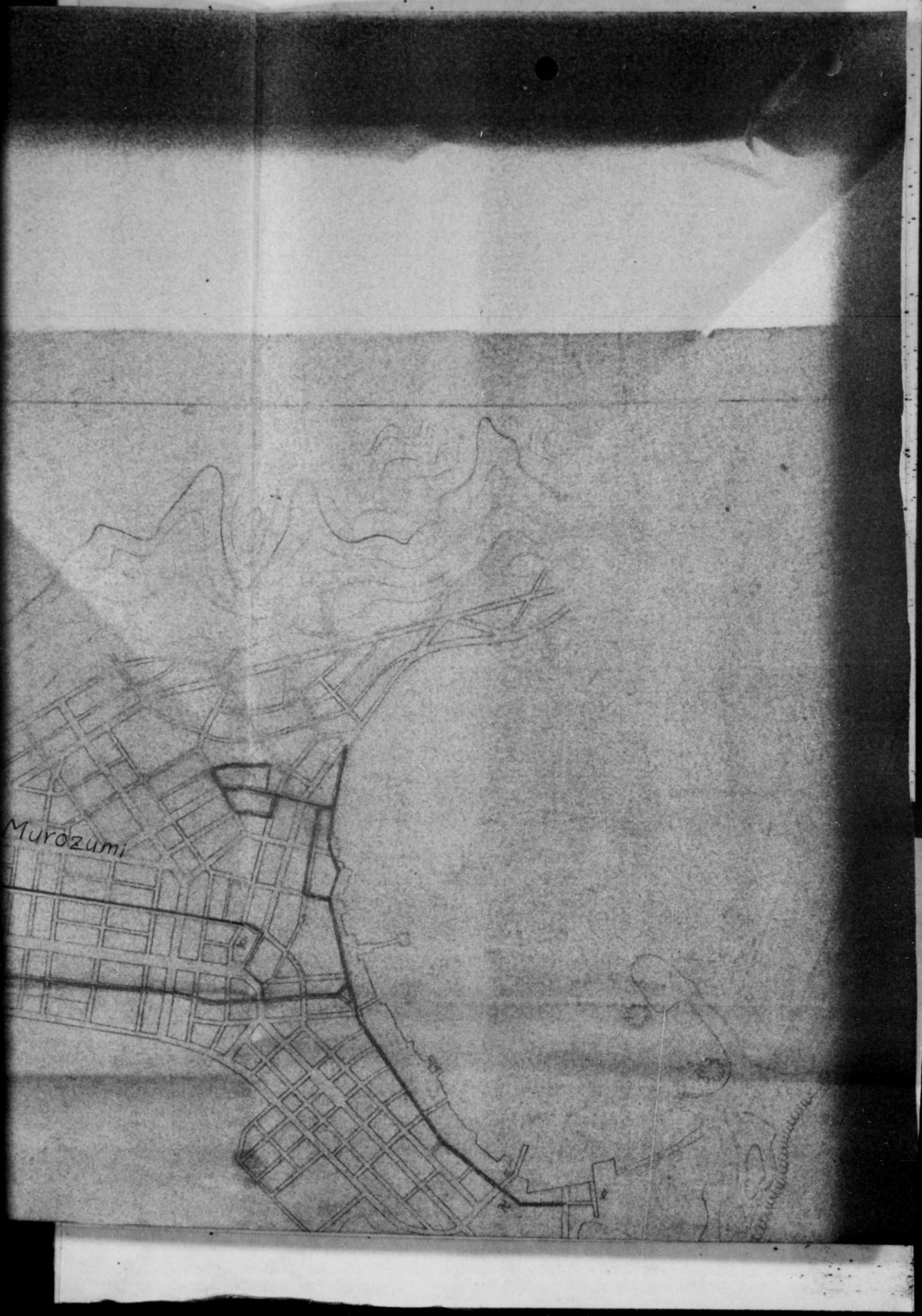

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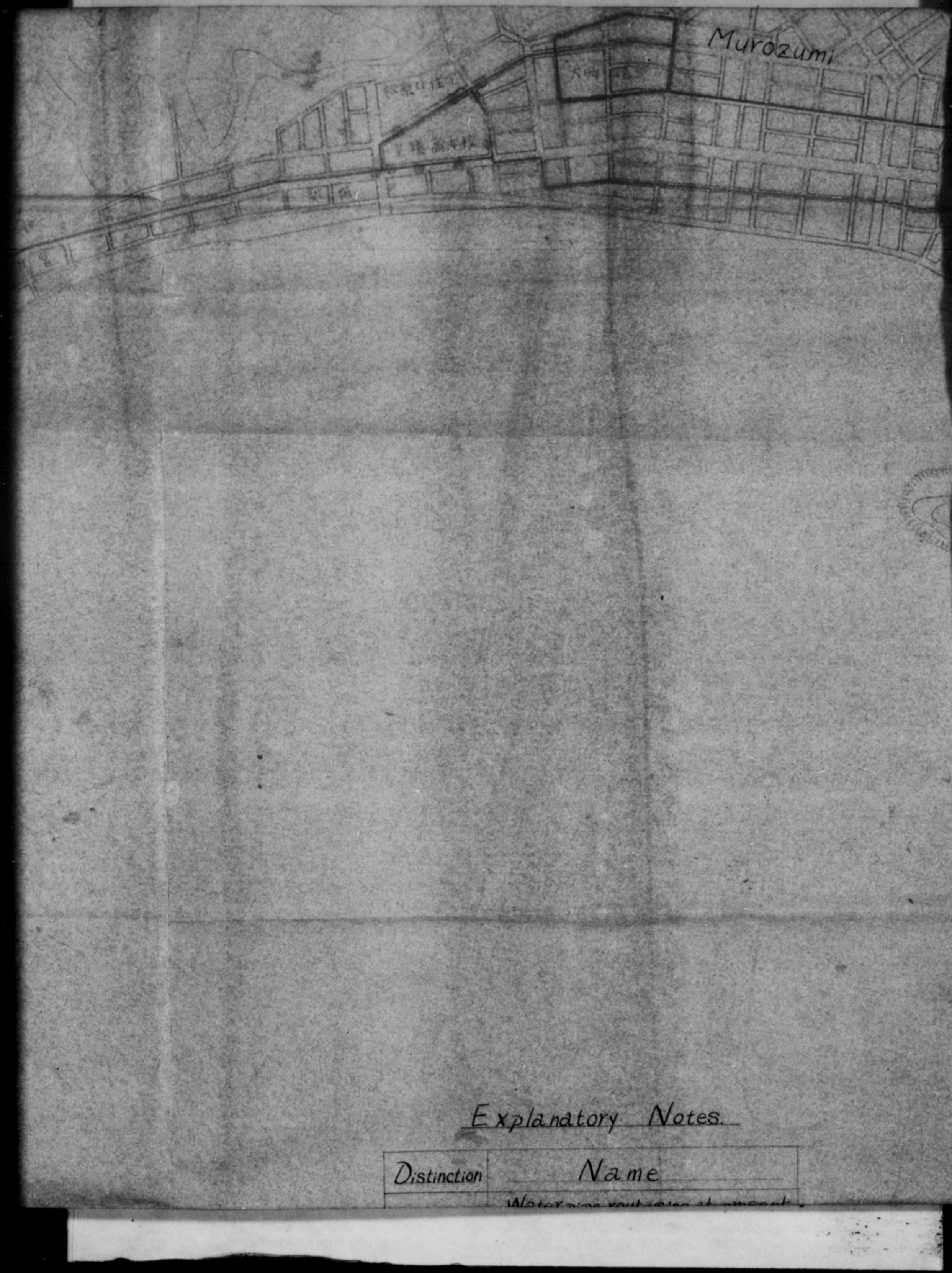

Explanatory Notes.

Distinction	Name
	Waterpipe route now in present.

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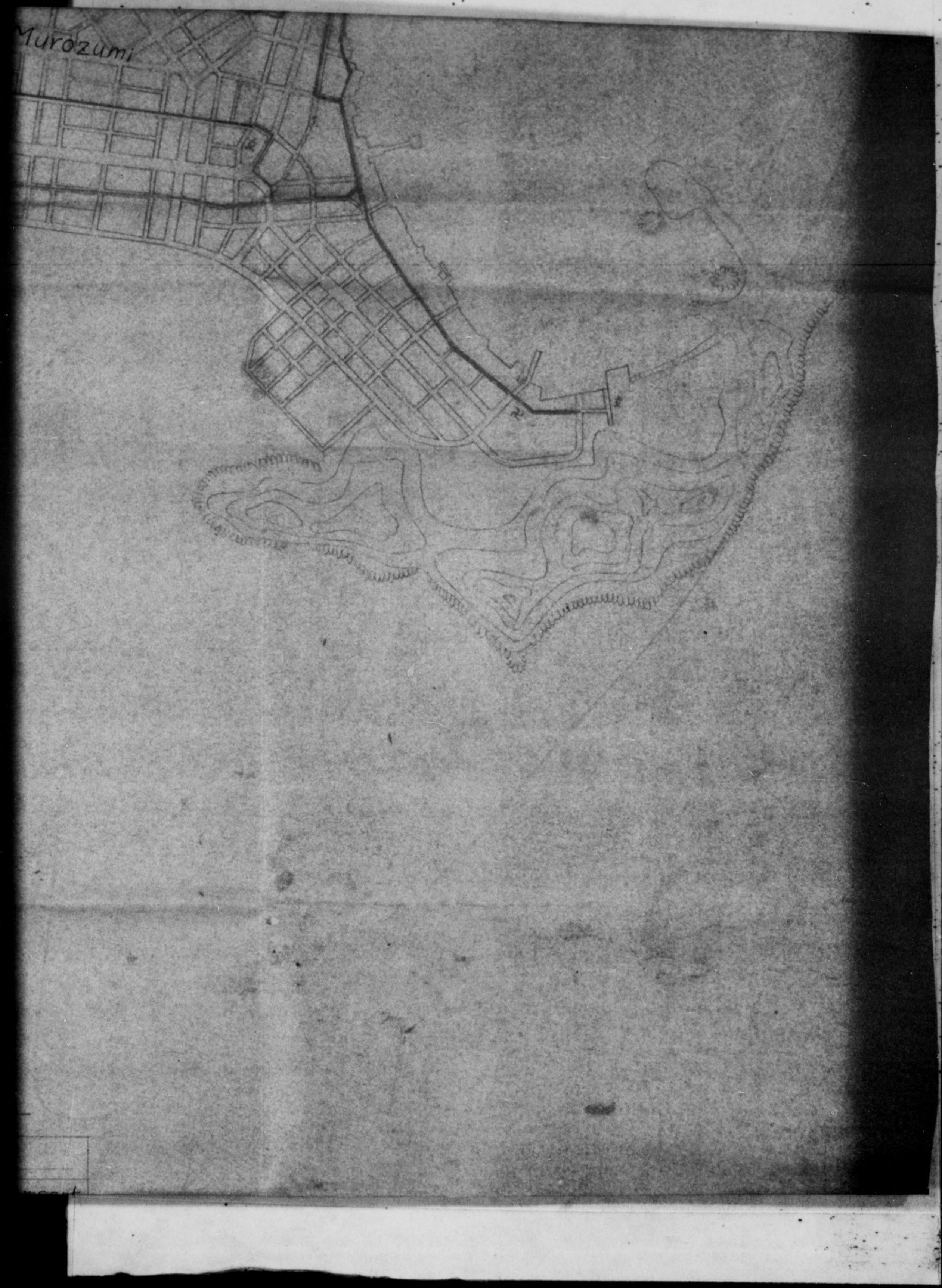

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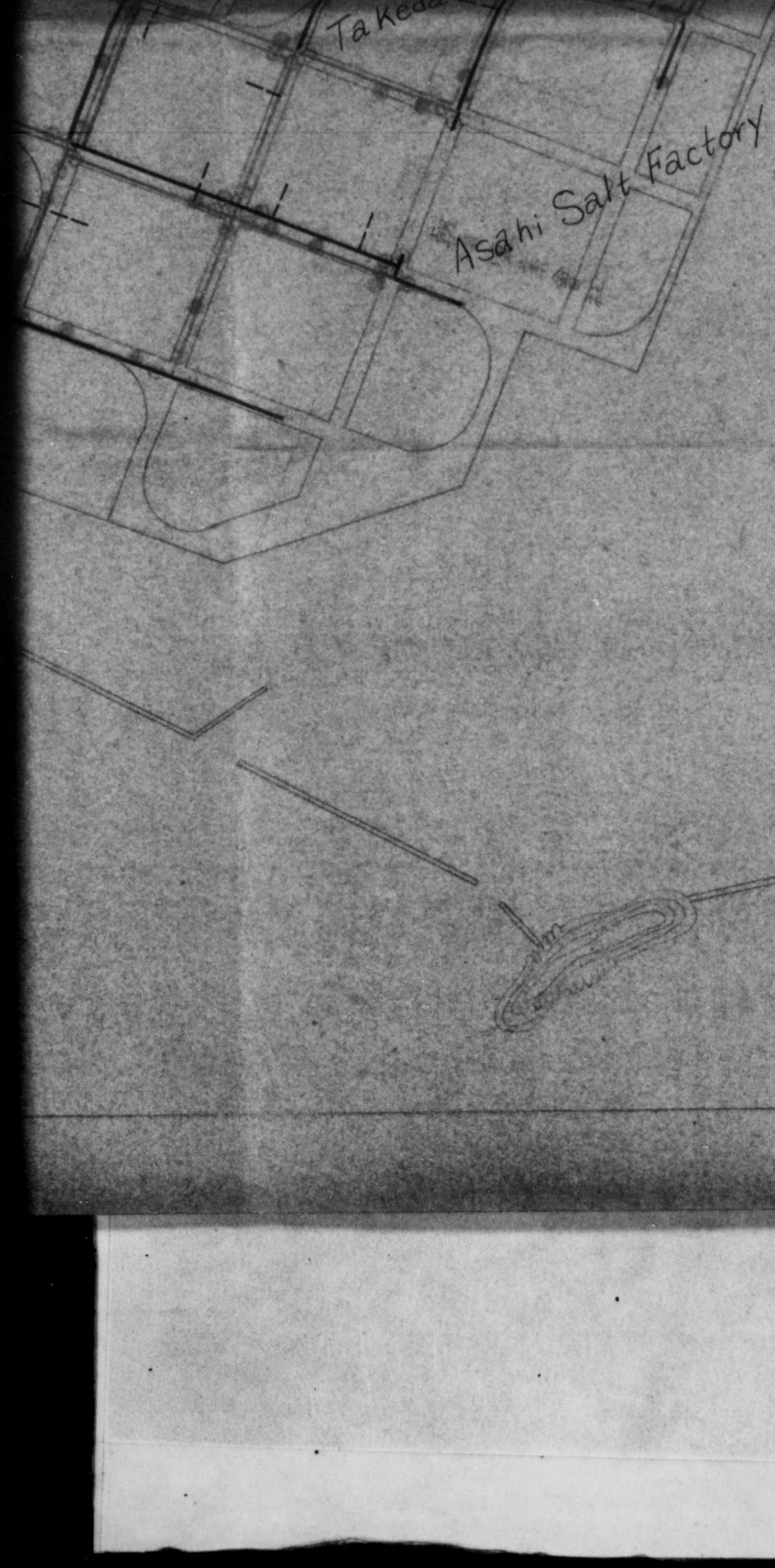

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Explanatory Notes.

Distinction	Name
———	Water pipe rout using at present. (Constructed ex Navy.)
— — —	Water pipe rout using at present. (Constructed by Hikari City.)
———	Water pipe rout to be used in future Connected with above.
———	Pipe rout not used.
- - - -	Water sending pipe not used.
▭	Area of ex Naval Arsenal.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

S.

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Y.)
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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

APR 16 RECD

1. ADJ
2. SMGO
3. RCI
4. LBR
5. LEG
6. ED
7. WELF
8. PH
9. INF
10. D.CO
11. FILE

CMGR 386.3 (D-K1)
(30 Mar 1949) 1st Ind

Subject: Loan of Reparations Equipment

Headquarters Chugoku Military Government Region, APO 248,
Kure, Honshu, 7 April 1949

TO: Commanding Officer, Yamaguchi Military Government Team,
APO 248

4-5-4
II

1. Permission has been granted by authority of telephone message from Major Trennaman, Headquarters Eighth Army dated 5 April 1949 for temporary use of reparations items listed in basic communication, and for purposes contained therein.

2. Subject equipment will be returned to initial custodial facility upon the completion of reparation removals at 45-05.

BY ORDER OF COLONEL SNYDER:

1 Incl:
n/c

JERRY W. TOM, Capt.
1st Lt, USAF
Adjutant

6075

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

HEADQUARTERS
YAMAGUCHI MILITARY GOVERNMENT TEAM
YAMAGUCHI, HONSHU, JAPAN
APO 248

EMT/dn

30 March 1949

YMGT 386

SUBJECT: Loan of Reparations Equipment

TO: Commanding Officer
Chugoku Military Government Region
APO 248

1. Attached application, submitted by the Yamaguchi Local Office of the Hiroshima Finance Bureau, is forwarded for consideration.

2. Recommend favourable action.

EUGENE J. McNAMARA
Lt. Col., Infantry
SMGO

1 Incl:
As noted

6075

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

IWAKUNI ADMINISTRATION OFFICE
HIROSHIMA FINANCE BUREAU

29 March 1949

SUBJECT: Petition of Reparations Equipments for Temporary Use.

TO: COMMANDING OFFICER
YAMAGUCHI MILITARY GOVERNMENT TEAM

Sir:

We hereby cordially beg you to grant permission for the reparations equipments of Hikari Ex-Naval Arsenal for temporary use according to the following reasons.

1. Name of Arsenal: Hikari Ex-Naval Arsenal

2. Reparations Equipments proposed for Temporary Use:

Code No.	Item	Cap.	Qty.	Remarks
45-4-5011	Weight Measuring Machine	3 tons	1	
45-4-5009	do.	10 tons	1	
45-4-5267	Trolley for Crane	5 tons	1 (	
45-4-5268	Operator for Crane	5 tons	1 (	1 set
45-4-580	Trolley	3 tons	1)	Part of Over-
45-4-580	Operator	3 tons	1)	head Travelling Crane
45-4-580	Motor	10 HP	1	1 set
45-4-580	Resistant		3	

Total: 10 (within 6 are accessories)

3. Reasons for proposal:

On 5 Feb 49, we received an unofficial instruction for allocation from GHQ through the Japanese Government to make plans for dismantling, packaging and shipping of the whole facilities in Iwakuni Ex-Army Fuel Depot. Therefore, it is necessary to prepare the packaging shops in order to

C O P Y

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

carry out these operations. But, in order to repair the overhead travelling cranes in our depot, which are damaged, we should like to borrow the reparations equipments of Hikari Ex-Naval Arsenal.

4. Period proposed for use:
From the day permitted and until the end of the shipping operations.

We cordially beg for this petition be permitted urgently.

Yours Remain,

Yours very respectfully,

Seiji Yamamoto

Seiji Yamamoto
Chief, Iwakuni Administration Office

Ichiro Tsukamoto

Ichiro Tsukamoto
Chief, Yamaguchi Local Office of
Hiroshima Finance Bureau

COPY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

IWAKUNI ADMINISTRATION OFFICE
HIROSHIMA FINANCE BUREAU

Feb. 17, 1949

TO: COMMANDING OFFICER
YAMAGUCHI MILITARY GOVERNMENT TEAM

Subject: Petition of Reparations Equipments for Temporary Use.

Sir:

We hereby cordially beg you to grant permission for the reparations equipments of Hikari Ex-Naval Arsenal for temporary use according to the following reasons.

1. Name of Arsenal: Hikari Ex-Naval Arsenal

2. Reparations Equipments proposed for Temporary Use:

Code No.	Item	Cap.	Qty.	Remarks
45-4-5011	Weight Measuring Machine	3 tons	1	
45-4-5009	do.	10 tons	1	
45-4-5267	Trolley for Crane	5 tons	1)	1,set
45-4-5268	Operator for Cage Crane	5 tons	1)	
45-4-580	Trolley	3 tons	1)	Part of Over-head Travelling Crane (1 set)
"	Operator	3 tons	1)	
"	Motor	10 HP	1)	
"	Resistant		3)	

Total: 10 (Within 6 are accessories.)

3. Reasons for Proposal:

On 5 Feb. 49, we received an unofficial instruction for allocation from GHQ through the Japanese Government to make

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

plans for dismantling, packaging and shipping of the whole facilities in Iwakuni Ex-Army Fuel Depot. Therefore, it is necessary to prepare the packaging shops in order to carry out these operations. But, in order to repair the overhead travelling cranes in our Depot, which are damaged, we should like to borrow the reparations equipments of Hikari Ex-Naval Arsenal.

4. Period proposed for Use:

From the day permitted and until the end of the shipping operations.

We cordially beg for this petition be permitted urgently.

We remain,

Yours very respectfully,

Seiji Yamamoto

Seiji Yamamoto
Chief, Iwakuni Administration Office

Ichiro Tsukamoto

Ichiro Tsukamoto
Chief, Yamaguchi Local Office,
Hiroshima Finance Bureau

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NO

YAMAGUCHI LOCAL OFFICE
HIROSHIMA FINANCE BUREAU

14 Feb., 49

TO : ECONOMICS OFFICER
YAMAGUCHI MILITARY GOVERNMENT TEAM

Subject: Application for temporary use of Reparation Machine

45-4
II

Sir,

We have the honor to respectfully request that the undermentioned reparation machine may be approved to use at Gotsu Administration Office of Hiroshima Finance Bureau .

This machine will be used for dismantling, packing and removing of C.P.C. machines kept in Gotsu Branch of Ex-Ossaka Army Arsenal.

Code No.	Name of Machine	Capacity	Class	Weight	
45-4-5010	Automatic Balance (hanger type)	5 tons	1	150 Kg	FOR 1 no.

Ichiro Tsukamoto

Ichiro TSUKAMOTO
Chief, Yamaguchi Local Office of Hiroshima Finance Bureau

NO

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

YAMAGUCHI LOCAL OFFICE
HIROSHIMA FINANCE BUREAU

14 Feb., 49

TO : ECONOMICS OFFICER
YAMAGUCHI MILITARY GOVERNMENT TEAM

Subject: Application for temporary use of Reparation Machine

Sir,

We have the honor to respectfully request that the undermentioned reparation machine may be approved to use at Gotsu Administration Office of Hiroshima Finance Bureau .

This machine will be used for dismantling, packing and removing of C.P.C. machines kept in Gotsu Branch of Ex-Osaka Army Arsenal.

Code No.	Name of Machine	Capacity	Class	Weight
45-4-5010	Automatic Balance (hanger type)	5 tons	1	150 Kg

Ichiro Tsukamoto

Ichiro TSUKAMOTO
Chief, Yamaguchi Local Office of Hiroshima Finance Bureau

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

REPARATION SECTION
YAMAGUCHI PREFECTURAL GOVERNMENT

Jan. 10, 1949.

SUBJECT: Application for Uncovering Embedded Machinery and Oil in the Hikari Ex-navy Arsenal.

TO: Commanding Officer,
Yamaguchi Military Government Team.
Attention: Mr. Teneyck.

Now that Keiichi Miyamoto, getting wind of the information that some machinery and oil are kept embedded within the compound of the Hikari Ex-navy Arsenal, filed his application with the governor for uncovering same, we shall be much obliged if you kindly grant your permission under following conditions:

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(1) Uncovering operation shall be commissioned to be done by Keiichi Miyamoto of Imazu, Iwakuni-city. It goes without saying that the Yamaguchi Pref. Gov't. shall be responsible for his work in this connection.

(2) Locality of the embedded materials is shown in the attached sketch-maps.

(3) The operation will take 5 months.

(4) The embedded materials are said to be some machinery and 50 oil drums.

(5) The uncovered materials shall be stored in the godown under the custody of the Pref. Government, who will ascertain the exact quantity of the materials and dispose of them subject to the Allied Forces' approval.

Approved. A fifteen day report of progress will be furnished this headquarters.

17 Jan EV

EUGENE M. TEN EYCK,
Economics Officer

Yours faithfully,

B. Inoue

Bunji Inoue,
Chief, Reparation Section,
Yamaguchi Pref. Gov't.

P.S. In connection with this application, hereto attached for your reference the counter applications of the Hikari Police Station Master and the Hikari Detachment Master of the Hiroshima Finance Board.

SN/t

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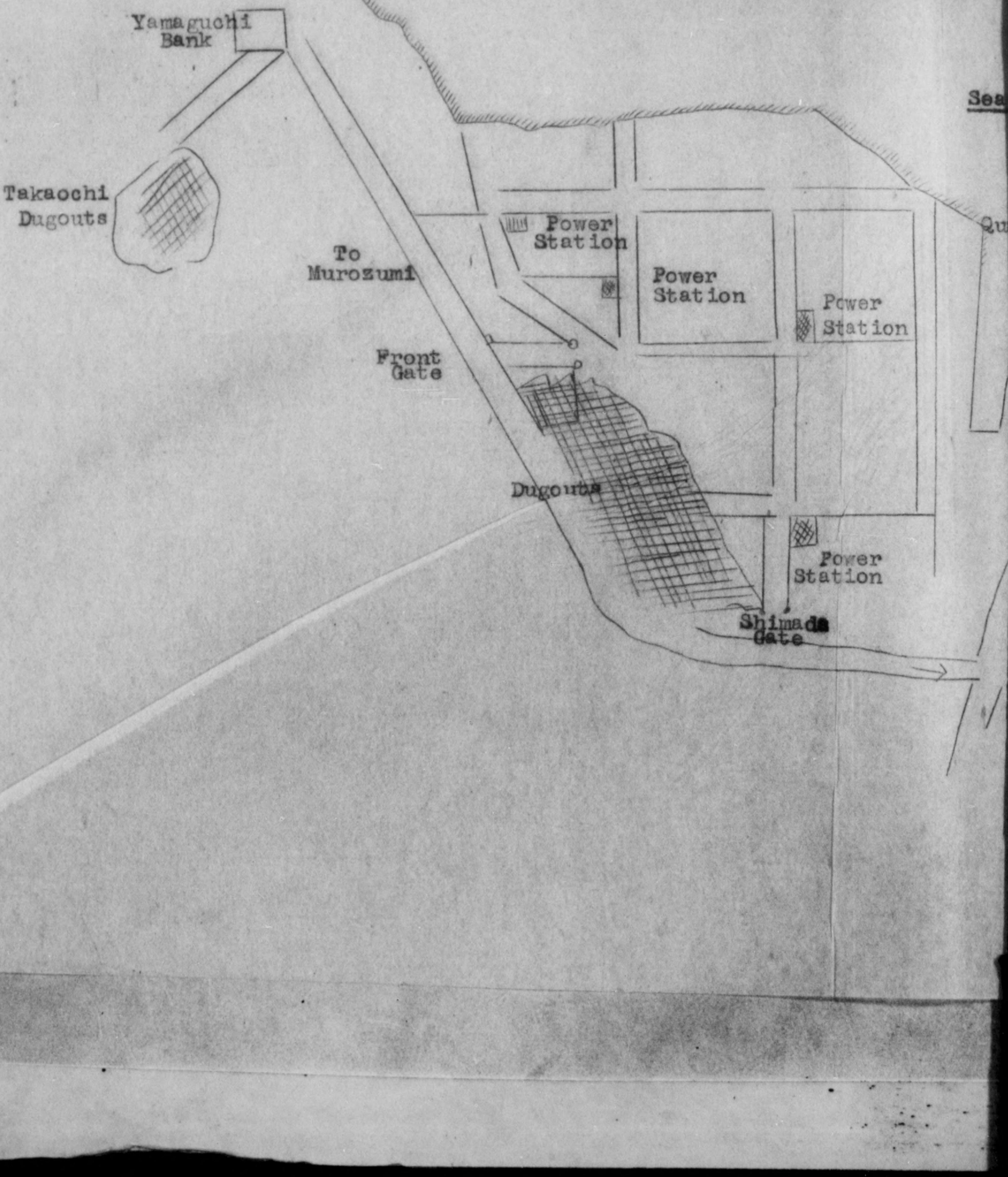
SKETCH-MAP



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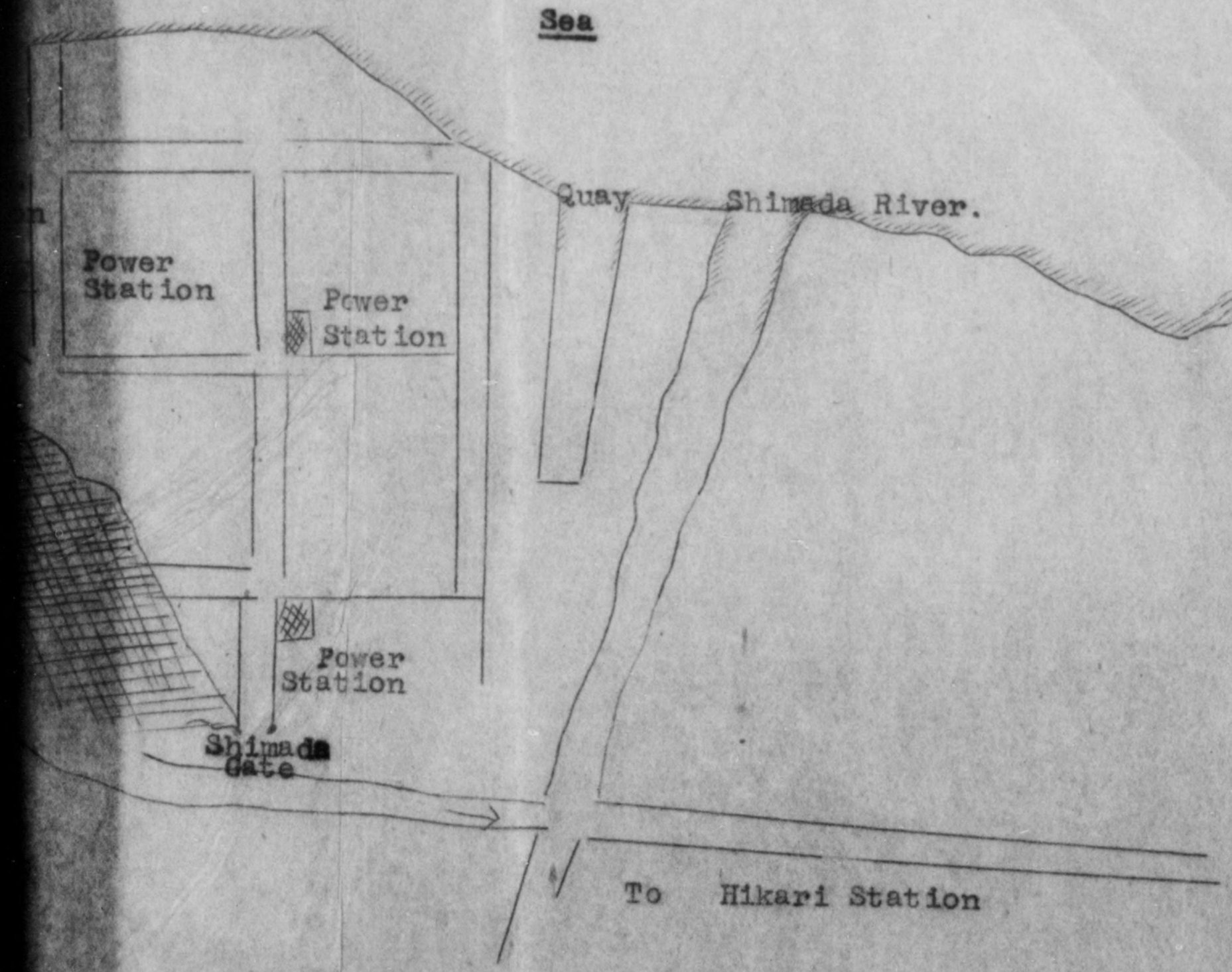
SKETCH-MAP



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

HIKARI POLICE STATION

1948?
Nov. 11, 1949.

SUBJECT: Uncovering Embedded Materials in the Dugouts Near Hills Behind the Hikari Ex-navy Arsenal.

TO: Mr. Tatsuo Tanaka,
Governor of Yamaguchi Pref. Gov't.

We are informed that Keiichi Miyamoto of 803 Imazu, Iwakuni-city, hearing of the news that certain quantities of detached machinery and other materials were kept embedded in the broken dugouts within the territory of this police station since the war end, is going to file his application with you for uncovering the same. As Miyamoto is an experienced and reliable contractor of civil engineering works, of whom we had never heard of any trouble in this line of uncovering operation, we hope you will grant your permission for his application. We shall take this opportunity to add that we are ready to support his operation by our guarding his work against social disorder and theft.

Yours faithfully,

Seal of the Hikari
Police Station Master.

SN/t

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THE HIKARI DETACHMENT,
HIROSHIMA FINANCE BOARD.

1948?
Nov. 11, 1949.

SUBJECT: Uncovering Embedded Ex-navy Goods in the Dugouts Near Hills Behind the Hikari Ex-arsenal.

TO: Mr. Tatsuo Tanaka,
Governor of Yamaguchi Pref. Gov't.

This is to certify that we have no objection to the operation of the above subject, provided that the lie of the ground shall be restored as it was as soon the uncovering w is completed.

Yours faithfully,

Seal of the
Hikari Detachment.

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Omuta 17th Aug. 1948.

TO: Commanding Officer.
Yamaguchi Military Gov't Team.
Yamaguchi.

SUBJECT: Application for permission for temporary use of Equipment reserved for reparation.

Dear Sir:

Our Miike Colliery is the producer of 6% of the total Japanese Coal and wish for the temporary use of Equipment reserved for reparation for the following reasons:

1. Replacing.

With the progressing of underground mining the total length of track layed have reach 315,600 meters (9,470 tons) The replacing of these due to wear and friction necessitates 498 tons per year. Since 1942, due to the lack of allocations few have been changed. Therefore due to derailment it hinders much in the coal production and wish for the time being 28,000 meters (840 tons)

2. The extension due to the development of the mine.

On the other hand with the progress of excavation necessity arises in laying tracks. The project of 1948 latter half excavatin is 13,800 meters of which 9,000 meters (540 tons) of track must be layed.

3. Special Construction Use.

Aside of the above 8,8000 meters for Commuters tram, 4,000 meters for Mikawa's 2nd Main Incline pit's man car line, a total of 12,800 meters (384 T) are immediately necessary for laying.

However, the allocation for the 1947 fiscal year was 523 tons, of which 153 tons were not received. In comparison with the tdal quantity of 1,764 ton necessary for the above three items, upon deducting the quantity of 400 tons not received (1947 fiscal, 153 tons and 1948 first quarter 247 tons) we further lack 1,364 tons.

With the above reason we are immediately in need of 30 kilogram rails and beg of you the special favor of permitting the temporary use of the reparation facilities.

Yours respectfully,

Ichiro Tsukamoto
(ICHIRO TSUKAMOTO)
Chief, Yamaguchi Local Office
of Hiroshima Finance Bureau

T. Kurayama
T. KURAYAMA.
GENERAL MANAGER.
Mitsui Mining Co. Miike Colliery.

T. Nakata
.....
T. NAKATA
Hikari Office
Hiroshima Finance Bureau

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DESCRIPTION OF FACILITIES.

1. Location: Former Hikari Naval Arsenal, Hikari City, Yamaguchi Pref.

2. Item :

Name	Code No.	Grade	Capacity	Measurement	Length to be Used	Place Stored.
Straight Track	45 - 4 - 4509	2	Narrow Gauge	30Kg/M	20,270 M. (1,216,200 Kg.)	
" "	45 - 4 - 4508	2	With Gauge	37 Kg/M	3,930 M. (290,820 Kg.)	

3. Term : Until Final disposition as reparation.

4. Purpose : It will be used for transporting underground coal, coal miners, and Materials urgently needed in mining for increase producting.

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UNDER GROUND.

Track Construction Urgently Requiring 30 Kg. rails.

Name of Work.	Quantity	¥ Production Increase due to this.
Commuters Trolley 1st Period Const. (Station & Other)	4,800 M	250 T/day (from latter half '48)
" " 2nd "	4,000 M	
Miyanoura "Banshita" Mining Surface Hauling Track	1,800 M	500 T/day (from first half '50)
Minami Shinkai Tram Line	1,500 M	120 T/day (from latter half '48)
Mikawa Pit.	1,200 M	
" " Main Seam # 5 Kata # 0 Slope extension	120 M	200 " (from latter half '48)
" " Nishi 0 Tram line extension (double track)	360 M	250 " (" " " '50)
" " Upper Seam # 12 Slope Main Line replacement	800 M	260 " (in case non reception)
" " Nishi 3 Slope New Tram Line (double track)	360 M	450 " (latter half '48)
" " Main Line extension	960 M	250 " (" " ")
" " # 2 Incline shaft Miners Car line extension	4,000 M	
Miyanoura Pit Higashi Okushita development (double track)	2,400 M	
" " Main Line Tram replacement	1,500 M	750 " Present time.
" " # 56 Slope Tram new track (double track)	1,000 M	1,200 " (Latter half '48)
" " # 91 Slope Main Line replacement	2,000 M	180 " (Present time)
" " # 5 Upper Seam Incline New extension	400 M	100 " (first half '49)
" " Daigoji Tram extension (double track)	3,200 M	100 " (latter half '49)
Yotsuyama Pit Nishi Ichi Oroshi Miner's Line replacement	1,600 M	Present Time.
" " Nishi Ni Oroshi " " extension	2,400 M	
" " Nishi Rei Ban Tram Replacement	1,000 M	300 T/day present time.
Manda Pit Rei Ban Tram Line Replacement	2,000 M	1,000 T/day Present time

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SURFACE

Name of Work	Quantity		% Production increase due to this.
Hama Storage side track laying & replacement	310	M	
Commuter line side track new track	1,370	M	
Miyanoura Pit Surface track replacement	1,085	M	
Outcrop transporting side track replacement	570	M	
Nanaura transport main line replacement	650	M	Greatly decreases the transportation
Miyanoura transport main side track replacement	800	M	
Manda Pit replacement below dressing plant	490	M	by gov. railway or steamers
Harbour storage yard loading track replacement	980	M	
" " "	1,440	M	Present transporting capacity is
" " " track replacement	1,500	M	
" (steam ship) loading track replacement	900	M	approx. 80,000 T/month
	47,495	M	

(Fish Plates for the above are required)

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FCW/jkl

HEADQUARTERS
YAMAGUCHI MILITARY GOVERNMENT TEAM
YAMAGUCHI, HONSHU, JAPAN
APO 317

12 July 1948

Serial No. 999-B

SUBJECT: Temporary Use of Reparations Equipments

THRU: Commanding Officer, Chugoku Military Government Region, APO 317

TO: Commanding General
Eighth Army
APO 343
Attn: Military Government Section

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1. Reference paragraph 4 g, Operational Directive 21 for 1948, subject: "Japanese Industrial Reparations Facilities".

2. Attached herewith petition from the Asahi Salt Manufacturing Company, Hikari City, Yamaguchi Prefecture, requesting permission to use four Lime Roasting Furnaces in Hikari Naval Arsenal (Code No. 45-4).

3. Asahi Salt Manufacturing Company, is located within the grounds of Hikari Naval Arsenal with permission by 2d Indorsement, Headquarters Eighth Army to letter this headquarters dated 12 October 1946, subject: "Application of Asahi Salt Manufacturing Company of Land and Buildings Belonging To Hikari Naval Arsenal, Reparations Property".

4. The Lime-roasting furnaces can be used in their present location and will enable Asahi Salt Manufacturing Company to process Bittern, the by-product of their Salt production, into Slaked Lime for agricultural fertilizer, capacity approximately 660 tons annually.

5. It is recommended that this application be given favorable consideration.

1 Incl:
Petition (dup)

FREDERICK C. WIGGINS
Major, CMP
Commanding

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

ASAHI SALT MANUFACTURING CO.
4450 Mitsui, Hikari City.
Yamaguchi Prefecture

14 June 1948.

TO ; Commanding Officer
Yamaguchi Military Government Team.
Yamaguchi.

THRU ; Hikari Office, Hiroshima Finance Bureau.

SUBJECT; APPLICATION FOR TEMPORARY USE OF FACILITIES RESERVED FOR REPARATIONS.

Sir;

We beg to inform you that through your authorization of 12 Oct., 1946 for the use of the Ex-Hikari Naval Arsenal premises, we have completed our salt manufacturing factory, with an annual capacity of 2,000 tons, and are at present engaged in the salt manufacturing business.

May we take this opportunity to extend our deepest gratitude for the support you have given us towards the realization and the operation of this reconversion plant.

We again would like to ask the favour of your considerations with regard to the temporary use of the Lime-stone Kilns, designated for reparations, for the manufacture of Slaked Lime, in considering an effective disposal of the Bittern; by-product of salt manufacturing.

We beg special consideration on this matter and may we anticipate a favorable decision.

Thanking you in anticipation.

We are,
Yours faithfully,

Toshijiro Kurita
(Toshijiro Kurita)
Manager of Hikari Office
Asahi Salt Mfg. Co.

T. Nakata
(Toyoji Nakata)
Chief of
Hikari Office
Hiroshima Finance Bureau

Ichiro Tsukamoto
(Ichiro Tsukamoto)
Chief, Yamaguchi Local Section
of Hiroshima Finance Bureau

Attached; List of equipment
and explanation.

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Code No. 45-4-	Nomenclature	Class	Operating Dimensions	Acces-sories	Remarks
2767	Doromite Roasting Furnace	2	inside dia. 1,066mm Length 8,710mm	None	in custody in in same position as when installed.
2768	Lime Roasting Furnace	2	"	"	"
2769	"	2	"	"	"
2770	"	2	"	"	"

LOCATION; Ex-Hikari Naval Arsenal.

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Reasons for use;

I. For an effective disposal of the inevitable by-produst; Bittern. Namely, our factory produces 2,000 tons of salt annualy, and the Bittern(by-product)produced is 1,000 tons annually.

Analysis of Bittern,

Product	Kali content	Weight	Use
1. Bittern Kali	approx. 10 %	70 tons	for fertilizer
2. Carnalite	20 to 25 %	58 tons	Agricultural
3. Calcium Chloride		150 tons	Refregeration & dehydrating agent.
4. Basic Magnesium Chloride		80 tons	Rubber manufacturing and others.

Bittern may be put to such valuable use and furthermore they are in great demand, due to the low production of these materials in Japan.

At the present all the Bittern is being abandoned and wasted due to the fact that we do not have the necessary Lime-stone Kiln. There is a slight demand for it in other industries but it will not be of mush value due to the difficulty of transporting it. Calculations in this respect shows that it would be a disadvantage.

The disposal of Bittern being generally connected with salt manufacturingwe have clearly stated plans to this effect in our objectives at time of establishment.

The Bittern may be condensed with provisional accessories. But, the installation of a new Lime-stone Kiln will meet with tremendous difficulties due to the current materialistic difficulties. Furthermore, our status does not permit immediate installations.

Fortunately, the Lime-stone Kilns in the Ex-Hikari Naval Arsenal will serve our purpose and we would like to have the use of these facilities at their present location and in their present state until further instructions.

II. The Lime-stone Kiln is a very simple equipment and the reason why we prefer to have access to them in their location and status is because necessary power lines and water supply pipes are available in the vicinity.

III. There is a comparatively abundant supply of the necessary Slaked Lime, sub-product of Bittern as mentioned previously, in its natural form in Japan, but due to the shortage of manufacturing facilities it is quite difficult to obtain.

IV. Brief Explanation of the manufacturing process.

Limestone is baked with smokeless coal, producing Quick Lime and Carbon Dioxide Gas, while on the other hand, Bittern is evaporated in a flat Kettle which produces Crude Salt, Bittern Kali and Carnalite, separated in their respective order.