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

INTEGRATED FACILITY

Building Number 16.

TESTING SHOP

NOT REQUESTED

Code No.	Name and Specification.
22 - 24 - 21421	Pump Hand Powered,
21422	- do -
21423	- do -

TOTAL 3 P'cs.

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

INTEGRATED FACILITY

Building Number 64

MACHINE SHOP NO.4

NOT REQUESTED

Code No.	Name and Specification.
22 - 24 - 852	Grinding Machine (Bench)
867	Drilling Machine (Bench)

TOTAL 2 P'cs.

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

INTEGRATED FACILITY

Building Number 64

MACHINE SHOP NO.4

NOT REQUESTED

Code No.	Name and Specification.
22 - 24 - 7665.	Separator.
7666.	- do -
7667.	- do -
8674.	Surface Plate. 910 x 500
11172.	Welding Machine. 20 KW.

TOTAL 5 P'cs.

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

Building Number 85

PARTS STORE

NOT REQUESTED

Code No.	Name and Specification.
22 - 24 - 1286	Portable Elec. Grinder
1287/1300	Portable Pneumatic Drill
1302/1320	Portable Pneumatic Hammer
1697/1699	Hack Sawing Machine
1700	Shearing Machine
1702	Hack Sawing Machine 2H.P.
1710	Locomotive Crane, Steam 5 tons.

TOTAL 40 P'cs.

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

INTEGRATED FACILITY

Building Numbre 85.

MACHINE SHOP NO.5

NOT REQUESTED

Code No.	Name and Specification.
22 - 24 - 7690	Chain Block. 2 Ton.
7691	- do - 1.5 "
7692	- do - 1 "
7693	- do - 1 "
7694	- do - 1 "
8675	Surface Plate. 3,000 x 1,250
8676	- do - 900 x 900
8677	- do - 830 x 830
8678	- do - 900 x 500
8679	- do - - do -
8684	- do - 600 x 600
8685	- do - 500 x 500
8686	- do - 470 x 470
13119	Balancing Machine. 500 Kg.

TOTAL 14 P'cs.

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

INTEGRATED FACILITY MACHINE SHOP NO. 5

Building Number 85

NOT REQUESTED

Code No.	Name and Specification.	Quantity;
	HAND TOOL:-	
22 - 24 - 21151	Drivers.	780 Pcs.
21152	Gravers.	35 "
21153	Gimlets.	6 "
21154	Spanners Double Head.	86 "
21155	" Single Head;	183 "
21156	" Double Head.	3,204 "
21157	Chain Nose Pliers.	35 "
21158	Pipe Pliers.	57 "
21159	Squares.	704 "
21160	Straight Edge.	24 "
21161	Chain Nose Pliers.	20 "
21162	Cutting Pliers.	1,000 "
21163	Hammer.	11 "
21164	Hachetes.	5 "
21165	Plane for Wood Working.	260 "
21166	- do -	34 "
21167	Saw Hand.	5 "
21168	- do -	25 "
21169	MEASURING TOOL;	
	Snap Gauge, Double Head.	556 "
21170	Morse Taper Gauge.	2 "
21171	Thread Gauge.	13 "
21172	Tape Cloth.	19 "
21173	Convex Rule.	4 "
21174	Cutting Tool,;-	
	Twist Drill, Taper Shank.	144 "
21175	- do -	173 "
21176	Straight Shank.	24,540 "
21177	Metal Slitting Saws.	643 "
21178	Spiral & Mills.	1,303 "
21179	Side Milling Cutter.	45 "
21180	Concave Cutter.	42 "
21181	Angular Cutter.	6 "
21182	Special Cutter.	98 "
21183	H.S. Tip Bite.	66 "
21184	Thread Cutting Bites.	349 "

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

MACHINE SHOP NO.5

Building Number 85

NOT REQUESTED (Continued)

Code No.	Name and Specification.		
	CUTTING TOOL:-		
22 - 24 - 21185	Thread Cutting Bites.	197	P'cs.
21186	Wood Working Bites.	84	"
21187	Sword Edge Type Bite.	2,612	"
21188	Comb Type Bite.	38	"
21189	Twist Drill Straight Shank.	460	"
21190	Hand Tap.	2,934	"
21191	- do -	517	"
21192	Machine Taps.	300	"
21193	- do -	529	"
21194	Hand Taps.	168	"
21195	Round Pice.	117	"
21196	- do -	2,472	"
21197	- do - Gas.	436	"
21198	Die Head Chasers.	478	"
21199	Hand.	98	"
21200	Hack Saws Blade.	455	"
21201	Files Hand.	102	"
21202	Files Round.	1,171	"
21203	Files Half Round.	48	"
21204	Instrument Knife - Switches.	153	"
21205	- do -	495	"
21206	- do -	229	"
21207	- do -	3	"
21208	- do -	3	"
21209	- do -	1	"
21210	- do -	5	"
21211	- do -	3	"
21212	- do -	2	"
21213	- do -	3	"
21214	- do -	1	"
21215	Instrument Pressure Gauge Oil.	10	Sets.
21216	Instrument Pressure Gauge.	2	"
21217	" Lathe Dogs.	25	P'cs.
21218	" Helmet for Welding.	135	"
21219	" Rubber Tube.	805	M.
21220	" Flash.	30	P'cs.
21221	" Cocks Glass	33	"
21222	" Hole Pipets.	20	"
21223	" Burettes.	6	"
21224	" Filters Glass.	89	"
21225	" Safety Finnal.	7	"
21226	" Pump Water.	28	"
21227	" Glass	50	"
21228	" Porcelain Conbusion Tube.	7	"

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

MACHINE SHOPE NO. 5

Building Number 85

NOT REQUESTED

Code No.	Name and Specification.	
22 - 24 - 21229	Instrument Cooler.	2 P'cs.
21230	" Padlocks.	37 "
21231	Belt Leathings.	21,296 "
21232	Fire Bricks-	769,000 P'cs.
21233	Vices, Parallel Bench.	510 Sets.
21234	Measuring Tool;	
	Micrometer	6 Sets.
21235	" " Thread.	4 "
21236	" " Depth.	1 P'ce.
21237	" Standard Screw Gauge.	9 "
21238	" - do -	6 "
21239	" Snap Gauge "X" type.	85 "
21240	" - do - "C" "	39 "
21241	" Plug Guage.	168 "
21242	Instrument Megger.	1 "
21243	" "	1 "
21244	" Chemical Balance.	3 Sets.
21245	" Megger.	1 P'ce.
21246	" Three Wire Thread-Indicator.	2 Sets.

TOTAL 97 P'cs.

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

Building Number 116.

KYOTOFU GIYOGU PRODUCE ASSOCIATION BOILER PLANT

NOT REQUESTED

Code No.	Name and Specification
22 - 24 - 1730	Boilder Firetube Locomotive Hand, Fire Type.

TOTAL 1 P'cs.

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

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

GLS/fsn

Ref: [redacted]

AG 00[illegible] - BA

1 AUG 1946

SUBJECT: Permit for Reconversion from War Production and for Resumption of Production of Essential Civilian Commodities.

TO: Nipponkai Kogyo K.K. (Japan Sea Industrial Co., Ltd.)
(Name and Address of Firm)

Maizuru City, Kyoto Prefecture (see Annex 1 hereto)

1. a. In accord with paragraph 3, b, Directive Number Three (3) from the Supreme Commander to the Imperial Japanese Government, dated 22 September 1945, the Nipponkai Kogyo Kabushiki Kaisha (Name of Firm) is permitted to immediately start production of a. Pulverized foodstuffs (Name of Items)

b. Bread (NOTHING FOLLOWS)

b. Maximum production currently authorized is (unlimited)

2. The acquisition 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 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 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.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

O. H. SCHMIDT
MAJOR, AGD
ASST. ADJ. GEN.

Info copy to:
SCAP (Attn: ESS) (1) (w/incl)
SCAP (Attn: G-2) (1) (w/incl)
CG Eighth Army (1) (w/incl)
(Attn: Mil Govt)
CO Kyoto MG Team (1)
Kyoto Liaison Office (1)
Governor of Prefecture concerned (1)

1 Incl
ANNEX 1

CO Kyoto Mil Govt Team

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

ANNEX 1

This permit authorizes the Nipponkai Kogyo K.K. temporary use of the baking facilities of the Maizuru Naval Yard, Munition Department, until such time as the equipment and facilities are to be removed for reparations. The above mentioned company will be under obligation of all previous directives from the Supreme Commander for the Allied Powers to the Imperial Japanese Government, to take necessary measures to insure that all equipment of this plant is maintained in proper condition.

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

Ltr, 103rd Mil Govt Co., Maizuru Detachment, dated 12 July 1946, Subj: "Application For Use of Former Navy Bakery at Maizuru".

AG 004.04 (MG) 3rd Ind. Em

26 JUL 19

Headquarters Eighth Army, APO 343.

TO: Commanding General, I Corps, APO 301.

The recommendation contained in paragraph 3 of the basic communication is approved. The permit will not specify a definite length of time for the operation of this activity.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

1 Incl:
n/c

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

AG 004 - BA 4th Ind EHN/yo

Hq I Corps, APO 301, 3 AUG 1946

TO: CO, Kyoto Mil Govt Team, APO 713.

Under date of 1 August 1946, this headquarters issued a permit to the Nippon Kai Kogyo K.K. authorizing the company to use the ovens and bakery facilities of the bakery attached to the Maizuru Navy Yard. Two copies of this permit are inclosed. You are directed to forward the original copy to the subject company.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

O. H. SCHMIDT
MAJOR, AGD
ASST. ADJ. GEN.

1 Incl:
1. Application (w/d)
Added:
2. Permit (dup)

Kyoto Mil Govt

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

103 MILITARY GOVERNMENT COMPANY
MAIZURU DETACHMENT
APO 713

12 July 1946

SUBJECT : Application For Use of Former Navy Bakery at Maizuru

TO : C.O. Kyoto Detachment, 103rd Mil. Gov. Co., APO 713.

1. Forwarded herewith is application of Nipponaki Kogyo for permission to use the bakery formerly belonging to the Maizuru Supply Depot.

2. This bakery consists of three large ovens, a kneading machine, and a rolling and cutting machine. Being a part of the Maizuru Navy Yard, it is presumed to be OD-5 machinery.

3. It is believed that the use of the bakery would be of assistance in alleviating the impending food shortage in Maizuru. Therefore, this office recommends that a temporary permit be issued to Nipponkai Kogyo to manufacture bread, for distribution by the municipal office. A six-months permit should be sufficient.

James D. Moffett

JAMES D. MOFF ETT
2d Lt, Inf
Military Gov't Officer

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

BASIC: Application For Use of Former Navy Bakery at Maizuru

1st Ind

Kyoto Mil Govt Team, APO 713 (Kyoto, Honshu) 16 July 46

TO: Commanding General, Hq I Corps, APO 301 (Kyoto, Honshu)
Attn: Mil Govt Section, Res. & Ind. Officer

1. Nipponkai Kogyo K.K. has complied with requirements stated in SCAP's Memorandum For: The Imperial Japanese Government, dated 18 April 1946, AG 004 (SCAPIN-882), subject: Applications for the Conversion of Military Arsenals and Laboratories.

2. Application in forwarded for higher Hq action. This Hq concurs with statement made by par. 3 of covering letter submitted by this Hq branch office in Maizuru.

HAROLD C SHEFFIELD
Major, QMC
SMGO

AG 004 - BA 2nd Ind EHN/tf

Hq I Corps, APO 301, 22 JUL 1946

TO: CG, Eighth Army, APO 343

1. Forwarded to your headquarters for necessary action in compliance with paragraph 1a of OD No. 34, Headquarters Eighth Army, 26 March 1946.

2. The application of the Nipponkai Kogyo K.K. for permission to use a portion of the Maizuru Supply Depot is supported by a recommendation of the Chief of the Finance branch of the Osaka Prefecture. Inasmuch as the use of this equipment does not interfere with the maintenance of machinery subject to reparations, and the purpose to which it is to be

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

-M.G.

BASIC: Ltr, 103rd Mil Govt Co, Maizuru Detachment, Subj: "Application For Use of Former Navy Bakery at Maizuru", dtd 12 July 1946, contd.

put is highly commendable, this headquarters concurs in the recommendation that the Nipponkai Kogyo K.K. be permitted temporary use of the equipment which it desires.

3623

FOR THE COMMANDING GENERAL:

KARL W. MARKS
Lt Col, AGD
Adjutant General

1 Incl:
Not previously listed
1. Application (quad)

DECLASSIFIED

HQ, EIGHTH ARMY

BA10886

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

GHQ, AFPAC
26 JUL 1946
AG 095
8th ARMY FILE NO. AG 004.0

103 MILITARY GOVERNMENT COMPANY
MAIZURU DETACHMENT
APO 713

27 June 1946

SUBJECT : Applicatio n of Nipponkai Kogyo K.K.

TO : C.O. Kyoto Detachment, 103d Mil. G ov. Co.
Attention: Commerce and Industry Section.

1. Submitted herewith is application for conversion filed by Nippon Kai Kogyo K.K.

2. This company is applying for permission to operate a medicine, glass, pottery and woodworking shop in the wa rehouses fo rmerly occupied by the Supply Department of the Maizuru Naval Yard. The machinery in this plant falls under the provisions of OD-5. The subject company is a t present occupying the plant and caring for the machinery under supervision of this office. They have been permitted to temporarily use the wood-working machinery for the prupose o f producing lumber for rebuilding destroyed h ousing.

3. This office has closely supervised a nd observed the work of Nippon Kai Kogyo. It is the opinion of this office that continued use of the machinery and buildings by this company for the purposes requested will not impair the future availability of machines for reparations purposes. Recommend that the subject factory be granted permission to operate.

James D. Moffett.
JAMES D. MOFFETT
2d Lt, Inf
Military Gov't Officer

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

GHQ, AFPAC
29 JUL 1946
AG 095

BASIC: Application of Nippon Kai Kogyo K. K.

1st Ind

Kyoto Mil Govt Team, APO 713 (Kyoto, Honshu) 15 July 46

TO: Commanding General, Hq I Corps, APO 301 (Kyoto, Honshu)
Attn: Mil Govt Section, Res. & Ind. Officer

1. Proper procedure has been complied with in reference to SCAP's Memorandum For: The Imperial Japanese Government, dated 18 April 46, AG 004 (SCAPIN-882), Subject: Application for the Conversion of Military Arsenals and Laboratories.

2. Subject plant plans, it permission is granted, to use reparation machinery mentioned in par. 6 of attached application to produce items mentioned in par. 2 of basic communication.

3. This Hq concurs with opinion made in par. 3 of basic communication from this Hq branch office in Maizuru.

Harold C Sheffield
HAROLD C SHEFFIELD
Major, QMC
SMGO

2 Incl
1. Statement made by Director of Ministry of Finance in Osaka (4cc)
2. Application for Reconversion and utilization of subject area (4cc)

pl/0400

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

M.G.

BASIC: Ltr, 103rd Mil Govt Co, subj: "Application of Nipponkai Kogyo K.K.", dtd 27 Jun 46.

AG 004 - BA

2nd Ind

EHN/ckw

3499

Hq I Corps, APO 301, 20 JUL 1946

TO: CG, Eighth Army, APO 343.

1. Forwarded to your headquarters for necessary action in compliance with paragraph 2d of OD No. 35, Headquarters Eighth Army, 18 January 1946.

2. This headquarters concurs in the recommendation that the Nippon Kai Kogyo K.K. be permitted to use the buildings and machines of the Maizuru Naval Yard which it requests. The company wishes to make use of a small portion of this naval yard, and the use of 35 machine tools and numerous warehouses are involved in this application.

3. The activities of this factory would consist of the production of glass, pottery, medicine and the operation of a woodworking shop. The application is supported by a statement of the directory of the Ministry of Finance, Osaka Office. The Kyoto Military Government Team states that use of this area by the company will not interfere with proper preservation and care of the machinery involved.

4. This headquarters recommends approval of the request for the use of subject facilities and equipment.

FOR THE COMMANDING GENERAL:

O.H. Schmidt
O. H. SCHMIDT
MAJOR, AGD
ASST. ADJ. GEN.

2 Incls:
n/c

CHAD AD
AG 025

CG, Eighth Army

BA/0400

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

Ltr, 103rd Mil Govt Co., dated 27 June 1946, Subj: "Application of Nipponkai Kogyo K.K.".

AG 004 (MG) 3rd Ind. Em 25 JUL 1946

Headquarters Eighth Army, APO 343.

TO: Supreme Commander for the Allied Powers, APO 500.

1. Submitted in compliance with instructions in sub-paragraph 2d, letter your headquarters, file AG 004 (13 January 1946) ESS/IN/GD, dated 13 January 1946, subject: "Preservation of Japanese Industrial Facilities".

2. Approval of the application of the Nipponkai Kogyo K.K. to use a part of the Maizuru Naval Arsenal to produce the items outlined in sub-paragraph 5a3 of the application is recommended.

FOR THE COMMANDING GENERAL:

2 Incls:
n/c

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

GO APAD 20 Keep AG 095

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

BASIC: Ltr, 103rd Mil Govt Co, dated 27 June 1946, subj: "Application of Nipponkai Kogyo K.K.".

AG 095 (27 Jun 46)ESS/IN 4th Ind.

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED FORCES, APO 500, 22 August 1946

5180

TO: Commanding General, Eighth Army, APO 343.

1. The temporary operation of the woodworking shops under your custody and control is approved.

2. Machinery in arsenals is now being inventoried for reparations removal. In order to minimize future disruption of the civilian economy upon removal of reparations machinery, industrial concerns should be encouraged to establish their factories with machinery that is free from reparations claims. The conversions requested are not favorably considered.

By command of General MacARTHUR:

J. A. Hacker
for A. [illegible] CNO
Major, AGD
Asst Adj Gen

2 Incls:
n/c

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

MC

Ltr, 103rd Mil Govt Co, subject: "Application of Nipponkai Kogyo K.K." dated 27 Jun 46.

AG 004.04 (MG) 5th Ind. Em

29 AUG 1946

Headquarters Eighth Army, APO 343.

TO: Commanding General, Headquarters I Corps, APO 301.

1. Attention is invited to the fourth Indorsement.

2. The temporary operation of the woodworking shops is approved. The reconversion application is not favorably considered.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

R. Schafer

R. SCHAFER
Lt.Col., AGD.
Asst. Adjutant General.

HQ. I CORPS
AG 004

8

2 Incls:
n/c

AG 004 - BA 6th Ind. EHN/mn

Hq I Corps, APO 301, 4 SEP 1946

TO: CO, Kyoto Mil Govt Team, APO 713

1. Your attention is invited to 4th indorsement.

2. Subject company will be permitted to temporarily use woodworking machines for producing lumber for construction work purposes. You will conduct a routine surveillance of the activities of subject company to insure proper maintenance of machinery subject to reparation removals.

3. Application by subject company which indicates the proposal of production of glass, pottery and medicine is disapproved.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

O. H. Schmidt

O. H. SCHMIDT
MAJOR, AGD
ASST. ADJ. GEN.

2 Incls:
n/c

BH/4503

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

REPORT OF THE BAKARY SHOP FOR OCT. 1946.
(Apart of the former NavalSupply office.)

To: C.O.Kyoto Mil. Gov't. Team.

Thru: Maizuru branch office.

From: Shunichi fukuda (President of the Nippenkai Kogyo K.K.) 10th Oct. 1946.

I, Pulverized feedstuffs and arrow-root flours

	Quantity(Kgs)	Menx Hours		Method
Cutting	5,000	75x 8	600	Circular saw
Dry	5500	85 x8	680	Oven
Milling	6,000	90 x8	720	Crasher
Removing lye	6,000	50 x 8	400	Hot water seperator

2, Breads,

We will produce beads with the request of the citizens shortly.

Signature

S. Fukuda

Shunichi Fukuda

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

6 June 1946

To: Commander 103rd Military Government Section.

From: Imperial Japanese Government.

Thru: Liaison Office, Kyoto.

Subject: The utilization of a part of former Maizuru Naval Supply Dept. (Nippon-kai Kogyo Kabushiki Kaisha).

After careful investigation of the annex application of the Nippon-Kai Kogyo Kabushiki Kaisha (Nippon-Kai Industrial Promotion Co. Ltd.) to utilize a portion of the former Maizuru Naval Supply Dept. for a manufacturing works of people's every day needy stuffs, we deem their purport is quite appropriate and endorsable for the reasons below mentioned. We therefore beg to ask most earnestly your early approvol for the above.

1) As the City of Maizuru has originally developed itself as a Naval port its principal establishments were naturally of Naval characters and those of manufacturing facilities for every day goods were exceedingly scarce if not nil and heretofore the people's demands for those goods were only met with the transported stuffs from Osaka & Kobe. But the most of the production centres of Osaka and Kobe were devastated by the air raid fires and all the remaining establishments in these area now are suffering, more or less ill effects of ~~inflation and sanction of depressed financial support,~~ the current financial situation, lack of materials, and poor transportation condition, and none of them is showing up their former activities. On the other hand aspect of

Incl 13

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

Maizuru City cannot but take a turn from a Naval port to one of the fishery centers of the northern coast of Japan and the future development of the City should be made along with these lines. To cope with the situation it is most desirous to speedly open up a manufacturing establishments such as the present scheme.

2) The portion of the former Naval Supply Dept. which Nippon-Kai Kokyo Kabushiki Kaisha aske to make use of for the production of medicine glasses for drugs (ample for injection) China goods, metal works and woodworks will, in our estimation, be most suitable. As they have former experiences & skill in these lines of business they can utilize the said establishments as soon as they start there.

3) For this kind of production perhaps there will be no other facilities than the above mentioned former naval establishments which can readily be make use of in Maizuru Area.

4) The site the applicant asked for is only 5510 sq meters for buildings and 9900 sq meters for the land altogether and it is the outside of the site your army now occupying and it will, we sincerely hope, in no way prejudice your occupational works.

5) All the products they aim to manufacture belong to the most needed staff of Japanese public and production they expect to turn out for the present is only the minimum quantity which can not be dispence with to meet the demand of them.

S. Ishii

S. Ishii
Director, MINISTRY OF FINANCE- Osaka Office.

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

Application for using warehouse of former Maizuru Supply Dept. as a civil industrial facilities.

To: C. O. 103rd Mil. Gov. Ld.
Thru: Maizuru Det.
Shunichi Fukuda, Hama in Maizuru City

June 1946

1. Name of facility — Nipponkai Kogyo K. K.
2. Location — Maizuru City, Kyoto Prefecture
3. Name of President — Shunichi Fukuda
4. History
   a. Date of construction — 30, Aug. 1941 at No. 807 Hama Maizuru City
   b. Date of first operation — 30, Oct. 1941 at Misoshiri Maizuru City
   c. 1935-1941 production (Annual valve in yen: quantities of principal products by units or weights) — None
   d. Present capitalization in yen ¥150,000
   e. Change made in capital structure since 1935
      No change — But practically real amount of capital using at present ¥1,200,000 and we will expect to change the capital to ¥3,000,000 till the end of 1946
   f. Name and address of parent company — None
      formerly: Hankyu Dept. Store Co.
      Osaka Sheiko Glass Co.
   g. Number of shares outstanding 3,000
   h. Number of stockholders (give names of those owing 10% or more of total)
      11 stockholders
      Shunichi Fukuda 1,000
   i. Funds received from Government (Bounties, Subsidies etc.)
      None
   j. Give outline sketch if plant lay out with approximate dimensions (see map)

Ground area	9,900 m2	
Office	280 m2	5,510 m2
Medicine plant (3 blocks)	2,200 m2	
Pottery plant	1,500 m2	
Glass plant	500 m2	
Wood plant	360 m2	
Metal plant	360 m2	
5 blocks of warehouse	310 m2	

5. Description
   a. Principal products
      1) War time — was not producing
      2) At present. — None
      3) Planned for 1946-47 Medicine, Glass, Pottery Metalworks, woodworks
   b. Capacity
      1) Wartime — None
      2) At present — None
      3) 1946-47 (with unrestricted access to materials) (per month)

Incl 12

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

Medicine	Cacl (for inject)	180,000 units
	Ca S. (for bath)	30,000 kg
Glass material	Amples (for inject)	
	Phial	
Pottery	vessel (pot) for drugs or foods	300,000 units
Timber		600 m3
Metal works	farming tools	3,000 units
	a portion of machinery	
	light repair of machine	

c. Number of Employees
1) Wartime None
2) At present 63
3) 1946-47 (At maximum capacity) 600

6. Machinery & Equipment in plant (give type, size use and maker's name)
Description quantity, condition, year of manufacture

MACHINERY SHOP

Description	quantity	condition	year of manufacture
Lathe (6 ft.2 HP Nishimori)	1	good	obscure
Lathe (6 ft.2 HP Karatsu)	1	"	
Pneumatic hammer (50kg. 5 HP Nippon Eng.)	1	"	March 1937
Shearing and Stamping machine (15 HP Yamakawa)	1	"	obscure
Shearing and Stamping machine (5 HP Okajima)	1	"	
Shaping machine (3 HP Nishimori)	1	"	Feb. 1937
Grinder (2 HP Nishimori)	1	"	obscure
Smith's hearth	1	"	
Drilling machine (2 HP)	1	"	
Horizontal milling machine (Hirano)	1	"	
Vertical milling machine (Yamatake)	1	"	
Horizontal milling machine	1	"	
Shaping machine (It's)	1	"	
Shaping machine (Juntai)	1	"	
Planing machine (Shanghai Zuisei)	1	"	
Crank press	1	"	
Precise lathe (4 ft.1 HP Riken)	1	"	
Gas welding machine	1	"	
Electric resistance welding machine (Osaka transformer)	1	"	

WOODEN SHOP

Band sawing machine (42" 20 HP Yamasaki)	1	"	obscure
Band sawing machine (36" 5 HP Nippon Eng.)	1	"	
Aut. wood planer (75 HP Mizutani)	1	"	
Moulding machine (1 HP Taiyo)	1	"	

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Saw setting machine (3HP Okamoto)	1	good	May 1932
Saw sharpener (3HP Okamoto)	1	"	May 1930
Tool grinder (3HP Okamoto)	1	"	obscure
Hand planer (3HP Tsuda)	1	"	May 1930
Hand planer (2HP Kikukawa)	1	"	March 1937
Band sawing machine (2HP Kikukawa)	1	"	obscure
Fret sawing machine (1HP Washino)	1	"	"
Circular sawing machine (3HP)	1	"	"
Ware houses	13	in need of repair	

7. Present stocks of Raw-Materials, Supplies and, Unfinished good

Description	quantity	condition
Soda ash for glass	20ton	good
Borap	500kg	"
Scrap	80ton	"
Lumbers	400m3	"
Lime for medicine	10,000kg	"
Sulphuric acid for medicine	600kg	"
Sodium sulphite for medicine	15,000kg	"

8. Present stocks of Finished goods None

9. Present stocks of Fuel

Description	quantity
Coal	50ton
Cokes	5ton
Firewood	10ton

10. Machinery & Equipment needed for maximum production 1946-47

1) Wooden shop
   - Band saw (42" with table vehicle) 1
   - Circular Saw (42" with table vehicle) 1

2) Machinery shop
   - Friction press engine 1
   - Lathe (6ft. or 8ft.) 2
   - Gear cutting machine 1

3) Pottery shop
   - Ball-mill (400kg) 2
   - Flatting-mill (Radius of stone 1.22m) 1

4) Medicine shop
   - Filter-press. D. C. Generator. Arrangment of electrolysis.

5) Glass shop Compressor (20 HP)
   (expected to be set up Aug. 1946)

11. Raw Materials & Supplies needed (monthly)

a. For present capacity

Description	quantity
Steel plate and bar	5ton
Lumber	300m3

b. For maximum

Description	quantity
Steel plate and bar	20ton
Lumber	1,000m3
(for pottery) Clay } expected	30ton approx
(for glass) Soda }	

12. Fuel needed (monthly) (Do not include present stocks)

Description	quantity
Coal	60ton
Cokes	15ton

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13. Additional personal needed (not locally available)

Special Skills	numbers
Glass shop	20
Pottery shop	10

14. Prices (give current selling prices in yen of principal products)

Description	Unit	Price
MEDICINE $CaCl_2$	kg	¥16.00
CaS_2	"	¥22.00
POTTERY WORK case	unit	¥ 1.00
GLASS WORK ample	"	¥ 0.08
METAL WORK hoe	"	¥18.00-30.00
WOODEN WORK timber		

15. Remarks (Include her any factors hampering production not already mentioned and any recommendations you consider necessary)
Please, read the annexed paper.

16. Certification by applicant
I certify that the information contained here in is true to the best of knowledge and belief.

Signed Shunichi Fukuda S. Fukuda

Title President

To: IO3MG, Maizuru

From: Mayor, Maizuru City

Subj: Temporary utilization of Former Naval Equipment

Location of equipment: Dried Bread Manufactory, former Naval Munition Office

Applicant: Nipponkai Kogyo Kabushiki Kaisha Ltd.

Nippokai Kogyo K.K. Ltd has submitted the application for temporary use of the above mentioned former naval equipments. I recommend the Company as competent to the application by the following reasons.

The food factory of Nipponkai Kogyo K.K. Ltd, located at Mizoziri Maizuru City, was designated by Kyoto prefectural Government as a regular factory of this prefecture for milling arrow-root, sea weed, potato vines and baking bread and dried bread, and the work is now favorably progressing. But their milling and baking equipments are not sufficient for

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

I recommend the Company as competent to the application for the following reasons.

The food factory of Nipponkai Kogyo K.K. Ltd, located at Mizoziri Maizuru City, was designated by Kyoto prefectural Government as a regular factory of this prefecture for milling arrow-root, sea weed, potato vines and baking bread and dried bread, and the work is now favorably progressing. But their milling and baking equipments are not sufficient for food production undertaken by the company.

If the company could make use of the above-mentioned equipments even for time being in accordance with the generous consideration on the part of the Allied Forces, it would contribute a long way toward the mollification of the food situation in Maizuru Area.

It is added that the food-stuff produced by the conpany would be sent to the Maizuru Branch of Food Cooperation for general distribution.

S. Kawakita

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

To: 103rd Military Goverment, Maizuru

From: Chief, Maizuru Branch, Osaka Finance Bureau

Subj: Temporary Utilization of Former Naval Equipments

After carefull investigation of the annexed Application of the Nipponkai Kogyo K.K. Ltd. to utilize the bread baking factory of former Maizuru Munition Office, we deem their purport quite appropriate in consideration of the reasons undermentioned.

We, therefore, beg to ask earnestly your early approval for the above application.

(I) As the food situation is expected to confront the worst condition toward the end of August the Company planned to utilize all available food resources. Being designated as a regular prefectural food factory, the company has launched already to mill arrow roots and to bake dried bread.

(2) As this work of the company aims to mollify the food

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~~undermentioned.~~

We, therefore, beg to ask earnestly your early approval for the above application.

(I) As the food situation is expected to confront the worst condition toward the end of August the Company planned to utilize all available food resources. Being designated as a regular prefectural food factory, the company has launched already to mill arrow roots and to bake dried bread.

(2) As this work of the company aims to mollify the food crisis in Maizuru Area, they must produce food-stuff as much as possible in a short time.

(3) But the present milling and baking equipment of the company are too short to fulfill the minimum food demand in Maizuru Area.

The above-mentioned establishments in the former Naval Munition Office has a large scale of equipments for producing bread. If the Company is permitted to use the establishment,

we will be able to obtain more food-stuff and expect to alleviate the food situation.

(4) As the company expect by their scheme to mollify the food crisis, We hope that they would be given the permission for the temporary use of the equipments in question.

I. Hanada

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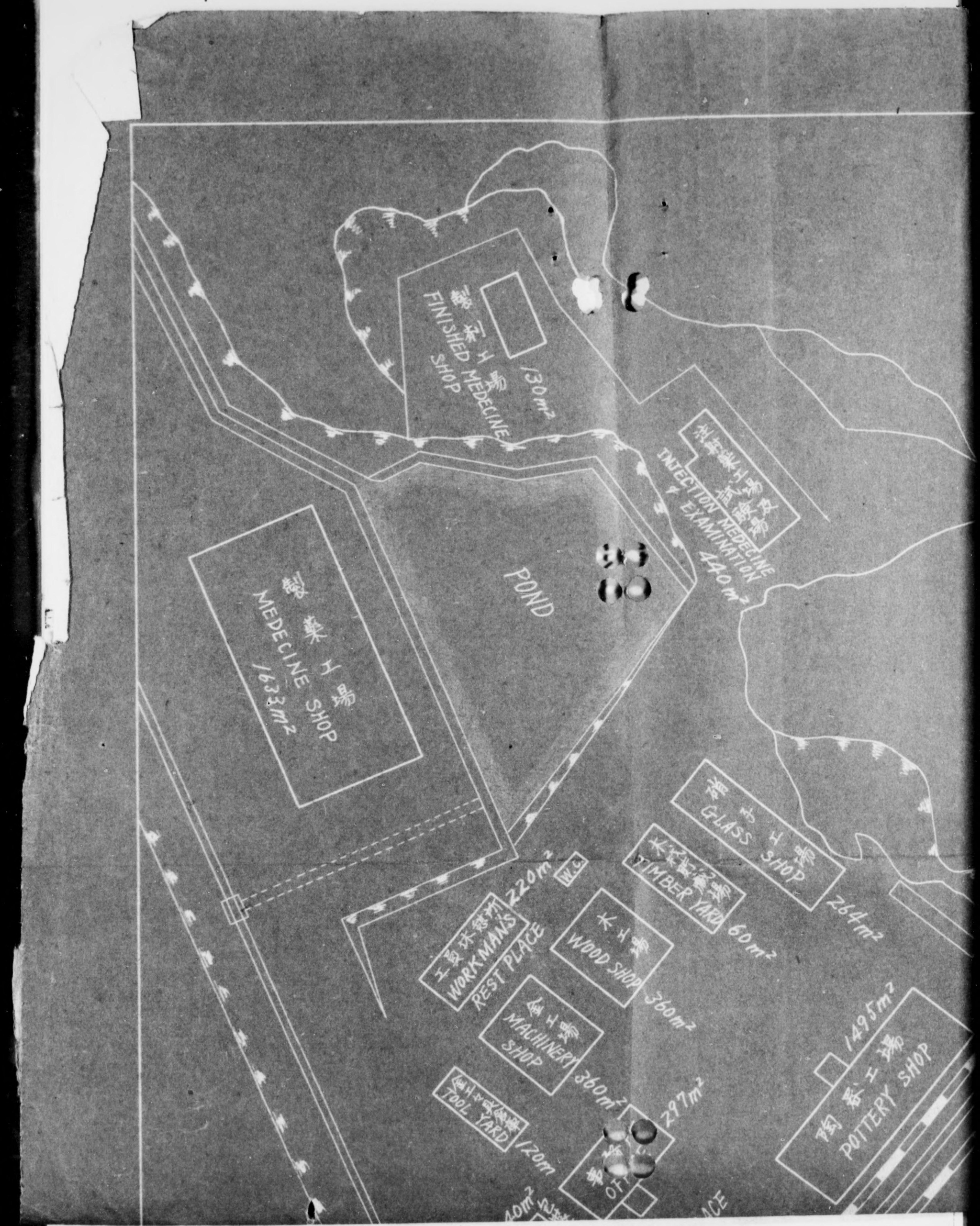

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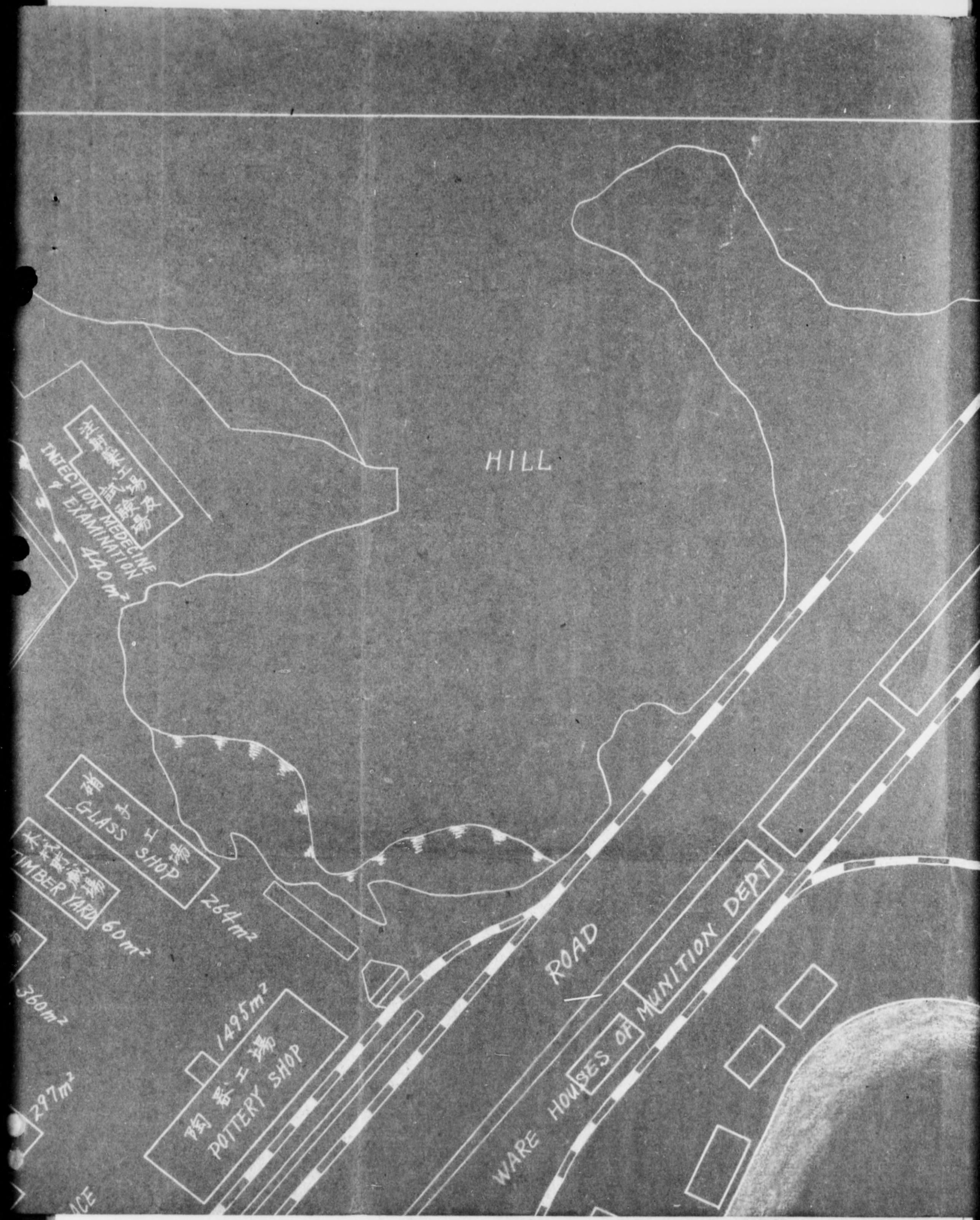

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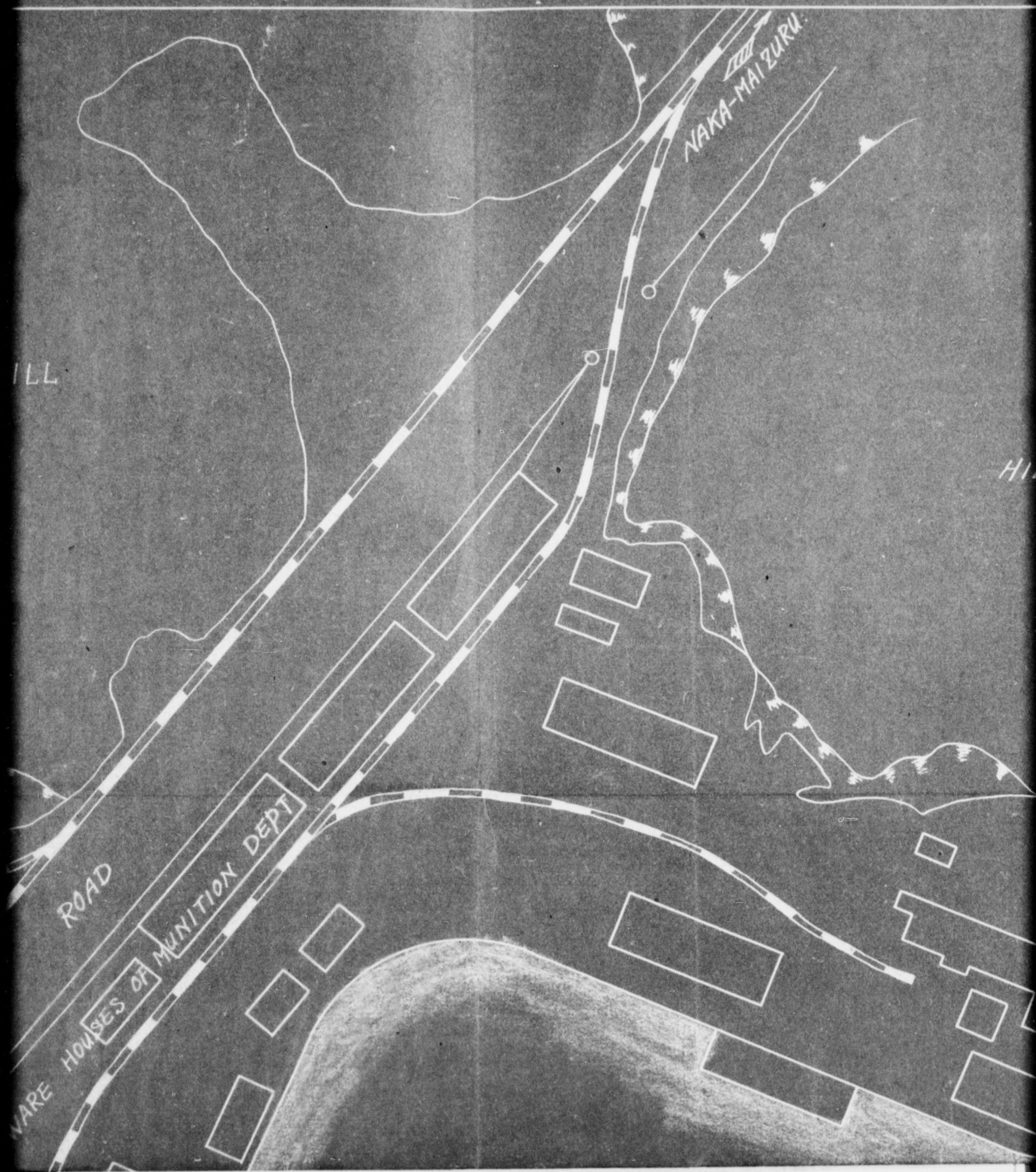

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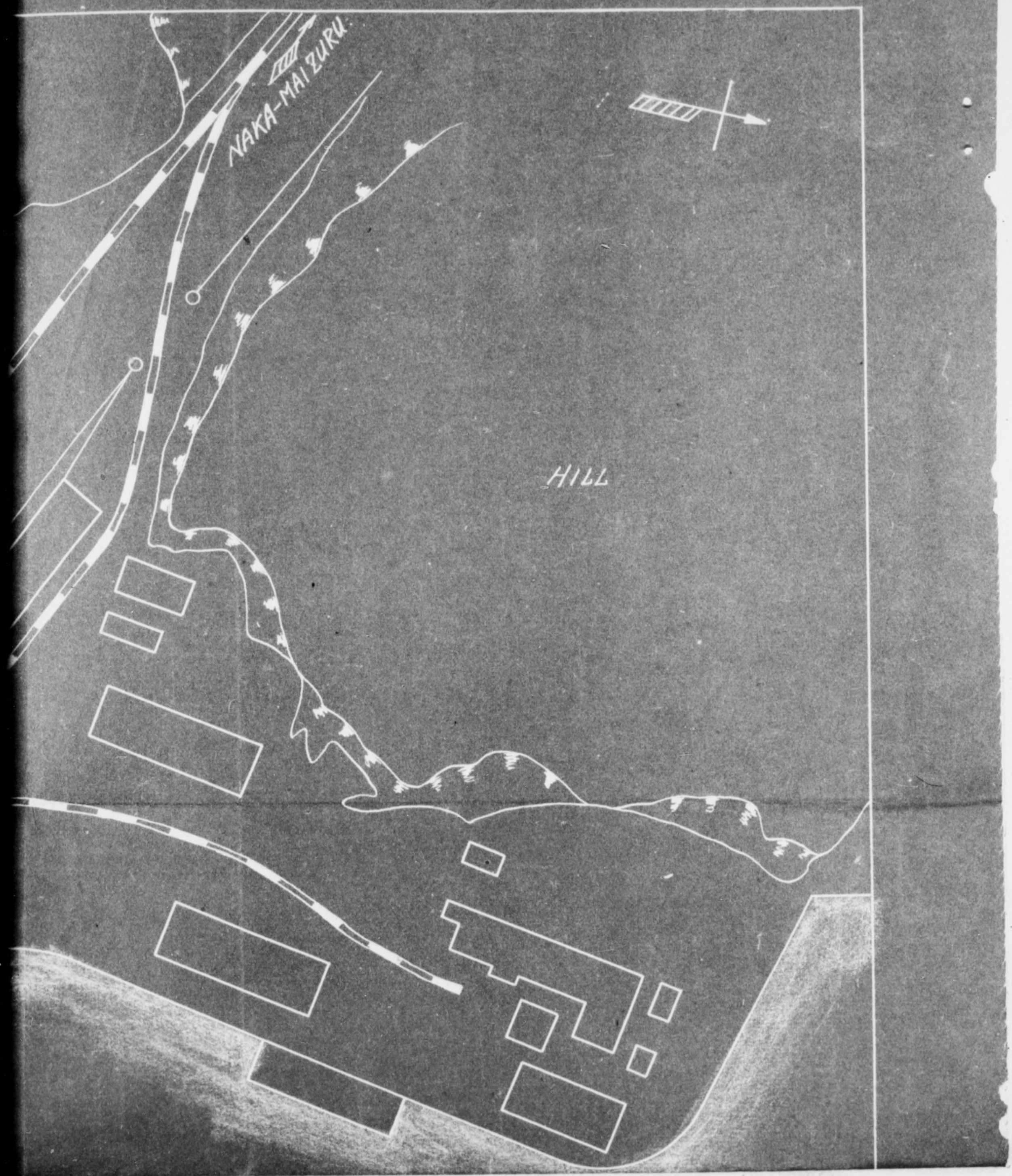

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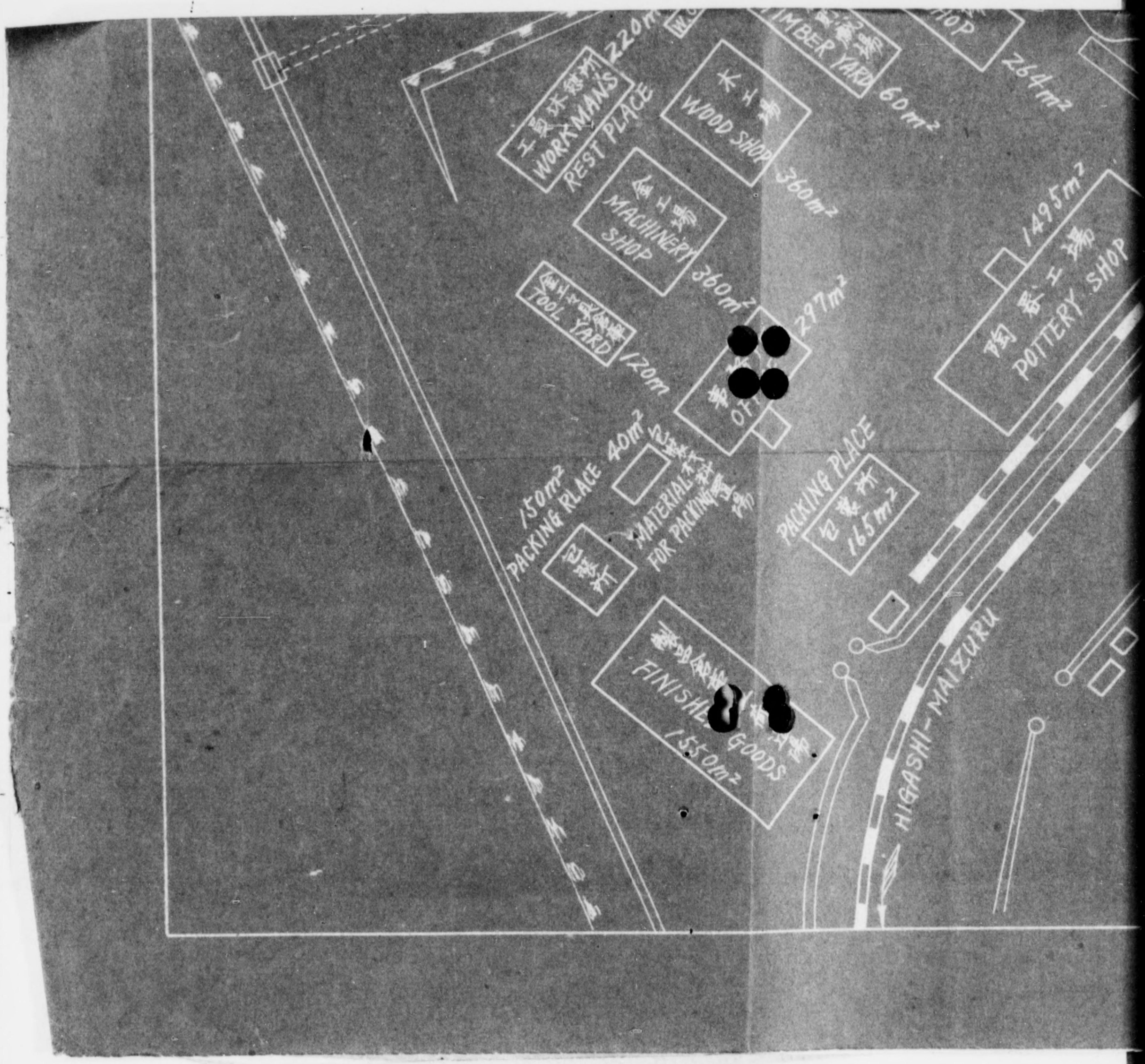

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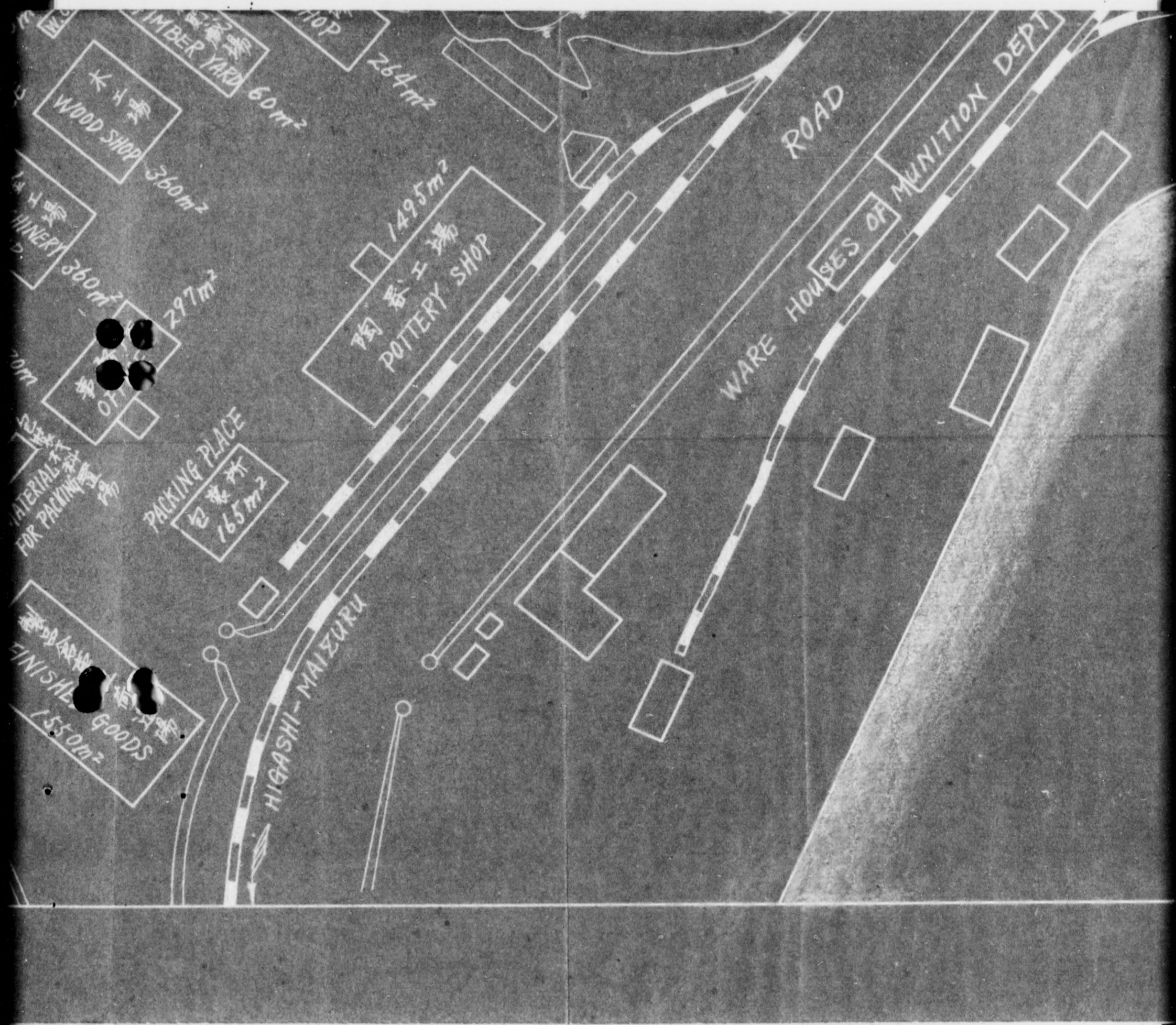

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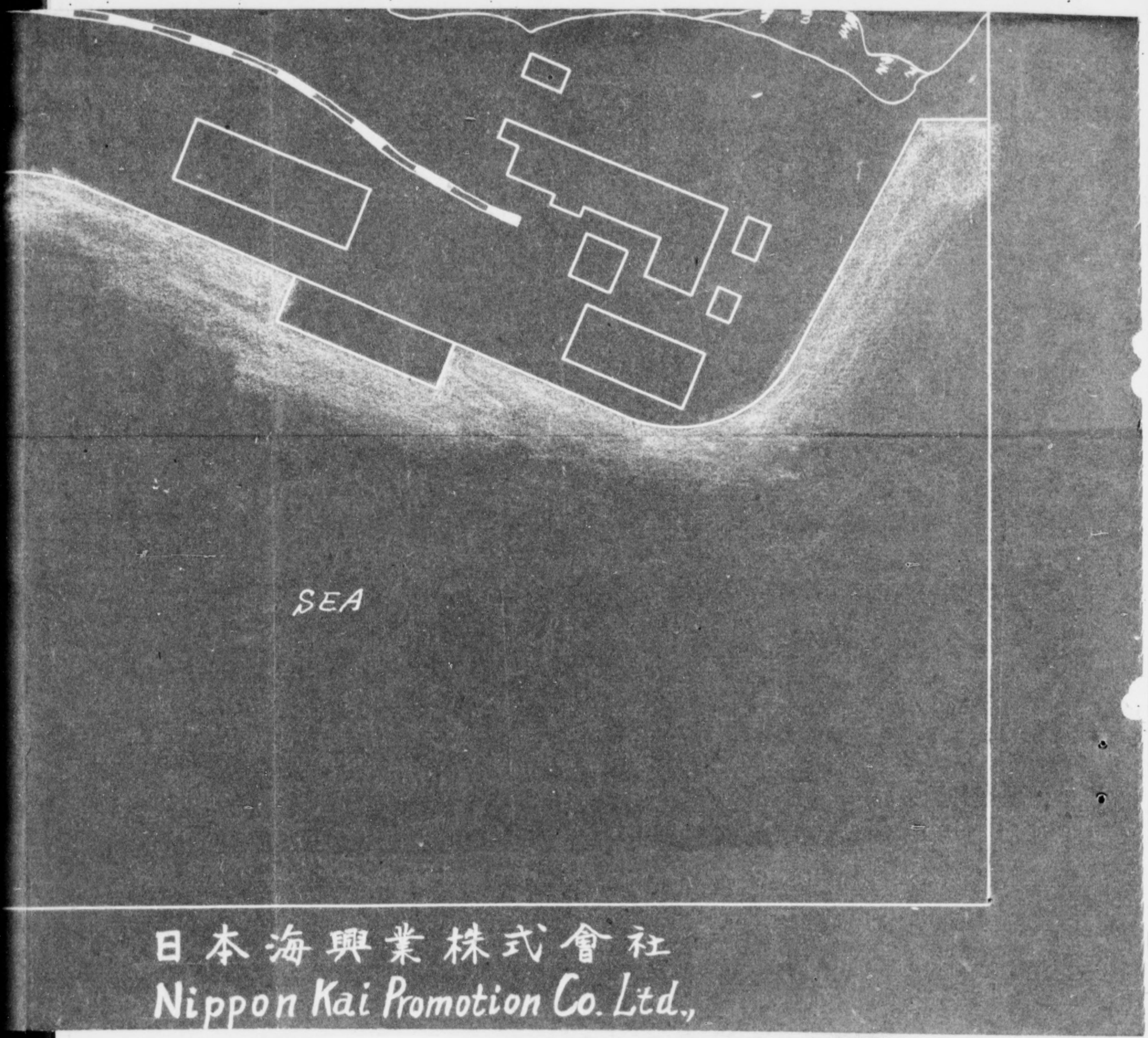

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Stale
set up file
RECONVERSION

JAMES F. HYLAND
Lieut. Col. A. C.

103 MILITARY GOVERNMENT COMPANY
MAIZURU DETACHMENT
APO 301

20 April 1946

SUBJECT: Reconversion of Nippon Kogyo Kaisha

TO : Commanding General, Eighth Army, APO 343
Attention: Military Government Officer

1. It is recommend ed that subject application be disapproved.

2. At the conclusion of the war, the local Navy commanders were consolidated into a branch of the Second Demobilization Bureau. They formed an advisory committe e on industry, whose purpose it was to analyze the peacetime industrial potential of the Maizuru Navy Yard and select local industrialists to operate selected sections for specified purposes. Applications for reconversion are subsequently made up by an administrative section of Second Demobilization Bureau in the name of the industrialist selected. Properties concerned are covered by G/D-5 Operational Directive No 5, Hq. Eighth Army.

3. In case of subject application investigation has disclosed that in it already being operated "under contract of Second Demobilization Bureau" and without written approval of the Japanese Government or SCAP. Products in current manufacture include parts for another factory under ownership of this same firm.

4. It is believed to be a violation of the spirit of a new Japan to grant permits to industrial concerns so intimately tied and obligated to the military, and who concurrently display a disregard for the established SCAP regulations covering industrial reconversion.

FRANKLIN PRAGER
1st LT., TC
Military Gov't Officer

Incl: Application for reconversion (six)

Info Copy
Orig to Kyoto Detach

Applic tion for using ware house of Maizuru Munition Dept.as an Civil industorial.facilities.

To: C.O.1o3rd Mil.Gov.Ld.

Thru: Maizuru Dev.

Shunichi Fukuda, No807, Hama, Maizuru City
name and adress of reporting unit

April 17th 1946
Date

1. Name of facility NIPPONKAI KOGYO KAISHA

2. Location HIGASHIMAIZURU CITY, KYOTO PREFECTURE

3. Name of President SHUNICHI FUKUDA

4. History

a. Date of construction 30 Aug.1941 at No.807 HIGASHIMAI-ZURU

b. Date of first Operation 30 Oct.1941 at MIZOJIRI HIGASHIMAIZURU

c. 1935-1941 production (Annual value in Yen: quantities of principal products by units or weights)

None

d. Present Capitalization in Yen ¥600,000

e. Changes made in capital structure Since 1935

No change But practically real amount of Capital using at present ¥1,200,000

f. Name and Adress of parent company None

(formerly: Hankyo Dept.Store Co. Osaka Seiko glass Co.)

g. Number of ~~stockholders~~ shares outstanding 3,000

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

To: C.O. 103rd Mil.Gov.Ld.

Thru: Maizuru Dev.

Shunichi Fukuda, No807. Hama, Maizuru City
name and adress of reporting unit

April 17th 1946
Date

1. Name of facility NIPPONKAI KOGYO KAISHA

2. Location HIGASHIMAIZURU CITY, KYOTO PREFECTURE

3. Name of President SHUNICHI FUKUDA

4. History

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b. Date of first Operation 30 Oct.1941 at MIZOJIRI HIGASHIMAIZURU

c. 1935-1941 production (Annual value in Yen: quantities of principal products by units or weights)

None

d. Present Capitalization in Yen ¥600,000

e. Changes made in capital structure Since 1935

No change But practically real amount of Capital using at present ¥1,200,000

f. Name and Adress of parent company None

(formerly: Hankyo Dept. Store Co. Osaka Seiko glass Co.)

g. Number of ~~stockholders~~ shares outstanding 3,000

h. Number of stockholders (give names of those owing 10% or move of total-all stock holder ~~SHUNICHI FUKUDA~~ ~~1,999~~
SHUICHI HUKUDA 1,000

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

i. Funds received from Goverment(Bounties, Subsidies, etc.)

None

j. Give outline sketch of plant layout with approximate dimensions.(See map A)

Ground area	9900m²	
Office	280m²	5510m²
Medecine plant(3brocks)	2200m²	
Pottery plant	1500m²	
Glass plant	500m²	
Wood plant	360m²	
Machine plant	360m²	
5 brocks of ware house	310m²	

5. Description

a. Principal products

1. Wartime was not producing

2. At Present None

3. Planned for 1946-47 Medecine Glass, pottery

b. Capacity

1. Wartime None

2. At present None

3. 1946-47(with unrestricted access to materials)

(per month)

Medecine	for inject(cal/cl)	180,000unit
	for bath (gas)	30,000 kg

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

dimensions.(See map A)

Ground area	9900m²	
Office	280m²	5510m²
Medecine plant(3brocks)	2200m²	
Pottery plant	1500m²	
Glass plant	500m²	
Wood plant	360m²	
Machine plant	360m²	
5 brocks of ware house	310m²	

5.Description

a.Principal products

1.Wartime was not producing

2.At Present None

3.Planned for 1946-47 Medecine Glass,pottery

b.Capacity

1.Wartime None

2.At present None

3.1946-47(with unrestricted access to materials)

		(per month)
Medecine	for inject(ca/cl)	180,000unit
	for bath (cas)	30,000 kg.
Glass material		30,000kg.

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Pottery (100gr./pot)	300,000 unit
" Wooden box (1m³/unit)	15,000 unit
Bucket, hoe, etc.	~~3,000~~ 3,000 unit

c. Number of Employees

1. Wartime None

2. At Present 63

3. 1946-47 (At maximum capacity) 600

6. Machinery & Equipment ~~of~~ in plant (give type, size, use, and maker~~s~~'s name)

Description	Quantity	Condition
Machinery shop	1	good
Lathe (6 ft. 2Hp. Nishimori)	1	good
Lathe (6ft. 2H.P. Karatsu)	1	good
Pneumatic hammer (50kg. 5H.P. Nippon Eng.)	1	good
Stamping machine (5H.P. Okajima)	1	good
Shaping machine (~~2~~ 17inch, 3H.P. Nishimori)	1	good
Stamping machine (15H.P. Yamakawa)	1	good
Shaping machine (17inch, 3H.P Nishimori)	I	good
Grinder (2H.P Nishimori)	I	good
Drilling mochine (2 H.P)	I	good
Milling machine (H.P) Hirans, Yamatake)	2	good
Smith's hearth	I	good

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

Wooden box (1m³/unit)	15,000 unit
Bucket, hoe, etc.	~~3,000~~ 3,000 unit

c. Number of Employees

1. Wartime None

2. At Present 63

3. 1946-47 (At maximum capacity) 600

6. Machinery & Equipment ~~of~~ in plant (give type, size, use, and maker~~s~~'s name)

Description	Quantity	Condition
Machinery shop	1	good
Lathe (6 ft. 2Hp. Nishimori)	1	good
Lathe (6ft. 2H.P. Karatsu)	1	good
Pneumatic hammer (50kg. 5H.P. Nippon Eng.)	1	good
Stamping machine (5H.P. Okajima)	1	good
Shaping machine (~~2~~ 17inch, 3H.P. Nishimori)	1	good
Stamping machine (15H.P. Yamakawa)	1	good
Shaping machine (17inch, 3H.P Nishimori)	I	good
Grinder (2H.P Nishimori)	I	good
Drilling mochine (2 H.P)	I	good
Milling machine (H.P) Hirans, Yamatake)	2	good
Smith's hearth	I	good
Wooden shop	I	good
Band saw (20 H.P. Yamazaki iron)	I	good

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

(5H.P. Nippon timbes)	I	good
Circular saw (3H.P. Nippon timbes)	I	good
Aut wood planing (7.5 H.P. Mizutani)	I	good
Hand wood planing (3H.P. Mizutani)	I	good
Mouldin machine (IH.P. Taiys)	I	good
Tool-Grinder (3H.P. Okamoto)	I	good
Ware house	I2	good

7. Present Stocks of Raw-Materials, Supplies and Unfinished good

Description	Quntity	Condition
soda ask for glass	20Ton	good
B.A. Birox	500kg	good
Steel Scrap	I00ton	
Lumbers	400m	))

8. Present stocks of Finished Goods

None

9. Present stocks of Fuel

Description	Guantity
Cool	60 ton
Cokes	I0ton
Fire wood	I0ton

I0. Machinery & Equipment needed for maximum production I946-47

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

Hand wood planer (3H.P. Mizutani)	I	good
Moulding machine (IH.P. Taiys)	I	good
Tool-Grinder (3H.P. Okamoto)	I	good
Ware house	I2	good

7. Present Stocks of Raw-Materials, Supplies and Unfinished good

Description	Quntity	Condition
soda ash for glass	20Ton	good
Borax	500kg	good
Steel Scrap	I00ton	
Numbers	400	))

8. Present stocks of Finished Goods

None

9. Present stocks of Fuel

Description	Guantity
Cool	60 ton
Cokes	I0ton
Fire wood	I0ton

I0. Machinery& Equipment needed for maximum production I946-47

Description	quantity
Glass shop Compressor (20H.P.)	I
(expected to be set up Aug.46)	
Pottery shop Ball-mill (15H.P.)	1
(expected to be set up Aug.46)	

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

Wooden shop	Lath(6ft.)	1
Machinery shop	Lath(6ft.or 8ft.)	2
	Gear cutting machine	1

11.Raw Materials & supplies needed(monthly)

a.For present capacity

Description	Quantity
Steel plate & bar	5ton
Lumber	750m³

b.For maximum

Description	Quantity
Steel plate & bar	60ton
Lumber	2600m³
(for pottery) clay } expected	
(for glass) Soda }	30ton aprox

12. Fuel needed(monthly)(Do not include present stocks)

Description	quantity
Coal	~~60~~ 60ton
Cokes	15ton

13.Additional personal needed (not locally available)

Special Skills	numbers
Glass shop	20
Pottery shop	10

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

Machinery shop Lathe(sft.or sft.) 2

Gear cutting machine 1

11.Raw Materials & supplies needed(monthly)

a.For present capacity

Description	Quantity
Steel plate & bar	5ton
Lumber	750m³

b.For maximum

Description	Quantity
Steel plate & bar	60ton
Lumber	2600m³
(for pottery) clay } expected	
(for glass) Soda }	30ton aprox

12. Fuel needed(monthly)(Do not include present stocks)

Description	quantity
Coal	~~60~~ 60ton
Cokes	15ton

13.Additional personal needed (not locally available)

Special Skills	numbers
Glass shop	20
Pottery shop	10

14.Prices(give current selling prices in yen of principal products) Description Unit price

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

expecting

Medecine	Cacl	kg	¥16,00
	Cas	"	¥22,00
Glass work	ample	unit	¥0.08
Pottery work	case	unit	¥1,00
~~¥0t/0t/~~ metal-work	Bucket	"	¥35,00
	hoe	"	¥18,00
Wooden work	box(1m)	"	¥28,00

15.Remarks(Include her any factors hampering production not already mentioned and any recomendations you consider necessary) Please,read the annexed paper.

16.Certification by applicant

I certify that the information contained here in is true to the best of knowledge and belief.

Signed SHUNICHI FUKUDA S. Fukuda

Title President

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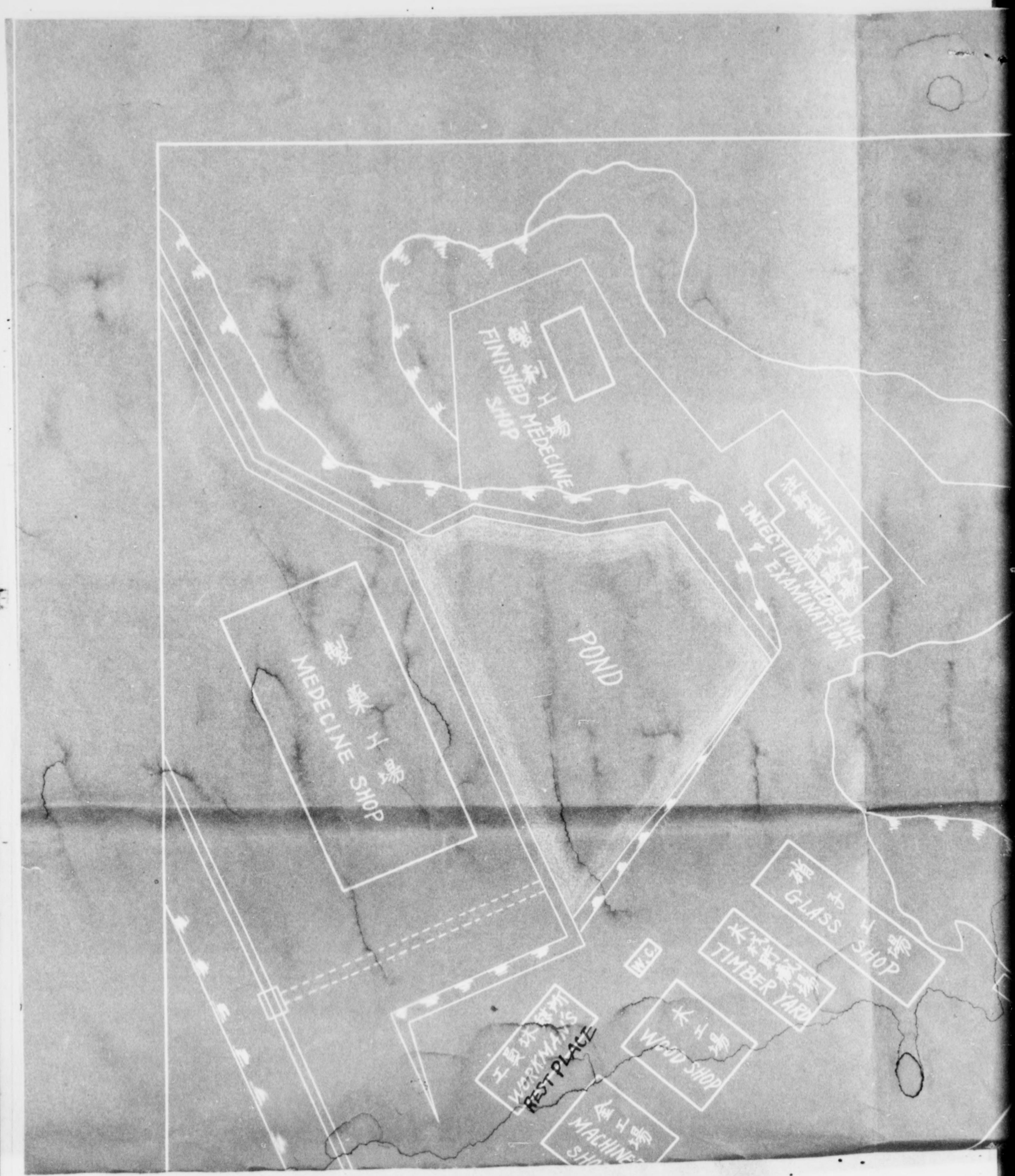

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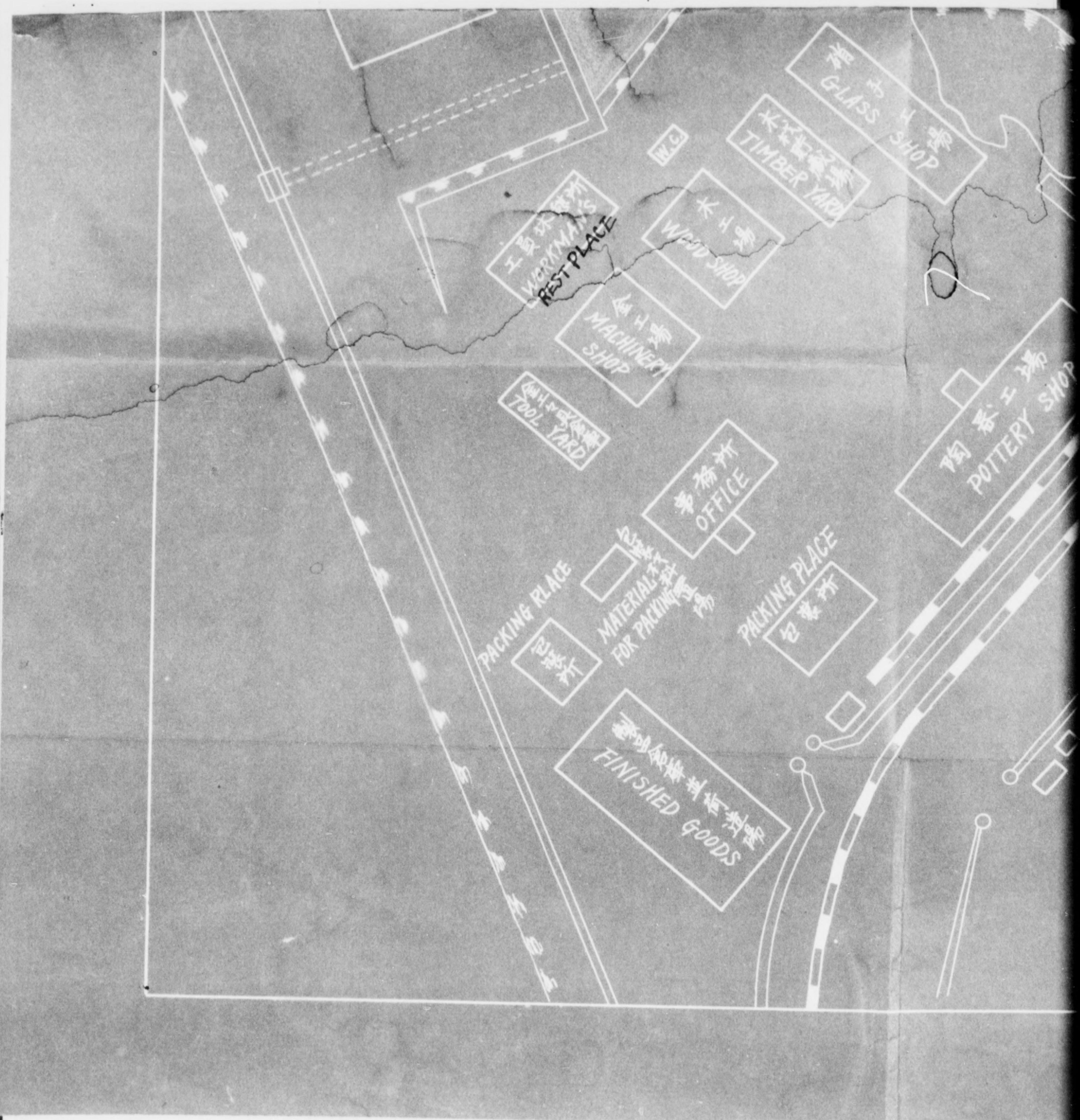

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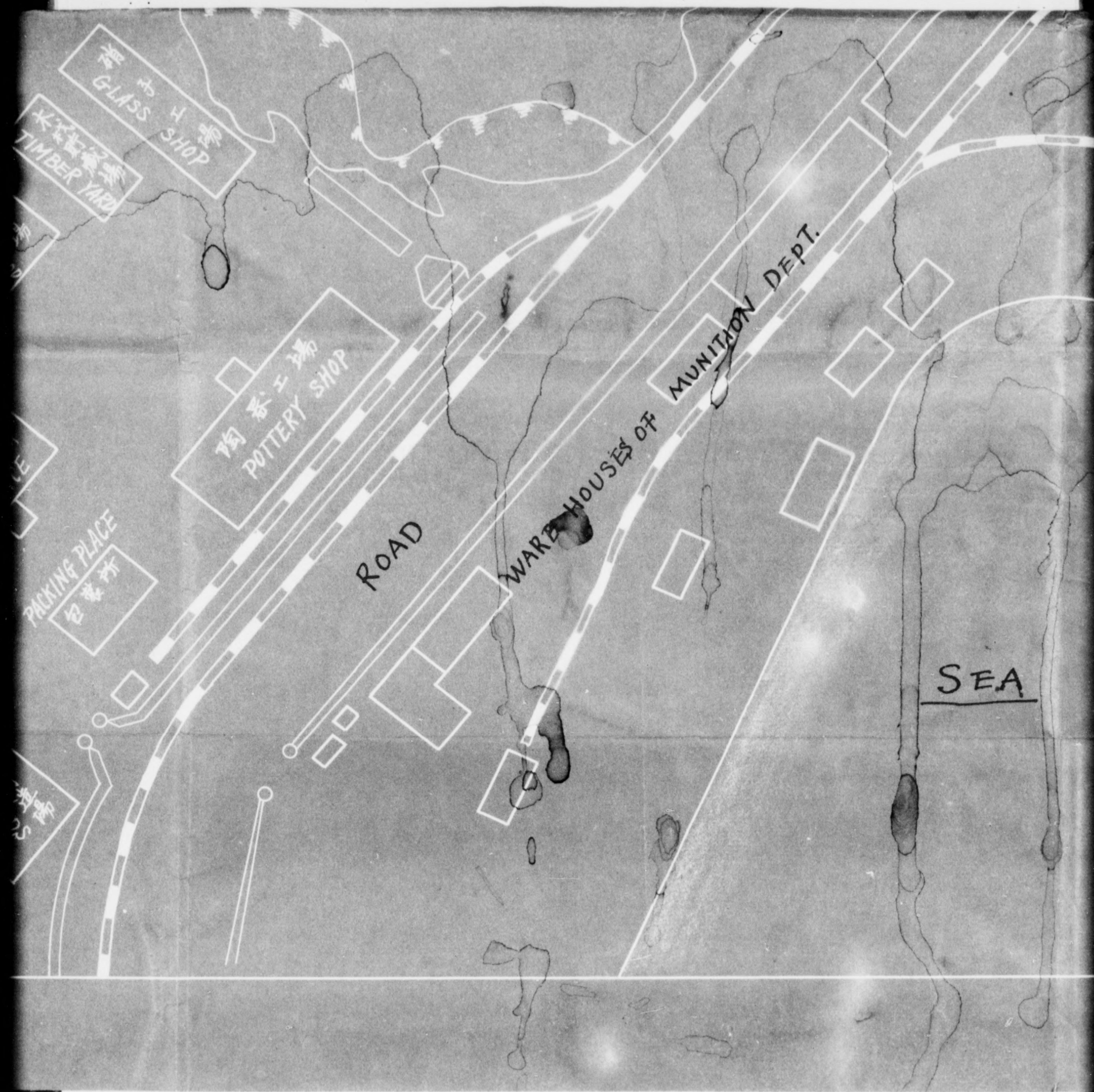

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"THE MACHINES AND INSTRUMENTS"

------"NOT USE"------

BLDG. NO.	INTEGRATED FACILITIES
42	Gas Plant
34	Plate ~~[illegible]~~ Working Shop
39	Bending Slab
35	Power Plant No. 1
36	Welding shop
43	Tool shop
41	Sheet Iron shop
44	Machine shop No. 2.
39; 304	Store House
33	Wood working shop
34	Welding bar mfg. shop
39	Gal. shop
51; 52; 53	Oxygen gas shop
54	Salt making shop

SHIPBUILDING SECTION

15. 7. 1948.

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

Incl #1

THE MACHINE AND INSTRUMENTS

"USE" 22 - 24

BLDG. NO.	INTEGRATED FACILITY.
	Working
No. 34	Plate [redacted] Shop
" 39	Bending Slab
" 36	Welding Shop
" 35	No. 1 Power plant
" 26	No. 2 Power Plant
" 8 & 11	No. 3 Power Plant
" 48	No. 4 Power Plant
" 38	No. 5 Power plant
" 47	Battery Tracks Charging Room
" 43	Tool Shop
" 39 & 304	Store House
" 42	Sheet Iron Shop
" 44	Machine Shop No. 2
" 33 & 34	Wood Working Shop
" 34	Welding Bar Making Shop
" 39	Galvanizing Shop.
" 51 & 328	Oxygen Gas Shop
" 54	Salt Making Shop

SHIP-BLDG. SECTION

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Use. List of Machines.

I. F.	BLDG. NO.	INVENTORY NO.	NAME & SPECIFICATION.	DESCRIPTION.
Plate Machine Shop Working	34	22/24-5050	Drilling machine Radial Max.work dia. 65 mm	Used for hull plate & angle drilling
		5051	Do. 65 mm	Do.
		5052	Do. 65 mm	Do.
		5062	Do. 45 mm	Do.
		5063	Do. 45 mm	Do.
		5064	Do. 45 mm	Do.
		4925	Shearing machine rotary disk max.work thickness 79 mm	Used for hull plate & angle cut ting
		4926	Do. punching dia. 25 mm	Do.
		4928	Do. square & punching max.work thickness 6mm	Do.
		4929	Do. 8 mm	Do.
		5044	Do. dia. 38 mm	Do.
		5065	Do. thickness 25 mm	Do.
		5066	Shearing machine max.work square thickness 19mm	Do.
		5054	Grinder dia. of wheel 370 mm	Used for drill grinder
		5056	Planer max.work plate edge length 7,927	Used for hull plate edging
		5057	Do. Length 7,927mm	Do.
		5067	Travering Crane Lifting cap. 5 ton	Used for machine tool electric souse regulating
		5068	Do. Lifting cap. 5 ton	Do.
		13080	Platform scale cap. 150 Kg.	
		8310	Hoist, Hand chain Lifting cap. 1½ T.	
		8323	Do. Lifting cap.2T.	
		10057	Do. " " 3T.	
		14804	Gas producing tank - 3 capacity 1200 L.	
Bending Slab	39.	22/24-5619	Bending machine max.work 3 rolls thick. 10 mm.	Used for steel plate bending
		5621	Do. 3Rs. thick.19mm	Do.
		5578	Do. 9Rs. straighting thick 3.2mm	Used for steel plate straighting
		5579	Do. max.work 7 rolls straighting thick.16mm	Do.

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Use. List of Machines.

I. F.	BLDG. NO.	INVENTORY NO.	NAME & SPECIFICATION.	DESCRIPTION.
Bending Slab	39.	22-24-5580	Bending Machine 7 rolls straighting max.work thick. 6 mm	Used. for steel plate straighting.
		5614	Hydraulic press cap. 70 tons	Used for small size
		5615	Do. cap. 300 tons.	Used for medium size
		5617	Do. cap. 400 tons.	Used for large size
		5618	Do. cap. 260 tons	Used for medium size
		5620	Do. cap. 300 tons	Do.
		12213	Do. cap. 7 tons	Portable press
		5623	Mechanical press capacity 70 tons	Used for angle bending.
		5616	Manual press cap. 10 ton	Used for angle manual bending
		5602	Grinder dia. of wheel 340 mm	Used for polishing
		12214	Pump, Washington type cap. 300 L/min	Used for discharged hydraulic press
		5625	Traveling crane Lifting cap. 3 tons	
		5626	Do. Lifting cap. 2 tons	
		8405	Hoist, hand chain Lifting cap. 1 ton	
		8406	Do. Lifting cap. 2½ T.	
		8408	Do. " " 1 ton	
		10319	Do. " " 1 ton	
		10325	Do. " " 1 ton	
		10126/10225	Surface plate, bending slab	Used for bending
		10226/10317	Do. Bending slab	Do.
		14818	Vice, bench box width jaw 100mm	
		14819------	Jack, screw	
Welding Shop	36.	22-24-5336	Grinder, dia. of wheel 340 mm	
		-5352	Traveling crane Lifting cap. 3 ton	
		5351	Do. " " 2 ton	
		4208	Welding machine 20kw	20 sets welding mach. used for by dock
		4211	Do. 10.7kw	45 sets welding mach. used for wharf
		4210	Do. 14kw	9 sets welding mach. used for bending slab
		5005	Do. 20kw	
		5035	Do. 15kw	2 sets welding mach. used for plate mach. Shop
		5042	Do. 15kw	34 sets welding machine

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Use. List of Machines.

I. F.	BLDG. NO.	INVENTORY NO.	NAME & SPECIFICATION.	DESCRIPTION.
Welding Shop (Cont'd.)	36	22/24-5341	Welding machine 11.5kw	Used for welding shop
		5340	Do. 12 kw	
		5347	Do. 10.5 kw	
		5346	Do. 11.5 kw	
		5345	Do. 10 kw	
		5344	Do. 10.5 kw	
		5343	Do. 20 kw	
		5342	Do. 5 kw	
		5089	Do. 11.5 kw	
		5239	Do. 15 kw	
		5240	Do. 15 kw	
		5242	Do. 10.5 kw	
		5346	Do. 10.5 kw	
		5250	Do. 17.5 kw	
		5262	Do. 15 kw	
		5266	Do. 20 kw	
		5273	Do. 15 kw	
		5513	Do. 20 kw	
		5515	Do. 15 kw	
		5526	Do. 20 kw	
		5091	Do. 20 kw	
		5092	Do. 14 kw	
		5096	Do. 10.5 kw	
		5109	Do. 20 kw	
		5116	Do. 15 kw	
		5141	Do. 15 kw	
		5219	Do. 10.5 kw	
		5222	Do. 15 kw	
		5232	Do. 20 kw	
		5235	Do. 20 kw	
		5528	Do. 20 kw	
		5537	Do. 15 kw	
		5539	Do. 20 kw	
		5522	Do. 20 kw	
		5756	Do. 20 kw	
		5755	Do. 10.5 kw	
		6913	Do. 20 kw	
		6902	Do. 15 kw	
		6901	Do. 15 kw	
		6936	Do. 17.5 kw	
		6941	Do. 15 kw	
		6944	Do. 15 kw	
		5028	Do. 10.5 kw	
		4993	Do. 20 kw	
		5014	Do. 20 kw	
		4976	Do. 10.5 kw	
		4977	Do. 10.7 kw	
		4963	Do. 20 kw	
		4964	Do. 20 kw	
		5339	Do. 17.5 kw	

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Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME & SPECIFICATION.	DESCRIPTION.
Welding Shop (Cont'd.)	56.	22/24-5338	Welding Machine	20 kw
		5079	Do.	17.5 kw
		5090	Do.	14 kw
		5093	Do.	15 kw
		5094	Do.	10 kw
		5095	Do.	14 kw
		5098	Do.	20 kw
		5104	Do.	15 kw
		5119	Do.	10.5 kw
		5120	Do.	10.5 kw
		5121	Do.	20 kw
		5123	Do.	17.5kw
		5127	Do.	20 kw
		5133	Do.	17.5kw
		5218	Do.	20 kw
		5236	Do.	15 kw
		6937	Do.	15 kw
		6946	Do.	20 kw
		6940	Do.	10 kw
		6935	Do.	20 kw
		6903	Do.	10 kw
		6914	Do.	15 kw
		5754	Do.	20 kw
		5757	Do.	15 kw
		5523	Do.	10 kw
		5521	Do.	10.5kw
		5550	Do.	15 kw
		5538	Do.	10 kw
		5536	Do.	20 kw
		5534	Do.	20 kw
		5533	Do.	10 kw
		5531	Do.	10.5kw
		5527	Do.	20 kw
		5511	Do.	15 kw
		5275	Do.	10 kw
		5274	Do.	15 kw
		5272	Do.	10 kw
		5268	Do.	15 kw
		5267	Do.	15 kw
		5265	Do.	15 kw
		5263	Do.	20 kw
		5261	Do.	20 kw
		5259	Do.	20 kw
		5257	Do.	15 kw
		5264	Do.	10 kw
		5276	Do.	20 kw
		5535	Do.	10 kw
		5505	Do.	15 kw
		5530	Do.	15 kw
		5000	Do.	6 kw

Use.

I. F.	BLDG.NO.	INVENTORY NO.	NAME & SPECIFICATION.	DESCRIPTION
Welding Shop	36.	22/24-5002	Welding machine 6 kw	
		5003	Do. 5 kw	
		5006	Do. 15 kw	
		4972	Do. 15 kw	
No.5 Power Plant	38.	22/24-5073	Air compressor 450HP pressure 8kg/cm2	Used for wharf
Do.	28.	5074	Air compressor 100 hp pressure 8kg/cm2	Used for wharf
No.2 Power Plant	26.	3848	Air compressor 500 hp pressure 8kg/cm2	used for Forging & foundry shop
Do.	26.	3853	Air compressor 300 hp pressure 8kg/cm2	Used for Outfitting Shop
Do.	26.	3852	Hydraulic pump 100 hp pressure 105kg/cm2	Used for hydraulic Press.
No.1 Power Plant	35.	4907	Air compressor 450 Hp pressure 8kg/cm2	Used for dry dock
Do.	35.	4906	Hydraulic pump 80 hp pressure 105kg/cm2	Used for bending slab
No. 4 Power plant	48.	6926	Air compressor 100 hp pressure 8 kg/cm2	Used for Dry Dock
Do.	48.	6927	Air compressor 100 hp pressure 8kg/cm2	Used for Dry Dock
No. 3 Power Plant	11.	743	Air compressor 120 hp pressure 300kg/cm2	Used for high pressure air bottle
No.2 power plant	26.	3851	Air compressor 280hp pressure 8kg/cm2	
No. 3 Power Plant	8.	739	Air compressor 350 hp pressure 8 kg/cm2	
Slip way		5573	Tower crane, lifting cap. 20 tons	Used for repairing shop of slip ways
Do.		5576	Tower crane, lifting cap. 10 tons	Used for hull plate & angle landing
Do.		5577	Tower crane, lifting cap. 6 tons	Used for hull plate & angle regulating
Battery tracker charging room	47.	15507/15509	Charge plate for Battery tracker	
Do.	47.	15625...	Vice, No. of pcs 4	
Tool Shop	43.	6880	Forging machine, Hammer(air)falling weight 250 kg.	Use for Forging
Do.	43.	6874	Grinder, floor type	Use for grinding chisel

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Shop		5005	Do.	15 kw
		5006	Do.	15 kw
		4972	Do.	15 kw
No.5 Power Plant	38.	22/24-5075	Air compressor 450HP pressure 8kg/cm2	Used for wharf
Do.	28.	5074	Air compressor 100 hp pressure 8kg/cm2	Used for wharf
No.2 Power Plant	26.	3848	Air compressor 500 hp pressure 8kg/cm2	used for Forging & foundry shop
Do.	26.	3853	Air compressor 300 hp pressure 8kg/cm2	Used for Outfitting Shop
Do.	26.	3852	Hydraulic pump 100 hp pressure 105kg/cm2	Used for hydraulic Press.
No.1 Power Plant	35.	4907	Air compressor 450 Hp pressure 8kg/cm2	Used for dry dock
Do.	35.	4906	Hydraulic pump 80 hp pressure 105kg/cm2	Used for bending slab
No. 4 Power plant	48.	6926	Air compressor 100 hp pressure 8 kg/cm2	Used for Dry Dock
Do.	48.	6927	Air compressor 100 hp pressure 8kg/cm2	Used for Dry Dock
No. 3 Power Plant	11.	743	Air compressor 120 hp pressure 300kg/cm2	Used for high pressure air bottle
No.2 power plant	26.	3851	Air compressor 280hp pressure 8kg/cm2	
No. 3 Power Plant	8.	739	Air compressor 350 hp pressure 8 kg/cm2	
Slip way		5573	Tower crane, lifting cap. 20 tons	Used for repairing shop of slip ways
Do.		5576	Tower crane, lifting cap. 10 tons	Used for hull plate & angle landing
Do.		5577	Tower crane, lifting cap. 6 tons	Used for hull plate & angle regulating
Battery tracker charging room	47.	15507/15509	Charge plate for Battery tracker	
Do.	47.	15525...	Vice, No. of pcs 4	
Tool Shop	43.	6880	Forging machine, Hammer(air)folling weight 250 kg.	Use for Forging
Do.	43.	6874	Grinder, floor type double head	Use for grinding chisel & pcs. of forged article
Do.	43.	6886	Grinder, floor type double head	Do.
Do.	43.	6889	Blower, pan delivery volume 9.9m3/min	Use for sending air to furnace
Do.	43.	14052....	Vice, parullel 33sets	Use for fitting
Do.	43.	14046/14050....	Furnace heating cokes(hand) 5 sets	use for Forging

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Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Bending Slab	40	22/24-13065	Platform scale 250 Kg.	Use for article measuring
		277	Manual press Mas.work dia. 300 x 1	Use for pressing of this place
		5582	Drilling machine, vertical drill cap. 14 m/m	Use for drilling of flunge holes
		5583	Do. Bench drill cap.15mm	
		286	Shearing machine max.work 1000x0.8 m/m	Use for cutting of sheet
		5584	Grinder, flour type double head	Use for grinding of pipe end.
		5585	Do. flour type double head	
		10549	Hoist, hand chain cap.2T.	Use for upholding of pipe & transperty of pipe.
		10550	DO.	
		8354	Winch steam vertical single drum cap. 3 ton	Use for bending of pipes
		12183	Blower centrifugal Fan delivery volume 40m3/m	use for sending air to furnace
		5586	Welding machine ARC AC 30 kva.	Use for welding pipe flange
Bending slab	40	5587	Do. AC 14.5kw	Use for welding of pipe flange
		10522/10527	Surface plate slab size. 2000x1000x200 m/m(6)	Use for bending off pipes
		10541/10543	Surface plate straighting size 2000x1000x200 m/m(5)	Use for straighting
		14111 & 14113	Vice leg 6 sets	Use for fitting
		14112 & 14114	Vise paruble 3 sets	
		14115	Work table 3700x1350x170 m/m (2)	
		14110	Welding machine Gas torch	Use for weldingof flange to pipe
		14109	Furnace heating cerl hand (3)	Use for pipe heating
Miscellaneous Store House	39	13066	Platform scale cap.1000Kg	
		[illegible]	Platform scale cap.100Kg	

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		5582	Drilling machine, vertical drill cap. 14 m/m	Use for drilling of flunge holes
		5583	Do. Bench drill cap.15mm	
		286	Shearing machine max.work 1000x0.8 m/m	Use for cutting of sheet
		5584	Grinder, flour type double head	Use for grinding of pipe end.
		5585	Do. flour type double head	
		10549	Hoist, Hand chain cap.2T.	Use for upholding of pipe & transperty of pipe.
		10550	DO.	
		8354	Winch steam vertical single drum cap. 3 ton	Use for bending of pipes
		12183	Blower centrifugal Fan delivery volume 40m3/m	use for sending air to furnace
		5586	Welding machine ARC AC 30 kva.	Use for welding pipe flange
Bending slab	40	5587	Do. AC 14.5kw	Use for welding of pipe flange
		10522/10527	Surface plate slab size. 2000x1000x200 m/m(6)	Use for bending of pipes
		10541/10543	Surface plate straighting size 2000x1000x200 m/m(3)	Use for straighting
		14111 & 14113	Vice leg 6 sets	Use for fitting
		14112 & 14114	Vice paruble 3 sets	
		14115	Work table 3700x1350x170 m/m (2)	
		14110	Welding machine Gas torch	Use for weldingof flange to pipe
		14109	Furnace heating cerl hand (3)	Use for pipe heating
Miscellaneous				
Store House	39	13066	Platform scale cap.1000Kg	
	304	13081	Platform scale cap.100Kg	
	304	13082	Platform scale cap. 500 Kg.	
	304	13084	Platform scale cap. 250 Kg.	
I. F.				
Sheet Iron Shop	41	5637	Bending machine plate max.work 1500x3 m/m	Use for straighting plate
		5652	Do. 3000x5 m/m	Use for bending of plate

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Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION	DESCRIPTION.
Sheet Iron Shop	41	22/24-5653	Bending machine plate max.work1800x3 m/m	Use for straighting of plate
		5654	Drilling machine vertical drill cap. 23 m/m	Use for drilling of small hole
		5641	Shearing machine square max.work 1800x1m/m	Use for shearing of plates
		5638	Shearing machine rotary dise	Use for shearing of plate
		5642	Shearing machine square & punching	Use for shearing of small size plate
		5648	Grinder floor type double head	Use for grinding of small pipe
		5651	Do.	Do.
		8409	Line shafting dia. 90m/m Length 8000 m/m	Use for 5641,5642 drawing
		5646	Motor AC 30 kw	Use for ablve shafting 8,408
		8410	Line shafting dia. 90m/m length 12000 m/m	Use for 5652 driving
		5650	Motor AC 7.5 hp	Use for 8410 driving
		5643	Welding machine Arc AC 10.5 kw	
		5644	Do.	Use for welding of filling & 9 welders
		5247	Do.	
		5245	Do.	
		5234	Do.	
		5660	Do.	
		5661	Do.	
		5226	Welding machine ARC AC 1500kva	
		5258	Do.	
		5252	Do. ARC AC 10.5 kw	
		8411	Hoist hand chain cap. 2 tons	Use for article lifting.
		14057/14059 ~~Oct. Jetu.74~~	Welding machine (8) Gas torch	Use for welding & cutting of sheet
		14055/14056 ~~XXXXXXXXXX~~	Furnace heating coal hand (2 sets)	Use for small pos heating
		10342/10344	Surface plate straighten 2000x1000x200 m/m 3 pos	Use for straighting of plate
		10353	Do. 2200x1000x100m/m	
		10356	Do. 2200x100x120 m/m	
		10357	Do. 2000x1000x100 m/m	

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5641	Shearing machine square max.work 1800x1m/m	Use for shearing of plates
5638	Shearing machine rotary disc	Use for shearing of plate
5642	Shearing machine square & punching	Use for shearing of small size plate
5648	Grinder floor type double head	Use for grinding of small pipe
5651	Do.	Do.
8409	Line shafting dia. 90m/m Length 8000 m/m	Use for 5641,5642 drawing
5646	Motor AC 30 kw	Use for ablve shafting 8,408
8410	Line shafting dia. 90m/m length 12000 m/m	Use for 5652 driving
5650	Motor AC 7.5 hp	Use for 8410 driving
5643	Welding machine Arc AC 10.5 kw	
5644	Do.	Use for welding of filling & 9 welders
5247	Do.	
5245	Do.	
5234	Do.	
5660	Do.	
5661	Do.	
5226	Welding machine ARC AC 1500kva	
5258	Do.	
5252	Do. ARC AC 10.5 kw	
8411	Hoist hand chain cap. 2 tons	Use for article lifting.
14057/14059 ~~Gi. Jetu.74~~	Welding machine (8) Gas torch	Use for welding & cutting of sheet
14055/14056 ~~xxxxxxxxxx~~	Furnace heating coal hand (2 sets)	Use for small pcs heating
10342/10344	Surface plate straighten 2000x1000x200 m/m 3 pcs	Use for straighting of plate
10353	Do. 2200x1000x100m/m	
10356	Do. 2200x100x120 m/m	
10357	Do. 2000x1000x100 m/m	
10364/10365	Do. 2000x1000x200 m/m 2 pcs.	
10374/10375	Surface plate plat 2000x1000x130 m/m(2)	Use for handing plate

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Use. List of Machines.

I. F.	BLDG. NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Sheet Iron Shop	41	22/24-		
		10376/10387	Surface plate , plat 2000x1000x200 m/m(12)	) Use for handing of plate
		10388/10399	Do.2000x1000x130m/m (12)	)
		14060/14062	Vice Parallel 3 sets	)
		14063/14065	" " Do. lag. 4 sets	) Use for fitting
		13071	Platform scale cap.	Use for article measuring.
Machine Shop No. 2	44	22/24-		
		5691	Boring machine Horizontal table type	Use for large hole boring
		5680	Drilling Do. vertical drill cap. 23..	Use for fitting
		5681	Do. bench, " " 10 mm	Use for fitting
		5694	Do. " " " 10 mm	Use for fitting
		5196	Do. " " " 10 mm	Use for fitting
		5711	Do. radial " " 80 mm	Use for large size
		5740	Do. " " " 50 mm	Use for large size
		5746	Do. bench " " 20 mm	Use for medium size
		5743	Do. vertical " " 23 mm	Do.
		5744	Do. " " " 40 mm	Use for large size
		5745	Do. " " " 14mm	Use for small size
		5692	Gear hobber single horizontal 14	Use for spur gear cutting
		5693	Gear shaper bevel gear cutting	Only one
		5682	Grinder floor type double head	Use for fitting
		5683	Grinder floor type double head	Use for buffing
		5716	Do.	Use for polishing
		5723	Do.	Do.
		5685	Lathe engine Sob 750mm Length 2940mm	Use for large size
		5686	Lathe engine SOB 610mm bed 2.010	Do.
		5697	Lathe engine SOB 610mm bed 3.810	Do.
		5698	Lathe engine SOB 600mm bed 2,500mm	Use for medium size.
		5699	Lathe engine	

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Shop		10376/[redacted]	Surface plate , plat	Use for handing
		10387	2000x1000x200 m/m(12)	of plate
		10388/10399	Do.2000x1000x130m/m (12)	
		14080/14082	[redacted] Vice Parallel 3 sets	
		14083/14085	" " [redacted] Do. lag. 4 sets	Use for fitting
		13071	Platform scale cap.	Use for article measuring.

Machine Shop No. 2	44	22/24-		
		5691	Boring [redacted] machine Horizontal table type	Use for large hole boring
		5680	Drilling Do. vertical drill cap. 25..	Use for fitting
		5681	Do. bench, " " 10 mm	Use for fitting
		5694	Do. " " " 10 mm	Use for fitting
		5196	Do. " " " 10 mm	Use for fitting
		5711	Do. radial " " 80 mm	Use for large size
		5740	Do. " " " 50 mm	Use for large size
		5742	Do. bench " " 20 mm	Use for medium size
		5743	Do. vertical " " 25 mm	Do.
		5744	Do. " " " 40 mm	Use for large size
		5745	Do. " " " [redacted] mm	Use for small size
		5692	Gear hobber single horizontal 14	Use for spur gear cutting
		5693	Gear shaper bevel gear cutting	Only one
		5682	Grinder floor type double head	Use for fitting
		5683	Grinder floor type double head	Use for buffing
		5716	Do.	Use for polishing
		5723	Do.	Do.
		5685	Lathe engine Sob 750mm Length 2940mm	Use for large size
		5686	Lathe engine SOB 610mm bed [redacted] 2.820	Do.
		5697	Lathe engine SOB 610mm bed [redacted] 3.810	Do.
		5698	Lathe engine SOB 600mm bed [redacted] 2,500mm	Use for medium size.
		5699	Lathe engine SOB 600mm bed [redacted] 2,500mm	Do.
		4230	Lathe engine SOB 420mm bed [redacted] 1,900mm	Use for small size.
		5700	Lathe engine SOB 600mm bed [redacted] 2,500mm	Use for medium size.

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Use. List of Machines. - (9) -

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Machine Shop No. 2	44.	22/24: 5715	Lathe, engine type SOB 430mm bed length 2440mm	Use for sm.. size
		5717	Lathe, engine SOB 400mm bed length:1830mm	Do.
		5718	Lathe, gap SOB 460mm;bed length:1830mm	Do.
		5719	Lathe, engine SOB 600mm;bed length:2500mm	Use for medium size
		5730	Lathe, gap SOB460mm;bed length2400mm	Use for small size
		5731	Lathe, engine SOB560mm;Bed length:3660mm	Use for small dia. & long length
		5734	Lathe, engine SOB 540mm;bed length:3660mm	Do.
		5735	Lathe; turret saddle SOB 380mm;bed length:3000mm	Use for medium size
		5736	Lathe, engine SOB 380mm;bed length:1500mm	Use for small size
		5737	Lathe, engine SOB 550mm;bed length:3048mm	Use for medium size
		5738	Lathe, turret saddle SOB 310mm; bed length:900mm	Use for screw cutting
		5739	Lathe, ---- Gap. SOB 500; bed length 2750mm	Use for medium size
		5722	Milling machine knee horizontal	Use for edg & sword guard cutting
		5721	Do. Bed vertical	Do.
		5704	Do. Knee vertical	Do.
		5705	Motor AC 7.5HP	Use for 5,704
		5713	Planer: single head double housing	Use for wide plane cutting
		5714	Do.: double head double housing	Do.
		5706	Shaper: horizontal stroke 635 mm.	Use for small plane cutting
		5708	Do.: horizontal stroke 610mm	Do.
		5724	Slotter: vertical stroke 300mm	Use for plane cutting
		5712	Do.: vertical stroke 330mm	Do.
		5710	Do.: vertical stroke550mm	Use for large plane cutting
		5679	Polishing & buffing sheet width of paper 200mm	Use for fitting

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Machine Co. 10/24/ 5715 Lathe, engine type Use for [illegible]
Shop No. 2 SOB 450mm bed length 2440mm

5717	Lathe, engine SOB 400mm bed length:1830mm	Do.
5718	Lathe, gap SOB 460mm;bed length:1830mm	Do.
5719	Lathe, engine SOB 600mm;bed length:2500mm	Use for medium size
5730	Lathe, gap SOB440mm;bed length2400mm	Use for small size
5731	Lathe, engine SOB560mm;Bed length:3660mm	Use for small dia. & long length
5734	Lathe, engine SOB 540mm;bed length:3660mm	Do.
5735	Lathe; turret saddle SOB 380mm;bed length:3000mm	Use for medium size
5736	Lathe, engine SOB 380mm;bed length:1500mm	Use for small size
5737	Lathe, engine SOB 550mm;bed length:3048mm	Use for medium size
5738	Lathe, turret saddle SOB 310mm; bed length:900mm	Use for screw cutting
5739	Lathe, ---- Gap. SOB;bed length 2750mm	Use for medium size
5722	Milling machine knee horizontal	Use for edg & sword guard cutting
5721	Do. Bed vertical	Do.
5704	Do. Knee vertical	Do.
5705	Motor AC 7.5HP	Use for 5,704
5713	Planer: single head double housing	Use for wide plane cutting
5714	Do.: double head double housing	Do.
5706	Shaper: horizontal stroke 635 mm.	Use for small plane cutting
5708	Do.: horizontal stroke 610mm	Do.
5724	Slotter: vertical stroke 300mm	Use for plane cutting
5712	Do.: vertical stroke 330mm	Do.
5710	Do.: vertical stroke550mm	Use for large plane cutting
5679	Polishing & buffing sheet width of paper 200mm	Use for fitting
12228	Do.: 110mm	Do.
5729	Tapping machine multiple vertical cap. 1" dia.	use for nut cutting
5728	Threading machine horizontal cap. 1" dia.	Use for bolt cutting
8414	Line shafting: size of shaft 75mm dia. x 24m	use for(5734, 5735, 5736, 5737, 5739, 5734 5738, 5728, 5729, 5731.

Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Machine Shop No. 2	44.	22/24: 5733	Motor AC 30HP	Use for 8414 driven
		5750	Travelling crane overhead bridge cap.3T.	Use for material & article/le remove
		5676	Welding machine ARC AC cap. 10 kw	Use for fitting
		5228	Welding machine ARC AC cap. 30 kva	Use for fitting
		8416	Hoist electric capacity: 2 tons	Use for materials & articles remove
		5751	Transformer: outdoor type, cap.:100kva 3450/220v.	Use for bldg. No.43,44
		5752	Transformer outdoor type cap.:150kva,3150/220v.	Use for bldg.No. 43, 44.
		8413	Surface plate: size: 5,000mmx2,500mmx300mm	Use for ~~mkk~~ marking
	14100 /14103 & 14105	~~Gr.Gr.r---r~~	Vice Parallel no. of pcs: 45	Use for fitting
	14104	~~u--u---r---7~~	Vice leg no. of pcs: 1	Do.
	14106	~~u--u---r---10~~	Work table size: 4,470mmx1,300mmx740mm(6)	Do.
	14107	~~u--u---r---11~~	Work table Size: 3750mmx1360mmx750mm(2)	Do.
		13072	Platform scale capacity: 1,000Kg	Use for something measuring
		13073	Platform scale capacity: 500Kg.	Do.
	14098	~~Gr.Gr.r---6~~	Pump power driven	use for water tightof article
Miscellaneous Machine Shop No.2	14099	~~u--u---r---10~~	Welding machine gas torch 2 sets	use for fitting
I. F. Machine Shop No. 2		5753	Transformer outdoor type capacity: 30kva, 3300/220	use for bldg 43, 44
Wood working Shop	Bldg.No.33	22/24: ~~2220~~ 4909	Knife grinder max.grinding L. 750x150	Use for grinding automatic planer edge.
		5695	Knife grinder dia. & thickness of wheel: 200x20	Use for grinding hand planer edge
		4911	Motor AC 7.5HP 1,765 rpm.	Use for purchased planer
		13555	Band saw: dia. & thickness of wheel 760x50	Use at marking shop
		[illegible]	[illegible]	[illegible]

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Machine Shop No. 2	44. 22/24: 5758	Motor AC 30HP	Use for belt driven
	5750	Travelling crane overhead bridge cap.3T.	Use for material & article remove
	5676	Welding machine ARC AC cap. 10 kw	Use for fitting
	5223	Welding machine ARC AC cap. 30 kva	Use for fitting
	8416	Hoist electric capacity: 2 tons	Use for materials & articles remove
	5751	Transformer: outdoor type, cap.:100kva 3450/220v.	Use for bldg. No.43,44
	5752	Transformer outdoor type cap.:150kva,3150/220v.	Use for bldg.No. 43, 44.
	8413	Surface plate: size: 5,000mmx2,500mmx300mm	Use for ~~mark~~ marking
14100 /14103 & 14105	~~[illegible]~~	Vice Parallel no. of pcs: 45	Use for fitting
14104	~~[illegible]~~	Vice leg no. of pcs: 1	Do.
14106	~~[illegible]~~	Work table size: 4,470mmx1,300mmx740mm(6)	Do.
14107	~~[illegible]~~	Work table Size: 3750mmx1360mmx750mm(2)	Do.
	13072	Platform scale capacity: 1,000Kg	Use for something measuring
	13073	Platform scale capacity: 500Kg.	Do.
	14098 ~~[illegible]~~	Pump power driven	use for water tightof article
Miscellaneous Machine Shop No.2	14099 ~~[illegible]~~	Welding machine gas torch 2 sets	use for fitting
I. I. Machine Shop No. 2	5753	Transformer outdoor type capacity: 30kva, 3300/220	use for bldg 43, 44
Wood working Shop Bldg.No.33	22/24: ~~[illegible]~~		
	4909	Knife grinder max.grinding L. 750x150	Use for grinding automatic planer edge.
	5695	Knife grinder dia. & thickness of wheel: 200x20	Use for grinding hand planer edge
	4911	Motor AC 7.5HP 1,765 rpm.	Use for purchased planer
	13555	Band saw: dia. & thickness of wheel 760x50	Use at marking shop
	13553	Band-saw: dia. & thickness of wheel: 1092x64	Use for cutting square lumber
	13554	Band-saw: dia. & thickness of wheel: 1066x76	Use for cutting large lumber
	13552	Band-saw: 914x76	Use for cutting small lumber
	13550	Do. : 760x50	Use for cutting small lumber
	13549	Do. : 760x50	Use for cutting small lumber

Use. List of Machines.

I. F.	BLDG. NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Wood working Shop	33.	22/24:13551	Band-saw dia.&thickness of wheel: 914x50	use for cutting small lumber.
		13537	Turning lathe, max.L of work: 1100	Use for lathe work & c.
		13575	Do. 1100	
		13576	Do. 1100	
		13580	Mortise machine, max. hollow cap: 50 x 130	Use for boring square lumber.
		13579	Do. 25 x 25	
		13573	Boring machine, max. drill cap: 40squ.mm. depth:250	Use for boring round bar.
		13563	Knife grinder, max. cap. of knife: 700x100	
		13582	Do. 700x100	Use for grinding hand planer edge.
		13583	Do. 800x100	Use for grinding moulding planer edge.
		13566	Saw filer(circular) dia. of circular saw: 150 x 914	Use for filling circular saw.
		13565	Saw filler (band) length & width of band saw: 6,000x10-70	Use for filling small band saw.
		13562	Do. (band) length & width of band saw: 6,000x10-70	Use for filling big band saw.
		13564	Do. 6000x10-70	Use for filling saw edge.
		13038	Weighing machine max.cap.:100Kg.	Use for measuring fitting pes.
		13533	Boiler working pressure:2Kg/cm3	Use for bending wood
		13570	Rip saw dia. of saw 2 400	Use for cutting small lumber
		13571	Rip saw dia. of saw 400	Do.
		13572	Rip saw dia. of saw: 900	Do.
		13584	Jig saw length of saw: 305	Use for cutting special type
		13557	Planer, dia. & length of	

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13577	Turning lathe, max.L of work: 1100	Use for lathe work & c.
13575	Do. 1100	
13576	Do. 1100	
13580	Mortise machine, max. hollow cap: 50 x 130	Use for boring square lumber.
13579	Do. 25 x 25	
13573	Boring machine, max. drill cap: 40squ.mm. depth:250	Use for boring round bar.
13563	Knife grinder, max. cap. of knife: 700x100	
13582	Do. 700x100	Use for grinding hand planer edge.
13583	Do. 600x100	Use for grinding moulding planer edge.
13566	Saw filer(circular) dia. of circular saw: 150 x 914	Use for filling circular saw.
13565	Saw filler (band) length & width of band saw: 6,000x10-70	Use for filling small band saw.
13562	Do. (band) length & width of band saw: 8,000x10-70	Use for filling big band saw.
13564	Do. 6000x10-70	Use for filling saw edge.
13038	Weighing machine max.cap.:100Kg.	Use for measuring fitting pes.
13833	Boiler working pressure:2Kg/cm3	Use for bending wood
13570	Rip saw dia. of saw 2 400	Use for cutting small lumber
13571	Rip saw dia. of saw 400	Do.
13572	Rip saw dia. of saw: 900	Do.
13584	Jig saw length of saw: 305	Use for cutting special type
13557	Planer, dia. & length of head: 80x200	Use for planing usual wood planks
13558	Planer, dia. & length of head: 80x410	
13559	Planer, dia. & length of head: 120x330	
13560	Planer, dia. & length of head: 92x205	Use for planing at marking shop

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I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Wood Working Shop	33.	22/24; 13567	Planer (automatic) 100x480	Use for planing wooden planks
		13568	Do. (") 120x600	
		13574	Shaper Cap.height 100	Use for shaping special type
		13585	Planer (automatic) four side	Use for planing deck planks
		14883 ~~14884~~	motor DC 3HP 850rpm	Use for rip saw
		10055	Surface plate	Use for marking
		10537	Surface plate	Use for bending seasoned wood.
		10538	Do.	
		10539	Do.	
		10540	Do.	
		13037	Platform scale max.capacity 400 Kg.	Use for measuring of fittings
		8304	Hoist Lifting cap.:2 tons	Use for overhollling & transforming
		10406	Motor DC 3Hp 850rpm.	Use for circular saw
		8417	Hoist Lifting cap.: 2 tons	Lifting of fittings, transforming
		10407	Motor DC 3 Hp 850rpm	Use for purchased planer
		11261	Motor AC 7.5Hp 1165rpm.	Use for hand planer (13557)
		11256	Motor AC 7.5Hp 1140rpm.	Use for band saw((13555)
		11252	Motor AC 7.5Hp 1700rpm	Use for round saw (13570)
Welding Bar Making Shop	34.	~~4912~~	~~Transformer 70KW.~~	Necessary for 2 tons welding bar manufacturing use as our factory's consuming
		4916	Motor Ac 10Hp	Do.
		8306	Shaft	Do.
		4915	Shearing machine square type	Do. cutting for 3mm core wire
		4917	Do.	Do. cutting for 4mm core wire
		4918	Do.	Do. cutting for 5mm core wire
		4920	Welding machine	Do. testing for new-made
		4921	Do.	

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Shop	13574	Shaper cap.weight 100	Use for shaping special type
	13585	Planer(automatic) four side	Use for planing deck planks
	14888 ~~13564~~	motor DC 3HP 850rpm	Use for rip saw
	10055	Surface plate	Use for marking
	10537	Surface plate	Use for bending seasoned wood.
	10538	Do.	
	10539	Do.	
	10540	Do.	
	13037	Platform scale max.capacity 400 Kg.	Use for measuring of fittings
	8304	Hoist lifting cap.:2 tons	Use for overholling & transforming
	10406	Motor DC 3Hp 850rpm.	Use for circular saw
	8417	Hoist Lifting cap.: 2 tons	Lifting of fittings, transforming
	10407	Motor DC 3 Hp 850rpm	Use for purchased planer
	11261	Motor AC 7.5Hp 1165rpm.	Use for hand planer (13557)
	11256	Motor AC 7.5Hp 1140rpm.	Use for band saw((13555)
	11252	Motor AC 7.5Hp 1700rpm	Use for round saw (13570)
Welding Bar Making Shop 34.	~~4912~~	~~Transformer 70KVA.~~	Necessary for 2 tons welding bar manufacturing use as our factory's consuming
	4916	Motor Ac 10Hp	Do.
	8306	Shaft	Do.
	4915	Shearing machine square type	Do. cutting for 3mm core wire
	4917	Do.	Do. cutting for 4mm core wire
	4918	Do.	Do. cutting for 5mm core wire
	4920	Welding machine	Do. testing for new-made
	4921	Do.	Do. " " "
	10577	Pug mill edge-runner	Do. for flux manufacturing use
	10589	Pug mill	Do. " " "
	13619	Crusher ball mill	Do. " " "
	13600/13603	Desicater	Do. welding bar drying use.

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Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
Welding bar Making Shop	34.	22/24:10581	Pug mill cap.0.12mt/hr	Necessary for welding bar 2-tons manufacturing use as our factory's consuming.
		10582	Blower 2/3Hp Cap.30m3/min	Using for flux mfg.
		10583	Do. 1/2Hp,Cap 30m3/min	Do. Using in dryer
		8305	Hoist electric 1 ton	Do. " " " Do. Transport for welding bar material.
		13801	Wire extend machine 15Hp	Do. extending for core wire
		8404	Shaft	Using for nail making
		15280	Motor AC 5 Hp	Do.
		8307	Hoist electric 1 ton	Transport for nail making materials.
		10572	Surface plate L. 720mm W. 400mm	Weighting for welding bar materials
		13040	Platform scale Cap.20Kg.	Do.
		15282	Balance Cap.: 10Kg.	Necessary for welding bar 2-tons mfg. use as our factory's consuming
		13599,	Vice	Do.
		13609.	Do.	Do.
		13614	Anvil	Do.
		13615/13618	Switch gear	Do.
		13589	Tank use for flax	Do.
		15281	Heater	Using for nail making
		15653	Switch gear	Using for welding-bar drying.
		13608	Desiccator	Using for galvanizing of iron materials
Galvanizing Shop	39.	13620	Burning oven	Acid-washing in galvanizing
		16381	Storage tank Hydrochloric acid	Do.
		15258	Storage tank Do.	Transport for iron material
		8401	Winch DC 3mt.33Hp	Using for water draining
		15495	Pump air	

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			as our factory's consuming.
			Using for flux mfg.
	10582	Blower 2/3Hp Cap.30m3/min	Do. Using in dryer
	10583	Do. 1/2Hp,Cap 30m3/min	Do. " " "
	8305	Hoist electric 1 ton	Do. Transport for welding bar material.
	13801	Wire extend machine 15Hp	Do. extending for core wire
	8404	Shaft	Using for nail making
	15280	Motor AC 5 Hp	Do.
	8307	Hoist electric 1 ton	Transport for nail making materials.
	10572	Surface plate L. 720mm W. 400mm	Weighting for welding bar materials
	13040	Platform scale Cap.20Kg.	Do.
	13282	Balance Cap.: 10Kg.	Necessary for welding bar 2-tons mfg. use as our factory's consuming
	13599, 13609.	Vice Do.	Do.
	13614	Anvil	Do.
	13615/13618	Switch gear	Do.
	13589	Tank use for flax	Do.
	15281	Heater	Do.
	15653	Switch gear	Using for nail making
	13608	Desiccater	Using for welding-bar drying.
Galvanizing Shop	39. 13620	Burning oven	Using for galvanizing of iron materials
	16381	Storage tank Hydrochloric acid	Acid-washing in galvanizing
	15258	Storage tank Do.	Do.
	8401	Winch DC 3mt.33Hp	Transport for iron material
	15495	Pump air	Using for water draining
	15260	Pyrometer reading ranger	
		Platform scale Cap.:300Kg.	
	13069	Do. Cap.:1000Kg.	
	15259	Storage tank water	Using for water draining

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Use. List of Machines.

I. F.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
(Rivet Making Shop) Bending Slab Shop	39.	22/24: 5632	Mechanical press	Using for 25mm rivets
		5633	Do.	using for 13mm rivets
		5631	Do.	using for 19mm rivets
		5604	Shearing machine	cutting of below 25mm rivets
		5629	Do.	cutting of 13mm rivet materials
		5630	Do.	Cutting of 19mm rivet material
		5634	Do.	cutting of 25mm rivet material
		5635	Grinder	using for making of new-type rivets
		12210	Portable machine drill electric	Do.
		12211	Blower 5Hp	
		10591	Do. 3 Hp	
		22/24: 14810	Furnace	Using for making of new-type rivets
		22/24: 14817	Vice	
		22/24: 14811	Anvil	
Oxygen Gas Shop	51.	22/24: 6952	Compressor 5 stage 300kg/cm2,150hp,2.8m3/min	Mfg. of 2000M3/month Oxygen gas
		6953	Do. 5 stage 300kg/cm2,120hp,3M3/min	Do.
		6954	Do. oxygen gas 5 stage 20 hp, 1.7M3/Min	Using for Oxygen gas bombing
		6955	- ditto -	Do.
	32s	6951	Pump reciprocating cap.: 22L/Min	Using for pressure testing of gas bombs
		6957	Pump centrifugal 3Hp 700L/Min	Using for compressor cooling
		6961	- ditto -	Do.
		6958	Pump centrifugal 5 Hp 568 L/Min	Do.
		13637	Air cleaner	co2-gas purifying
		13638	Do.	Do.
		13639	Air dryer	
		13640	Do.	
		13641	Air dryer	
		13642	Oxygen separator	Oxygen gas separator form liquid-air

		5624	Shearing machine	cutting of below 8mm rivets
		5629	Do.	cutting of 13mm rivet materials
		5630	Do.	Cutting of 19mm rivet material
		5634	Do.	cutting of 25mm rivet material
		5635	Grinder	using for making of new-type rivets
		12210	Portable machine drill electric	Do.
		12211	Blower 5Hp	
		10591	Do. 3 Hp	
		22/24: 14810	Furnace	Using for making of new-type rivets
		22/24: 14817	Vice	
		22/24: 14811	Anvil	
Oxygen Gas Shop	51.	22/24: 6952	Compressor 5 stage 300kg/cm2,150hp,2.8m3/min	Mfg. of 2000M3/month Oxygen gas
		6953	Do. 5 stage 300kg/cm2,120hp,3M3/min	Do.
		6954	Do. oxygen gas 5 stage 20 hp, 1.7M3/Min	Using for Oxygen gas bombing
		6955	- ditto -	Do.
	32s	6951	Pump reciprocating cap.: 22L/Min	Using for pressure testing of gas bombs
		6957	Pump centrifugal 3Hp 700L/Min	Using for compressor cooling
		6961	- ditto -	Do.
		6958	Pump centrifugal 5 Hp 568 L/Min	Do.
		13637	Air cleaner	co2-gas purifying
		13638	Do.	Do.
		13639	Air dryer	
		13640	Do.	
		13641	Air dryer	
		13642	Oxygen separator	Oxygen gas separator form diquid-air
		13643	Do.	Do.
		13646/13653	Water separator	Aparatus of water separator from air
		13644	Oxygen gas tank	Storage tank of oxygen gas
		13645	Do.	Do.
	32S.	13655	Test tank	Using for pressure test ing of gas bomb

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Use. List of Machines. -- (15) --

I. N.	BLDG.NO.	INVENTORY NO.	NAME AND SPECIFICATION.	DESCRIPTION.
~~Oxygen Gas~~	~~51.~~	~~22/24: 6969~~	~~Transformer~~	Accessories of Oxygen gas mfg.
Shop Oxygen Gas Shop.	# 51	~~6980~~	~~Do.~~	Do.
		~~12879~~	~~Do.~~	Do.
		10592	Hoist hand chain	
		10593	Do.	
		13654	Storage tank	Oil liquid
		10568	Surface plate 470mm,460mm	Using in repair
Do.	328	13656	Level	Do.
Do.	328	13693	Burning oven	Do.
Do.	51	13694/13696	Vice	Do.
Do.	328	13697	Anvil	Do.
Do.	328	13093	Platform scale	
~~Salt~~	~~54~~	~~22/24: 6970~~	~~Transformer 500kva~~	Accessories of making salt by electricity
~~Making Shop~~				
Salt Making Shop.	# 54	~~6972~~	~~Do. 75kva~~	Do.
		~~6973~~	~~Do. 75kva~~	Do.
		6974	Pump reciprocating 7.5Hp	Sea-water pumping
		6964	Boiler 80Hp	Using for making-salt by wooden-chip
		10595	Hoist hand chain	Use in repair
		10569,	Do.	Do.
		10570.	Do.	Do.
		10596,	Surface plate bending slab.	Foundation of Boiler
		10597.	Do.	Do.
		15276	Switch gear	
		15278	Do.	
		13098	Platform scale Cap.:200Kg.	

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The Machines & Instruments

"U s e"

BLDG: NO:	I. F.
204.	Plate working Shop

SHIPBUILDING DESIGNING SECTION

"U S E"

(1)

I: F:	BLDG#	Inv.No. 22: 24:	Name and Specifications.
Plate working shop	3o4	13628	To print drawings Blue printing mach., w. 3 arc lamps, mot. drv. spd. 75M/hr mot. AC ½ hp. 22ov, 175o rpm " AC ¼ hp 22ov 174o rpm " AC 1/15 HP 220v, 14oo rpm
		13629	Bl. print. mach., w. 3 arc lamps, Mot. driven speed; 75 M/hr, mot. AC 1 hp. 22ov, 168o rpm Do. AC ½hp. 22ov, 1ooo rpm Do. AC 1/1o hp 22ov, 9oo rpm
		13630	Chem. painting mach., spd. 2oo M/Hr, Mot.-driven Mot. AC. ¼ hp 22ov, 15oo rpm
		13631	Paper cutting mach., cutting wd. o.78 m Motor AC 2 HP 22ov, 17oo rpm
		13632	Paper cutting mach., cutting width; 1.M hand-driven
		13633	Binding ma., thick: 2.5 cm; foot driving -to bind
		13634	Do. " 1½ cm " " lists &
		13386	Hand gold booking press papers
		13387	Book binding press. w. screw
		13388	Book binding press w. screw
		13389	Book binding press. w. screw
		13390	Do.
		13635	Paper-edge cutting ma., cut. thick; 1½cm - foot driving.

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THE MACHINES AND INSTRUMENTS

"USE"

Building No.	Integrated Facility
45	No.1 Dock
46,49,309, 312	No.2 Dock
50	No.3 Dock
40	Rigging and Sewing Shop
	No.2 Slip Way
265	Ships

DOCK SECTION

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I. F.	Bldg. No.	Inv. No.	Name and Specification	Description
No.1 Dock	45	22-24 5664	Centrifugal pump A.C. 80 H.P. 1100 t/h	No. 1 dock main pump switch gear (22-24-15119)
		5665	-do-	-do- " (" 15120)
		5666	Reciprocating pump 3 stage D.C. 5 H.P.	No.1 dock aux. pump include speed controller
		12219	Spare motor A.C. 60 H.P.	For travelling gear (tower crane 22-24-6933)
No.2 Dock	49	6917 6919	Centrifugal Pump A.C. 500 H.P. 8500 t/h	No.2 dock main pump include connective machines. For No.2 & No.3 dock switch board (22-24-15127,15128,15130)
		6918	Compressor dry vacuum pump	For No.2 and 3 dock
		6920	Centrifugal pump A.C. 40 H.P.	No.2 dock aux. pump switch board (22-24-15129)
		8427 -8431	Capstan electric driven power 10 t	For No.2 dock & No.3 dock
		10618	Steam winch power 3 t	Driven by comp. air portable
		6921 15131-15132	Transformer 3 pcs outdoor type 3 k.w.a.	For pump room
	# 312		Cooking stove 2 sets	For dock house
No.1 Dock	45	15119	Switch gear in door panel type	For pump (22-24-5664)
		15120	-do-	-do- (22-24-5665)
No.2 Dock	49	15128	-do-	-do- (22-24-6917)
		15129	-do-	-do- (22-24-6920)
		15130	-do-	-do- (22-24-6919)
		15127	-db-	For incoming panel
No.3 Dock No.2 Dock			Trakage for tower crane 200 m	1 set
	312		Rice boiler 6 pics	For dock house
			Table wares disinfector 2 sets	-do-
	309	15174	Bench box vice (6" jow) 2 pics	For repairing dock hand's small tools
		13088	Weighing machine	
	46	13085		
		13089	-do-	
	49	6916	Grinder	Grinding for small tools
	312	6922	Water tube boiler 4 k/d	Supplu for dock house incl.

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			A.C. 80 H.P. 1100 t/h	switch gear (22-24-15119)
		5665	-do-	-do- " (" 15120)
		5666	Reciprocating pump 3 stage D.C. 5 H.P.	No.1 dock aux. pump include speed controller
		12219	Spare motor A.C. 60 H.P.	For travelling gear (tower crane 22-24-6933)
No.2 Dock	49	6917	Centrifugal Pump	
		6919	A.C. 500 H.P. 8500 t/h	No.2 dock main pump include connective machines. For No.2 & No.3 dock switch board (22-24-15127,15128,15130)
		6918	Compressor dry vacuum pump	For No.2 and 3 dock
		6920	Centrifugal pump A.C. 40 H.P.	No.2 dock aux. pump switch board (22-24-15129)
		8427 -8431	Capstan electric driven power 10 t	For No.2 dock & No.3 dock
		10618	Steam winch power 3 t	Driven by comp. air portable
		6921 15131-15132	Transformer 3 pcs outdoor type 3 k.w.a.	For pump room
	# 312		Cooking stove 2 sets	For dock house
No.1 Dock	45	15119	Switch gear in door panel type	For pump (22-24-5664)
		15120	-do-	-do- (22-24-5665)
No.2 Dock	49	15128	-do-	-do- (22-24-6917)
		15129	-do-	-do- (22-24-6920)
		15130	-do-	-do- (22-24-6919)
		15127	-db-	For incoming panel
No.3 Dock			Trakage for tower crane 200 m	1 set
No.2 Dock	312		Rice boiler 6 pics	For dock house
			Table wares disinfector 2 sets	-do-
	309	15174	Bench box vice (6" jow) 2 pics	For repairing dock hand's small tools
		13088	Weighing machine	
	46	13085		
		13089	-do-	
	49	6916	Grinder	Grinding for small tools
	312	6922	Water tube boiler 4 k/d	Supplu for dock house incl. water tank
	309	13548	Band Saw	For making wedge and etc.
		10669	Portable bilge pump A. C. 2 H.P.	For discharging bilge water of ships
	46	10666	Putty mixer A.C. 3 H.P.	
		6898	Motor A.C. 5 H.P.	For paint mixer (13821) and mechanical mill (13822)
		8442	Shaft	-do-

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I. F.	Bldg. No.	Inv. No.	Name and Specification	Description
No.2 Dock	46	13821	Paint mixer	
		13822	Mechanical mill	
		12221	Motor A.C. 5 H.P.	Spare for motor (6898)
No.3 Dock		6933	Tower crane 20 t (host power)	For No.2 & No.3 dock
		8444-8448	Capstan electric driven power 8.5 t	
		10619-10620	Steam Winch power 3 t	Driven by comp. air portable
Rigging & Sewing shop	40	13802	Wire cutting machine under 24 mm wire rope	
		13803-13804	Rope making machine	
		15156	Wire cutting machine with oil jack under 60mm wire rope	
		15161-15167	Oil jack power 10t - 30t 7pics	For lift up rudder & etc.
		15157-15159	Pulling machine "Hippaler" power 3 t	
		8356-8357	Chain block (high speed block) 1t x 3 m	For fitting fron plates to ship and etc.
		8358-8359	Chain block 1t x 2 1/2 m - 5m	-do-
		8360-8362	-do- (high speed block) 2 t x 3 m	-do-
		8363-8364	-do- (tripe block) 2t x 5m -3 m	-do-
		8365-8366	-do- 2t x 5 m	-do-
		8367	-do- 3t x 5m (high speed block)	-do-
		8386	-do- span glur block 1 t x 3 m	-do-
		3387	-do- 1 t x 3 m	-do-
		3388	-do- 1 1/2 t x 4 m	-do-
		8389-8390	-do- 2 t x 5 m - 7 m	-do-
		8391-8392	-do- 3 t x 5 m - 3 m	-do-
		8393	-do- (high speed block) 3 t x 3 m	-do-
		8394	-do- standard spare block 3 t x 5 m	-do-
		8395-8396	Chain block 3 t x 5 m	-do-
		8397	-do- (high speed block) 5 t x 5 m	-do-
		8398	-do- (reading chain block) 1t x 3 m	-do-

No.3	12221	Motor A.C. 5 H.P.	Spare for motor (6898)
Dock	6933	Tower crane 20 t (host power)	For No.2 & No.3 dock
	8444-8448	Capstan electric driven power 8.5 t	
	10619-10620	Steam Winch power 3 t	Driven by comp. air portable
Rigging & Sewing shop	40 13802	Wire cutting machine under 24 mm wire rope	
	13803-13804	Rope making machine	
	15156	Wire cutting machine with oil jack under 60mm wire rope	
	15161-15167	Oil jack power 10t - 30t 7pics	For lift up rudder & etc.
	15157-15159	Pulling machine "Hippaler" power 3 t	
	8356-8357	Chain block (high speed block) 1t x 3 m	For fitting fron plates to ship and etc.
	8358-8359	Chain block 1t x 2 1/2 m - 5m	-do-
	8360-8362	-do- (high speed block) 2 t x 3 m	-do-
	8363-8364	-do- (tripe block) 2t x 5m -3 m	-do-
	8365-8366	-do- 2t x 5 m	-do-
	8367	-do- 3t x 5m (high speed block)	-do-
	8386	-do- span glur block 1 t x 3 m	-do-
	3387	-do- 1 t x 3 m	-do-
	3388	-do- 1 1/2 t x 4 m	-do-
	8389-8390	-do- 2 t x 5 m - 7 m	-do-
	8391-8392	-do- 3 t x 5 m - 3 m	-do-
	8393	-do- (high speed block) 3 t x 3 m	-do-
	8394	-do- standard spare block 3 t x 5 m	-do-
	8395-8396	Chain block 3 t x 5 m	-do-
	8397	-do- (high speed block) 5 t x 5 m	-do-
	8398	-do- (reading chain block) 1t x 3 m	-do-
	8399	-do- 5 t x 5 m	-do-
	8400	-do- (high speed block) 1/2 x 3 m	-do-
	13805-13809	Sewing machine	For sewing curtains and other fitting to ship
	13811-13813	Special sewing machine for industrial use	-do-

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IL F.	Bldg. No.	Inv. No.	Name and Specification	Description
Rigging & Sewing Shop	40	13816	Special sewing machine fof industrial use	For sewing curtains and other fitting to ship
	13818-13820		Sewing machine for industrial use	For sewing canvas
		13810	-do-	-do-
	13814-13815		-do-	-do-
		10667	Motor A.C. 1/2 H.P.	For sewing machine 13810, 13814, 13815
		10667	Motor A.C. 1 H.P.	-do- 13818, 13820
		10670	-do- A.C. 2 H.P.	-do- 13819
			Jib crane arm 5 1/2 M 2 t 3 P'cs	
	13090-13091		Weighing machine	
		15171	Vice (6" Jaw) 26 pieces	
		15173	Leg vice (6" jaw) 7 "	
No.2 Slip Way		5557	Over head crane hoist power 5 ton	
		5559	-do-	
		5561	Over head crane " 30 ton	
		5556	-do- 10 ton	
		8346	Steam winch power 10 ton	
	10626-10630		Steel truck for block keel Trackage 3 lines 2 sets	
Ships		13797	Tug boat "Mizuru Maru" G.T. 192 ton 400 H.P. x 2	Reciprocating Steam Eng.
		10645	-do- "Hashidate Maru" G.T. 133 t 450 H.P. x 2	Electric propelling for compressed air and electric supply
		10641	-do- "Aoi Maru" G.T. 60 t 316 H.P.	Reciprocating steam eng.
		10640	-do- "Katsura Maru" G.T. 64 t 240 H.P.	-do-
		10643	Launch "Misago Maru" G.T. 20 t 200 H.P.	For towing and traffic
		10642	-do- "Hibari Maru" G.T. 20 t 200 H.P.	-do-
		13221	Floating crane hoist power 30 t	For repairing ship and salvaging
		10632	200 ton flat bottom barge	-do-
		10633	100 ton "	-do-
		10634	50 ton "	-do-
		13324	Water Barge cap. 50 ton	For water supply to ships

& Sewing Shop	40 13816	Special sewing machine for industrial use	For [illegible] other fitting to ship
	13818-13820	Sewing machine for industrial use	For sewing canvas
	13810	-do-	-do-
	13814-13815	-do-	-do-
	10667	Motor A.C. 1/2 H.P.	For sewing machine 13810, 13814, 13815
	10667	Motor A.C. 1 H.P.	-do- 13818, 13820
	10670	-do- A.C. 2 H.P.	-do- 13819
		Jib crane arm 5 1/2 M 2 t 3 P'cs	
	13090-13091	Weighing machine	
	15171	Vice (6" Jaw) 26 pieces	
	15173	Leg vice (6" jaw) 7 "	
No.2 Slip Way	5557	Over head crane hoist power 5 ton	
	5559	-do-	
	5561	Over head crane " 30 ton	
	5556	-do- 10 ton	
	8346	Steam winch power 10 ton	
	10626-10630	Steel truck for block keel	
		Trackage 3 lines 2 sets	
Ships	13797	Tug boat "Mizuru Maru" G.T. 192 ton 400 H.P. x 2	Reciprocating Steam Eng. Electric propelling
	10645	-do- "Hashidate Maru" G.T. 133 t 450 H.P. x 2	for compressed air and electric supply
	10641	-do- "Aoi Maru" G.T. 60 t 316 H.P.	Reciprocating steam eng.
	10640	-do- "Katsura Maru" G.T. 64 t 240 H.P.	-do-
	10643	Launch "Misago Maru" G.T. 20 t 200 H.P.	For towing and traffic
	10642	-do- "Hibari Maru" G.T. 20 t 200 H.P.	-do-
	13221	Floating crane hoist power 30 t	For repairing ship and salvaging
	10632	200 ton flat bottom barge	-do-
	10633	100 ton "	-do-
	10634	50 ton "	-do-
	13324	Water Barge cap. 50 ton	For water supply to ships
	10636	50 ton dust barge	
	10635	-do-	
	13823-13832	Floating pier	
	10661	Small wooden boat "Temma" No.4196 6m x 2m	For mooring & salvaging
	10660	-do- No.1990 8m x 2.2m	-do-
	10662	-do- No.4183 8m x 2.2m	-do-

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I. F.	Bldg. No.	Inv. No.	Name and Specification	Description
Ships		10659	Small wooden boat "Temma" Mx. 9m x 2.3m	For mooring and salvaging
		10656	-do- No.3208 10m x 2.3m	-do-
		10658	-do- No.4158 10m x 2.3m	-do-
		10650	-do- No.6086 12m x 2.7m	-do-
		10655	-do- No.6198 10m x 2.3m	-do-
		10651	-do- 10m x 2.3m	-do-
		10637	-do- No.12 10m x 2.3m	-do-
	265	10621	Surface plate 2m x 1m	-do-
		15172	Bench box vice 4 pieces	Tug boat crew's jobs
		13092	Weighing machine	

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THE MACHINES AND INSTRUMENTS

"USE"

Bldg. No.	Integrated Facility
28. 31	Machine Shop
26. 27	Boiler Shop
28. 31	Fitting Shop
13. 285. 313	Fitting Shop

Engineering Section

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"U"

Integrated Facility	Building No.	Inventory No.	Name and Specification	Description
Machine shop	28	4212	Lathe engine 6 feet	
-do-	28	4213	-do-	
-do-	28	4214	-do-	
-do-	28	4215	-do-	
-do-	28	4216	-do-	
-do-	28	4217	-do-	
-do-	28	4219	-do-	
-do-	28	4221	-do-	
-do-	28	4222	Lathe gap 6 feet	
-do-	28	4224	Shaper stroke 508 mm	
-do-	28	4225	Shaper stroke 815 mm	
-do-	28	4226	Shaper stroke 712 mm	
-do-	28	4227	Shaper stroke 406 mm	
-do-	28	4235	Lathe engine 4 feet	
-do-	28	4236	-do-	
-do-	28	4239	Lathe single purpose swing 350 mm	
-do-	28	4411	Grinder tool bench	
-do-	28	4412	Lathe face swing 2,100 mm	
-do-	28	4413	-do-	
-do-	28	4414	Lathe crank pin bed length 6,520 mm	for marine crank shaft
-do-	28	4415	Lathe engine 12 feet	
-do-	28	4416	-do-	
-do-	28	4417	Lathe engine 16 feet	
-do-	28	4422	Lathe engine 18 feet	
-do-	28	4423	Lathe engine 10 feet	
-do-	28	4424	-do-	
-do-	28	4425	Lathe engine 12 feet	
-do-	28	4440	Grinder surface table dia. 500 mm	for tool grinding
-do-	28	4442	Grinder internal max. work dia. 200 mm	for valve grinding
-do-	28	4444	Motor induction 15 H.P.	
-do-	28	4445	Lathe turret chuck capacity 80 mm	
-do-	28	4446	Lathe turret chuck capacity 90 mm	
-do-	28	4447	Lathe turret chuck capacity 52 mm	
-do-	28	4448	Threading machine threading capacity 20 mm	
-do-	28	4449	Threading machine threading capacity 90 mm	
-do-	28	4450	Lathe turret chuck capacity 50 mm	
-do-	28	4451	Lathe turret chuck capacity 52 mm	
-do-	28	4452	Sawing machine max. work size 185 mm	
-do-	28	4459	Lathe engine 4 feet	