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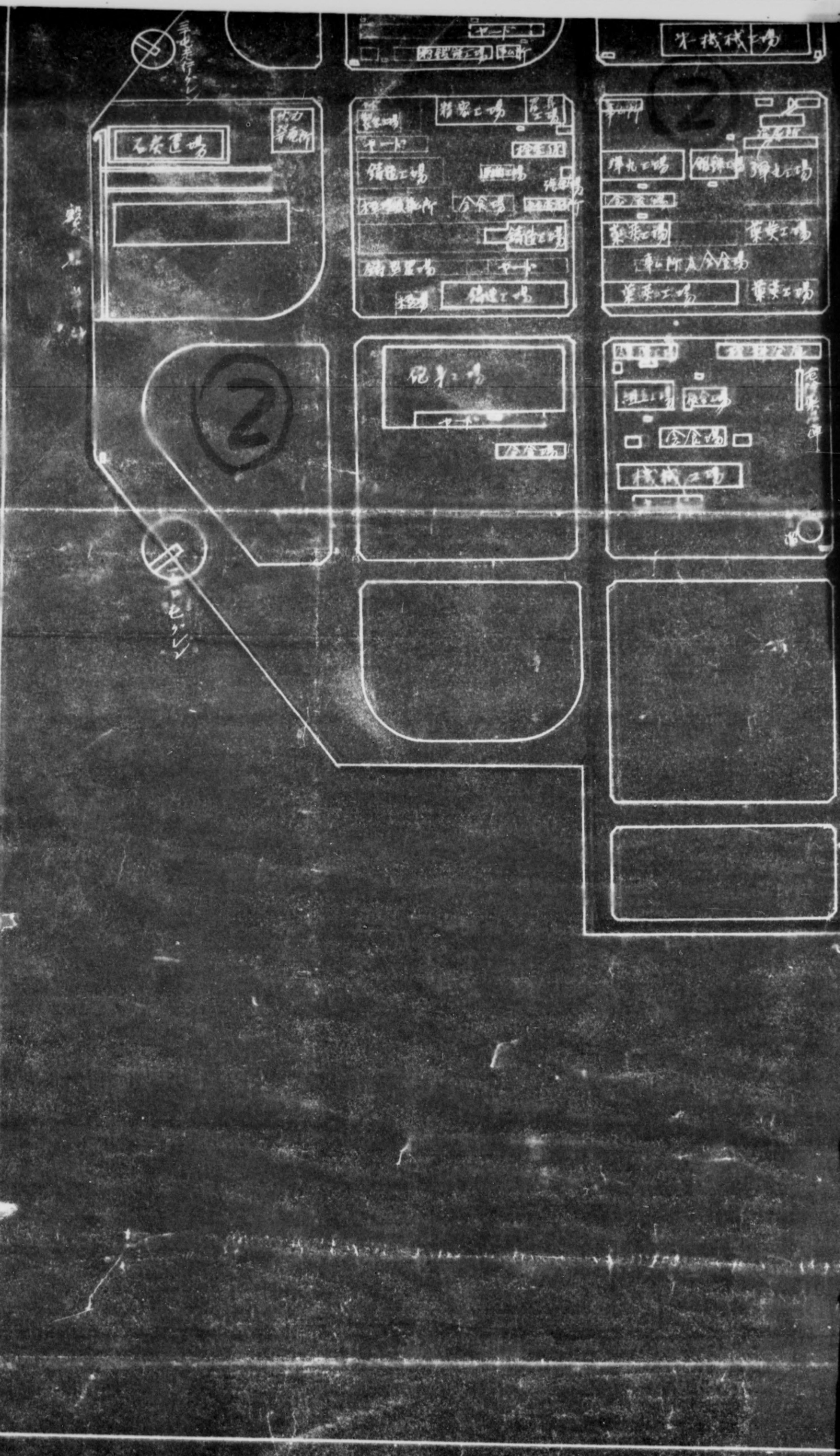

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光海軍工廠配置圖

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

8 8

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
-	CONVERSION OF HIKARI NAVAL ARSENAL INTO GOVERNMENTAL ROLLING STOCK REPAIR WORKS	HIROSHIMA RAILWAY DIVISION OFFICE. BASIC
15 SEP. 1946	REPORT ON THE OPERATION OF INDUSTRIAL FACILITIES	HIKARI BRANCH, HATABU MACHINE SHOP, HIROSHIMA DIVISION OF GOVT. RAILROAD.
27 DEC. 1946	STATUS OF GAURDS AT THE GATE OF EX-HIKARI ARS.	Y.F.B. BASIC.
13 JUL. 1947	REPORT REMOVAL OF LAUNCH MOTORS BY OCCUPATION FORCE PERSONNEL	HIKARI BRANCH. Y.F.O. BASIC
20 DEC. 1947	ON THE CHANGE AND USE OF RAIL TRACK IN THE FORMER HIKARI NAVAL ARSENAL (HIKARI BRANCH SHOP, HATABU RAILWAY WORKSHOP) IN TEMPORARY USE	HIROSHIMA RAILWAY DIVISION OFFICE. BASIC
28 JAN. 1948	ON THE ENFORCEMENT OF ENGINEERING WORKS IN EX-HIKARI NAVAL ARSENAL UNDER TEMPORARY USE	HIROSHIMA RAILWAY DIVISION OFFICE. BASIC
3 MAR. 1948	PETITION FOR REMOVING THE REPARATION EQUIPMENT (PIPES)	HIROSHIMA SUBDIVISION OFFICE, GOVT. R.W. BASIC.
30 DEC. 1948	ESTABLISHMENT OF AN ADEQUATE PROCUREMENT POLICY FOR THE JAPANESE GOV'T. RAILWAYS	G.H.Q, SCAP. BASIC.
15 Jan. 1947	Report on the Progress of the Construction of the Salt Factory in Ex-Hikari Naval Arsenal	Asahi Salt Manufacturing Co.

I.c.-MANAGEMENT, GUARDS AND MAINTENANCE PERSONNEL

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45-04
1C

file
Asahi

REPORT ON THE PROGRESS OF THE
CONSTRUCTION OF THE SALT FACTORY
IN EX-HIKARI NAVAL ARSENAL

(Date: January 15,1947)

From: ASAHI SALT MANUFACTURING CO.

	Machinery & installation	Present condition	Percent-age	Remarks
Electric Equipment 91%	Transformer	300 KVA 3, 15 " 3, 20 " 3 } investigated and repaired 50 " 2, 20 " 2 } now used for construction work	80%	
	Switchboard	H.V. feeding sw. 3, H.V. receiving sw. 1, L.V. feeding sw. 4 } completed	100%	examination of over-current relay curcuit and repair of relay will be done soon.
	Distribution of line	Work of distrubution of line started on 8,Jan. and will be completed on 25,Jan.	85%	
Equipment for salt water	Clearing of grounds	Completed for 9 salt beds	100%	
	Salt beds	No.4 - 25% No.5 - 98% No.6 -100% No.7 - 40% No.8 - 40% No.9 - 50% No.10- 30% No.11- 45% No.12- not started yet	53%	
	"Shijoka"	No.4 - 70% No.5 - 95% No.6 - 95% No.7 - 70% No.8 -75% No.9 - 95% No.10- 75% No.11- 70% No.12- 20%	73%	
	Reservoirs	Two of the three finished		

		T.V. passing [illegible]	100%	and repair of relay will be done soon.
91%	Distribution of line	Work of distrubution of line started on 8,Jan. and will be completed on 25,Jan.	85%	
Equipment for salt water	Clearing of grounds	Completed for 9 salt beds	100%	
	Salt beds	No.4 - 25% No.5 - 98% No.6 -100% No.7 - 40% No.8 - 40% No.9 - 50% No.10- 30% No.11- 45% No.12- not started yet	53%	
	"Shijoka"	No.4 - 70% No.5 - 95% No.6 - 95% No.7 - 70% No.8 -75% No.9 - 95% No.10- 75% No.11- 70% No.12- 20%	73%	
	Reservoirs for salt water	Two of the three finished. Bottom of another one was concreted.	90%	
	Pumps (foundation included)	Foundation for pumps and bridges for pumping sea water are under construction.	80%	
80%	Piping	Under construction	85%	

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

	Installation	Present condition	Percent-age	Remarks
Boiler Equipment	Boilor room	Roofing almost finished. Weather boards and windows will be finished by 20, Jan.	70%	
	Foundation	Completed.	100%	
	Repair	Temporary erecting of stokes finished. Polishing of header caps in progress. Circulation pipes are being ~~lair~~. laid.	80%	
	Installation of boilors	Four drums hung up. Header attaching in progress.	60%	
	Furnace	Bricking started on 11,Jan. and in progress now.	40%	
	Smoke Stocks	Removed in on 10,Jan. Concret of foundation finished on 10,Jan. Planned to erect them on 24,Jan.	70%	
	Accessory installation	Water tank	100%	
	Piping	In progress	70%	
75%	Machines & tools necessary for construction & operation	Applying for a permit of temporary use of those which cannot be obtained. Now utilizinf some of the property of contructors.	70%	
Other Works	Evaporating room	Weather boards of south side and roofing completed.		

	of boilers	Header attaching in progress.	60%	
	Furnace	Bricking started on 11,Jan. and in progress now.	40%	
	Smoke Stocks	Removed in on 10,Jan. Concret of foundation finished on 10,Jan. Planned to erect them on 24,Jan.	70%	
	Accessory installation	Water tank	100%	
	Piping	In progress	70%	
75%	Machines & tools necessary for construction & operation	Applying for a permit of temporary use of those which cannot be obtained. Now utilizinf some of the property of contructors.	70%	
Evaporating Equipment — Crystallizing	Evaporating room	Weather boards of south side and roofing completed. Wall of west side will be finished on 2o,Jan.	80%	
	Foundation	Completed.	100%	
	Evaporator	Two bodies installed on 12,Jan.	85%	
	Accessory machinery		70%	
83%	Piping		75%	

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GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
APO 500

AG 400.12 (8 Nov 48)CTS-R
SCAPIN 1953

30 December 1948

MEMORANDUM FOR: JAPANESE GOVERNMENT

SUBJECT: Establishment of an Adequate Procurement Policy for the Japanese Government Railways

45-4
I.C.

1. Reference SCAPIN 29, 15 September 1945, file AG 091, subject, "Production in Non-War Plants".

2. This directive does not modify or supersede reference in paragraph 1 and shall be interpreted as implementing the policy therein contained.

3. The Japanese Government will within thirty days submit to the Supreme Commander for the Allied Powers for approval a comprehensive plan for revising the present procurement policy and procedures employed by the Japanese Government Railways to insure:

a. That materials and services are procured at the lowest possible cost, under predetermined specifications and in the best interests of the Japanese economy.

b. That the procurement responsibilities of the various offices and bureaus of the Japanese Government Railways are clearly defined.

c. That all contracts for the procurement of materials, supplies and services shall be awarded to the lowest qualified bidder or on the basis of fair negotiation with competitive bidders.

d. That all bidding, advertising, canvassing and awarding of contracts are conducted publicly at all times.

4. The Japanese Government is authorized direct communication with Civil Transportation Section, General Headquarters, Supreme Commander for the Allied Powers, in preparing the required plan.

FOR THE SUPREME COMMANDER:

R. M. LEVY,
Colonel, AGD,
Adjutant General.

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

157B file

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY SUBDIVISION OFFICE

4
45
I.C.

3, Mar. '48

TO : Yamaguchi Military Government Team

SUBJECT : Petition for Removing the Reparation Equipments(Pipes).

I have the honor to submit to you the subject matter asking for your approval of the temporary removal of the crude and heavy oil pipes now lying under the foundation of the Baika River Bridge, 413.279 km, down line, between Kushigahama and Tokuyama, Sanyo Main Line, which is now being reconstructed. Fissures have appeared near the foundation of the bridge, and the operations of trains are endangered as the reconstruction work progresses. The crude oil pipes makes it impossible to prosecute the work, and we hereby ask for your approval of it's temporary removal, which duration is expected to be approximately 6 months after the commencement of the work.

The removed reparation equipments will be replaced to the former place after the work is completed.

Yours respectfully,

S. Nakaji
Superintendent,
JGR,
Hiroshima Sub-Division Office.

Ichiro Tsukamoto
(ICHIRO TSUKAMOTO)
Chief of Yamaguchi Finance Bureau

Approved
4 Mar 48

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

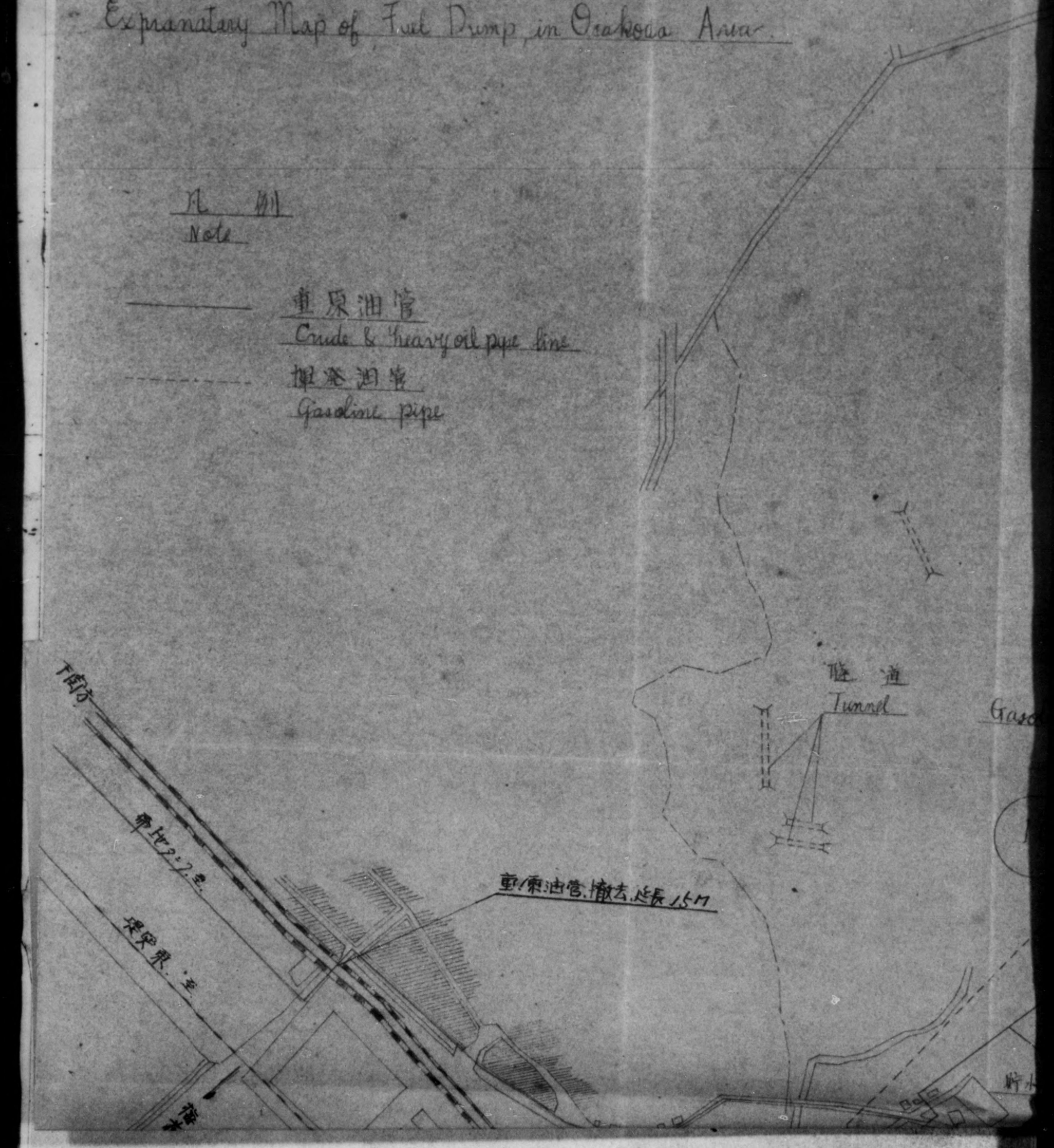
大迫田燃料貯藏所説明図

Expranatary Map of Fuel Dump, in Osakoda Area.

凡例
Note

重原油管
Crude & Heavy oil pipe line

揮発油管
Gasoline pipe



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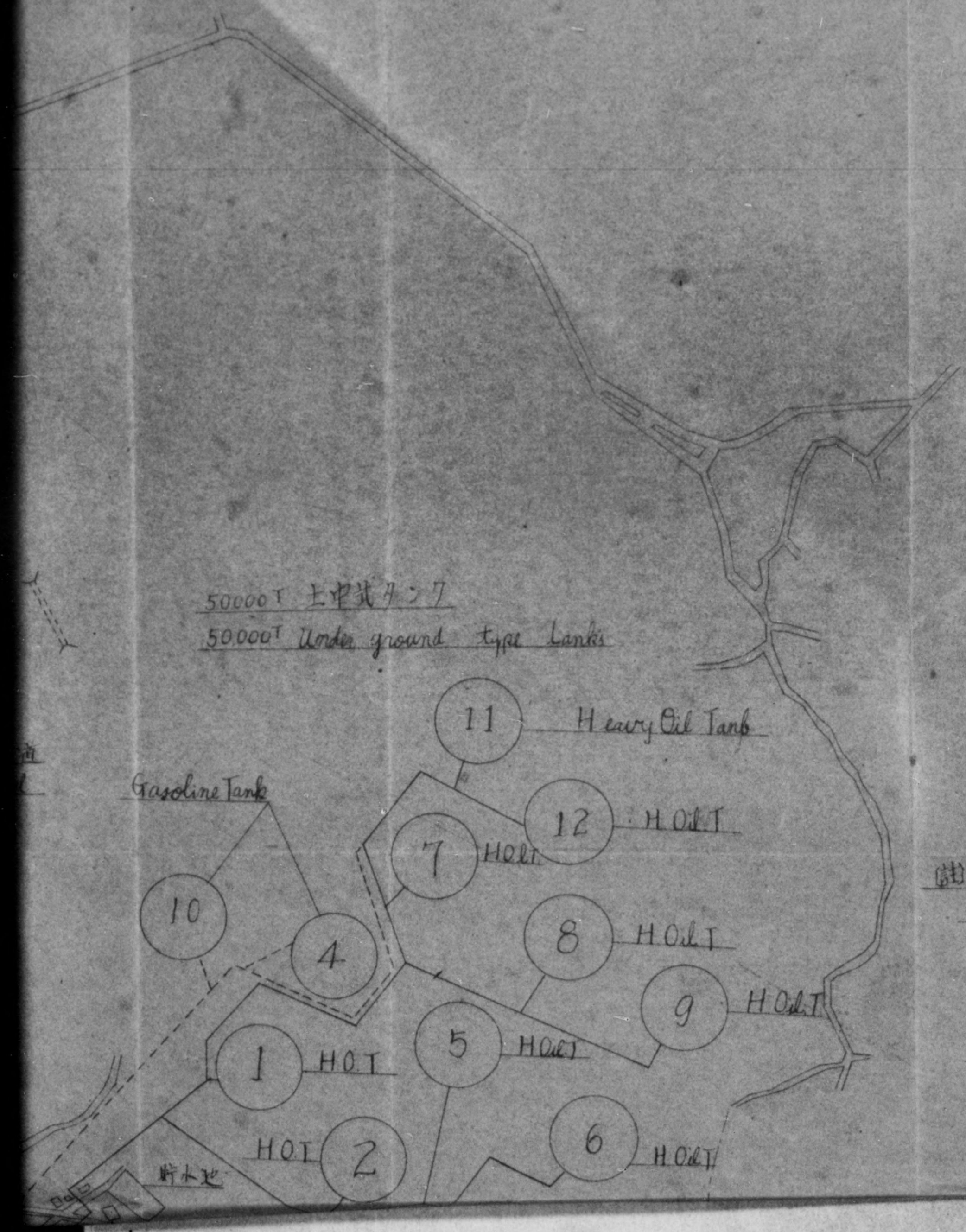

備 Note

1 貯油能力
Storage Capacity
重油 50,000T X
Heavy oil
揮発油 50,000KL X
Gasoline

2 給油能力
Fueling Capacity
重油 0 (但
Heavy oil

揮発油

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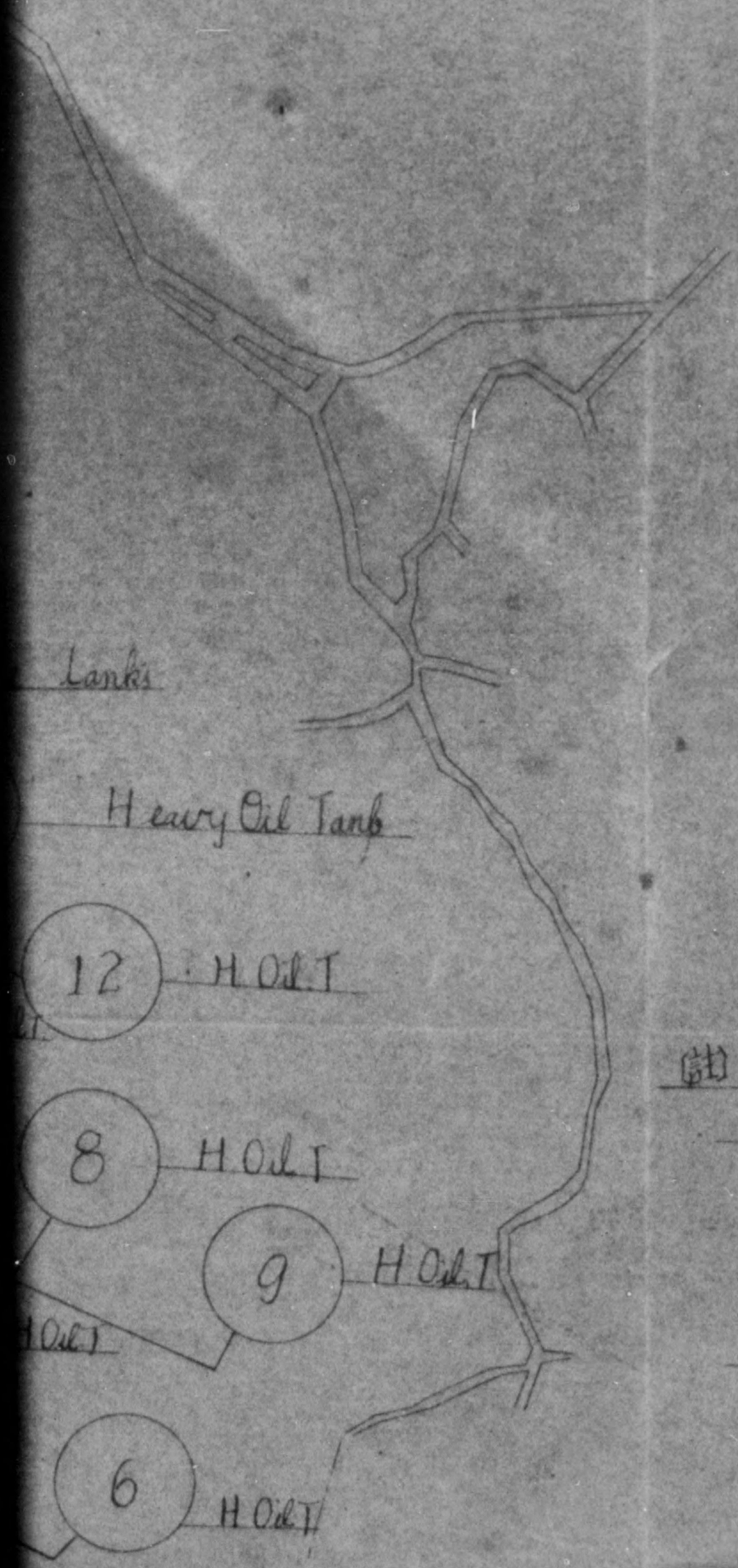

(註) Note

1 貯油能力
Storage Capacity

重油 50,000T X 10 = 500,000T
Heavy oil

揮発油 50,000KL X 2 = 100,000KL
Gasoline

2 給油能力
Fueling Capacity

重油 0 (但;送油管被爆個所復旧ニ200%給油ノ能)
Heavy oil

揮発油 200KL/H

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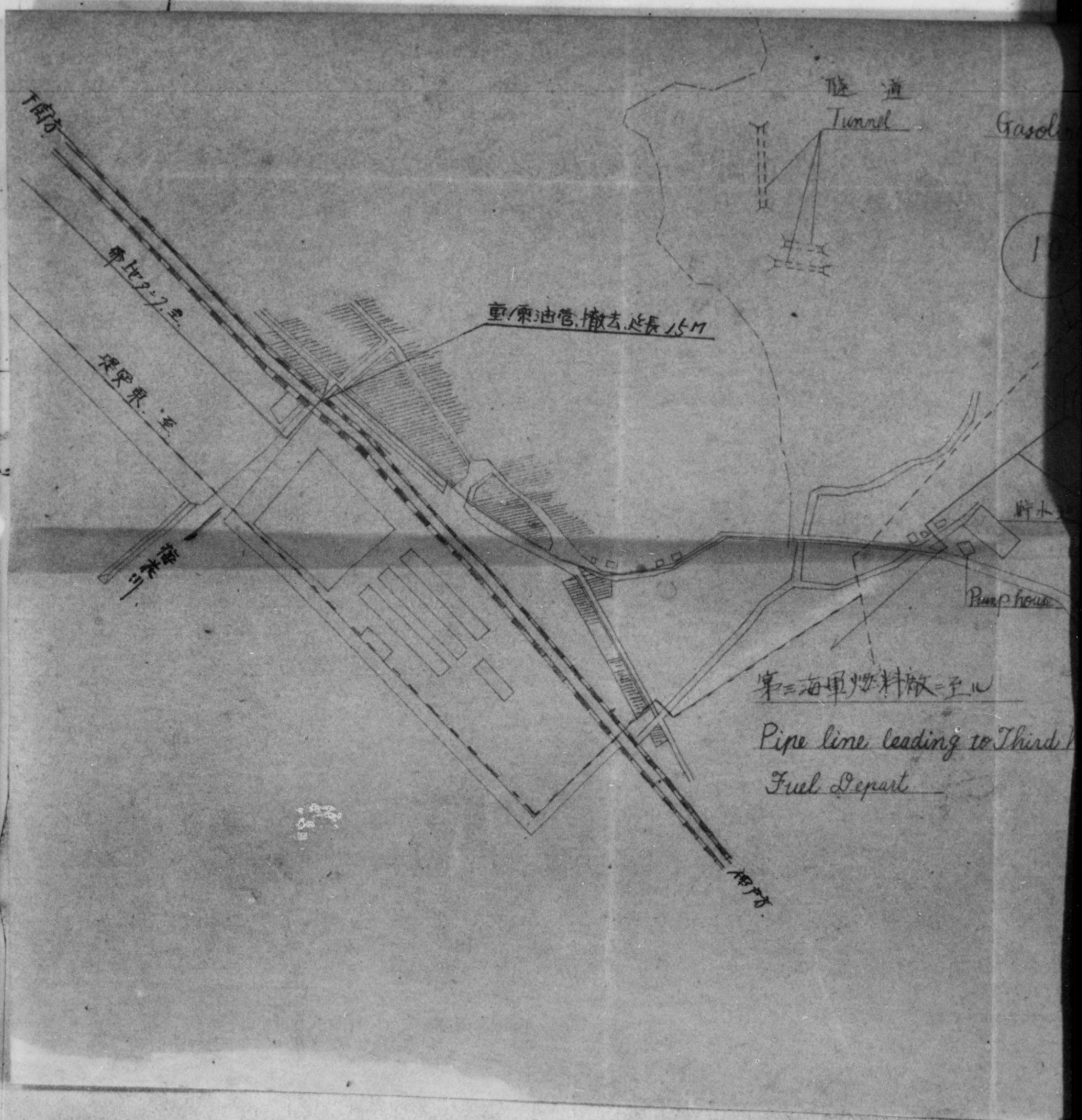

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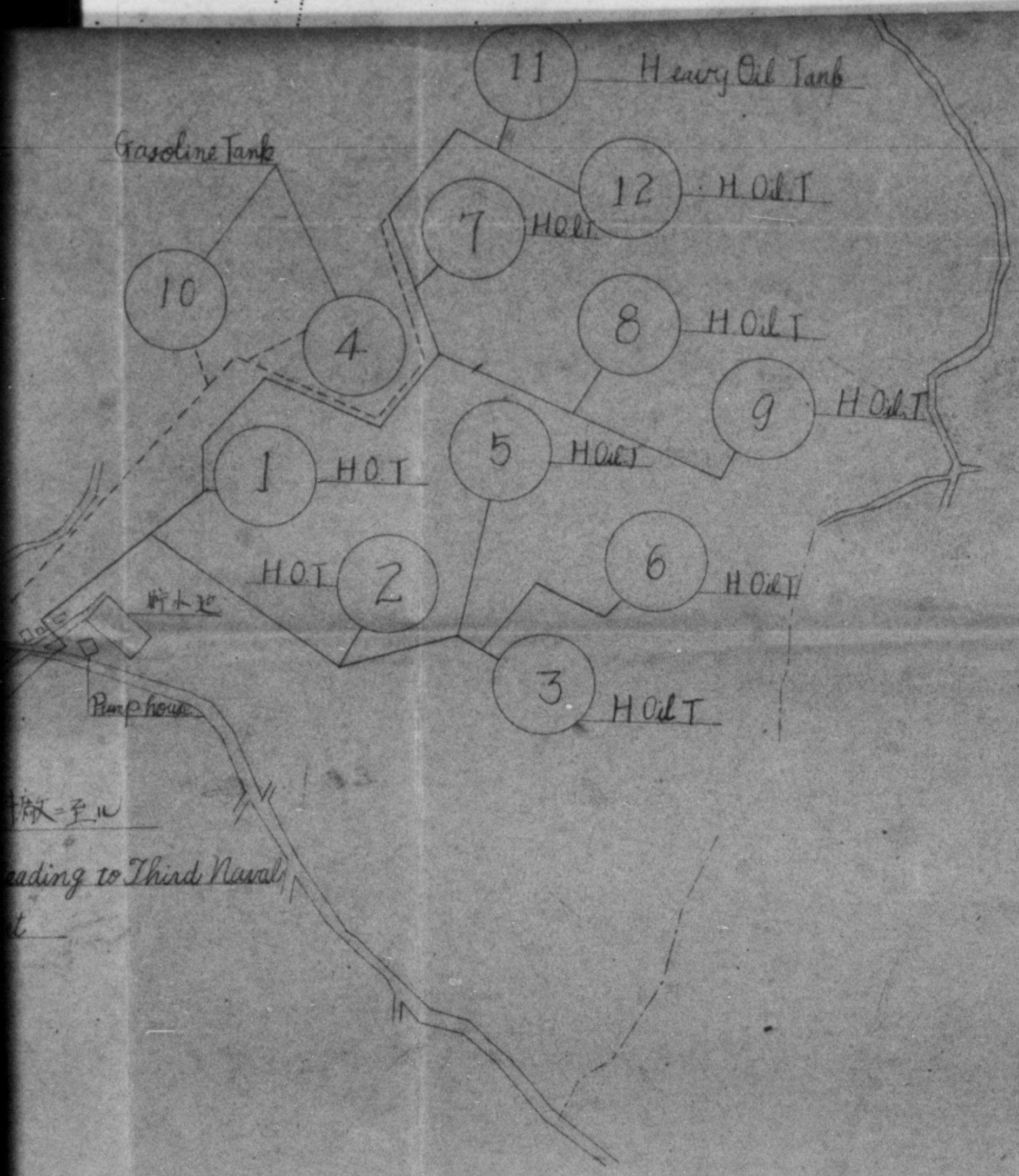

Note

1 貯油能力
Storage Capacity
重油 50,000T X
Heavy oil
揮発油 50,000KL X
Gasoline

2 給油能力
Fueling Capacity
重油 0
Heavy oil

揮発油
Gasoline

3 積荷能力
Loading Capacity
給油ハ第三海軍燃
東突堤 水深
中央突堤
(詳細ニ関シテハ第三
Fueling is done a
East pier depth
along side
Central pier dep
along side

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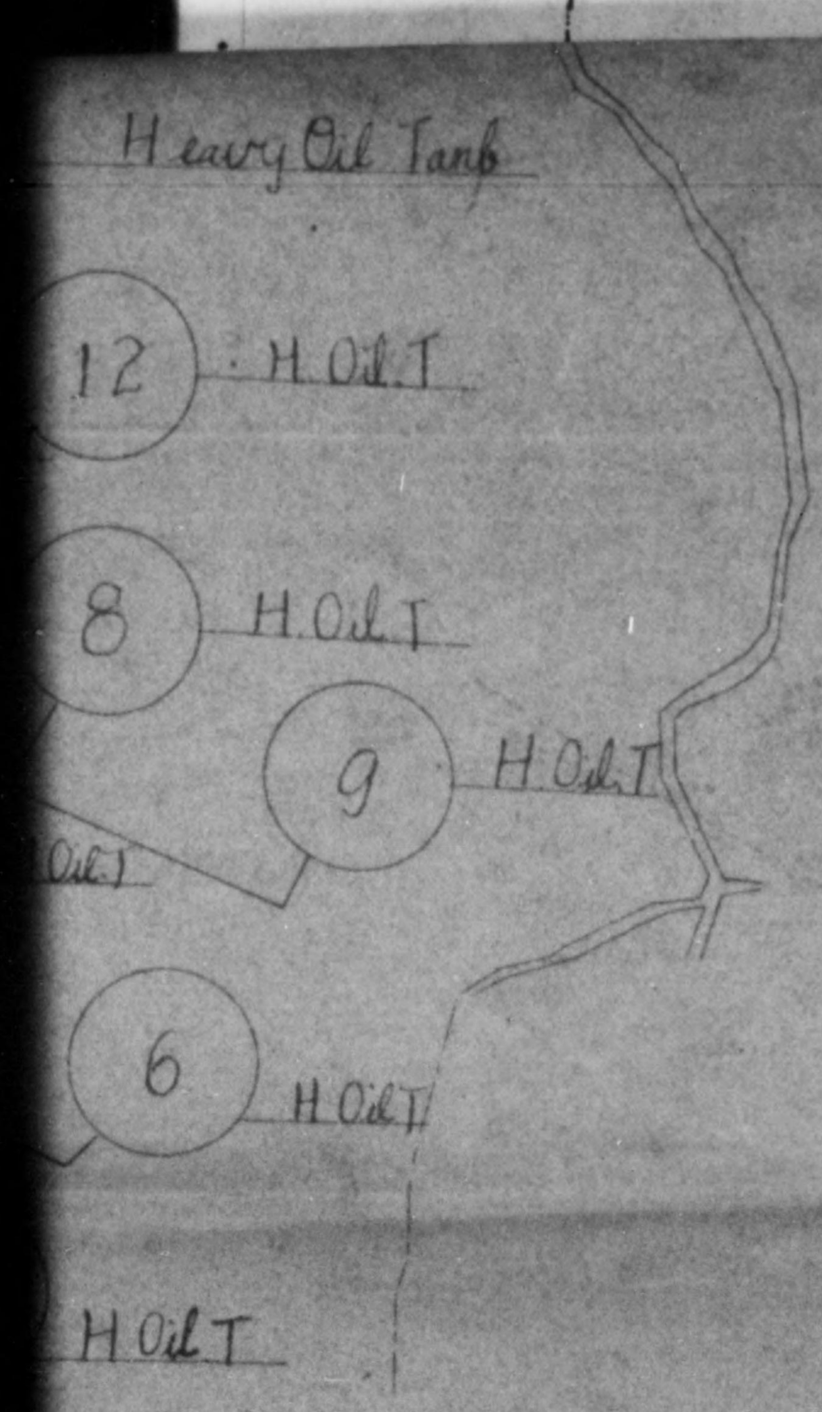
Heavy Oil Tank



(註) Note

1 貯油能力
Storage Capacity

重油 50,000T X 10 = 500,000T
Heavy oil

揮発油 50,000KL X 2 = 100,000KL
Gasoline

2 給油能力
Fueling Capacity

重油 0 (但シ送油管被爆個所復旧ニ200T/H給油可能)
Heavy oil

揮発油 200KL/H
Gasoline

3 荷役能力
Loading Capacity

給油ハ第三海軍燃料廠突堤ヲ使用ス

東突堤 水深 10米 2万屯級タンカー 横付可能

中央突堤 8米 1万屯級 〃

(尚詳細ニ関シテハ第三海軍燃料廠説明図参照)

Fueling is done at the pier of the Third Naval Fuel Depot.
East pier depth 10m 20000 tons tanker can deck along side
Central pier depth 8m 10000 tons tanker can deck along side

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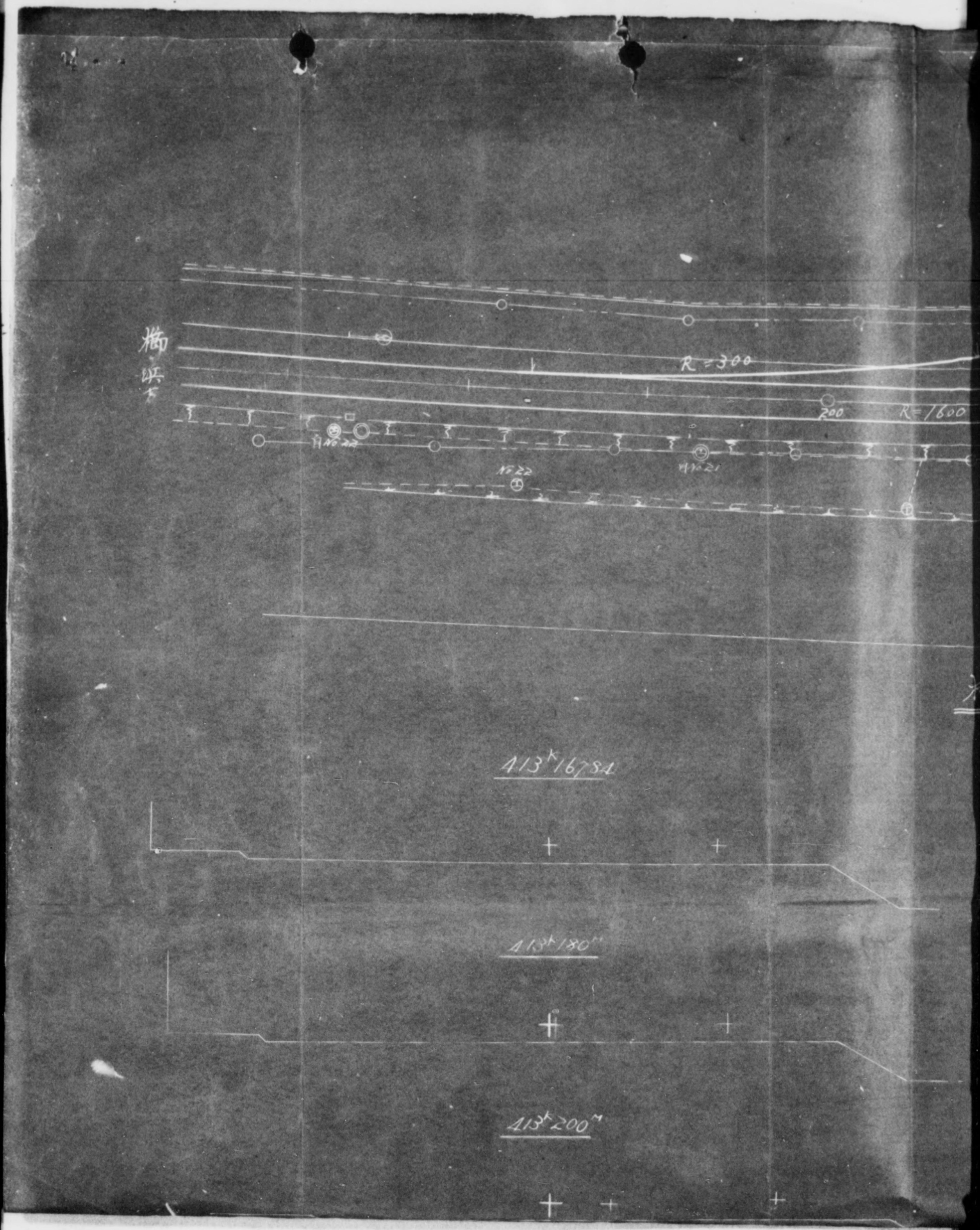

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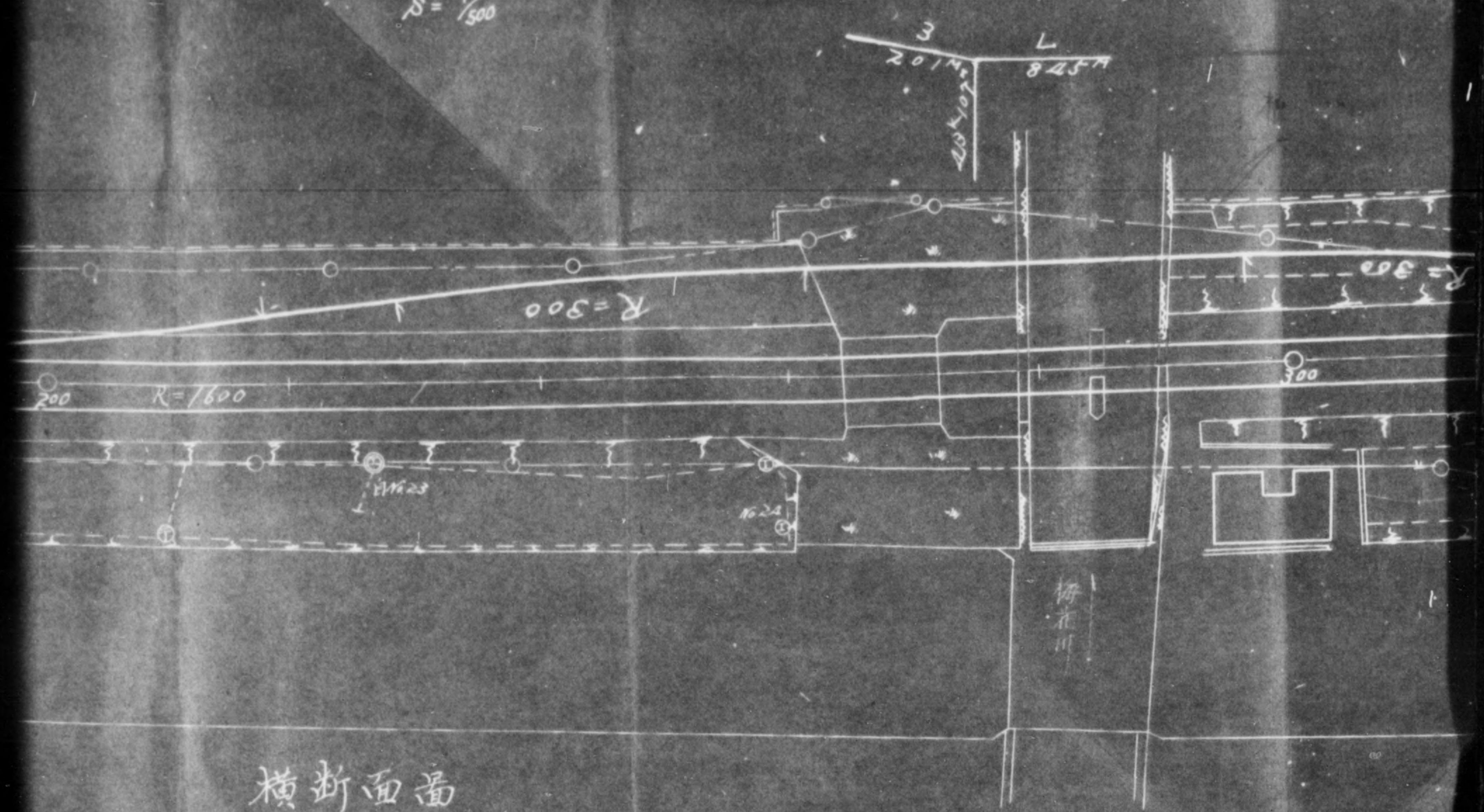
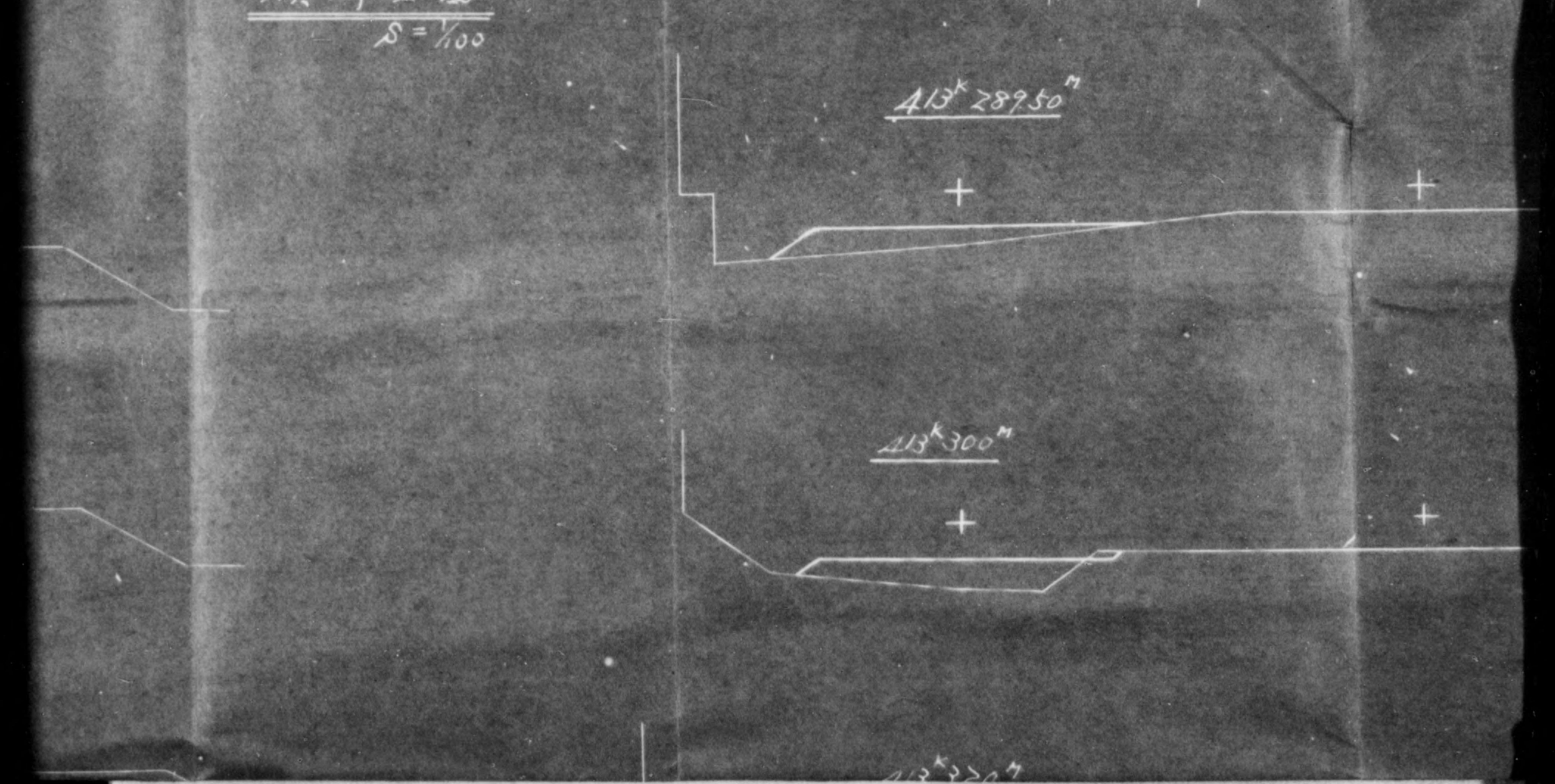
平面圖

S = 1/500



橫斷面圖

S = 1/100



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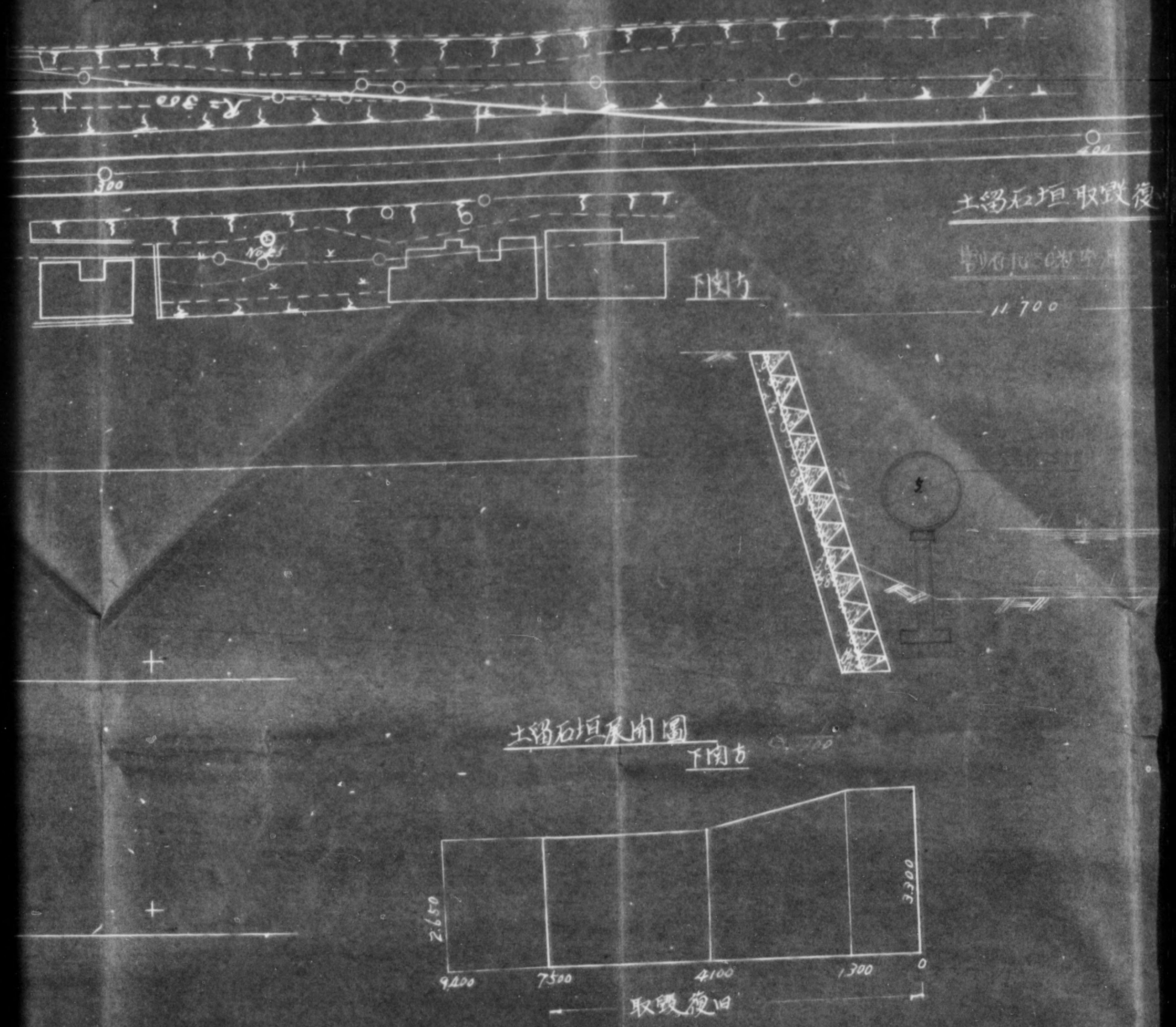

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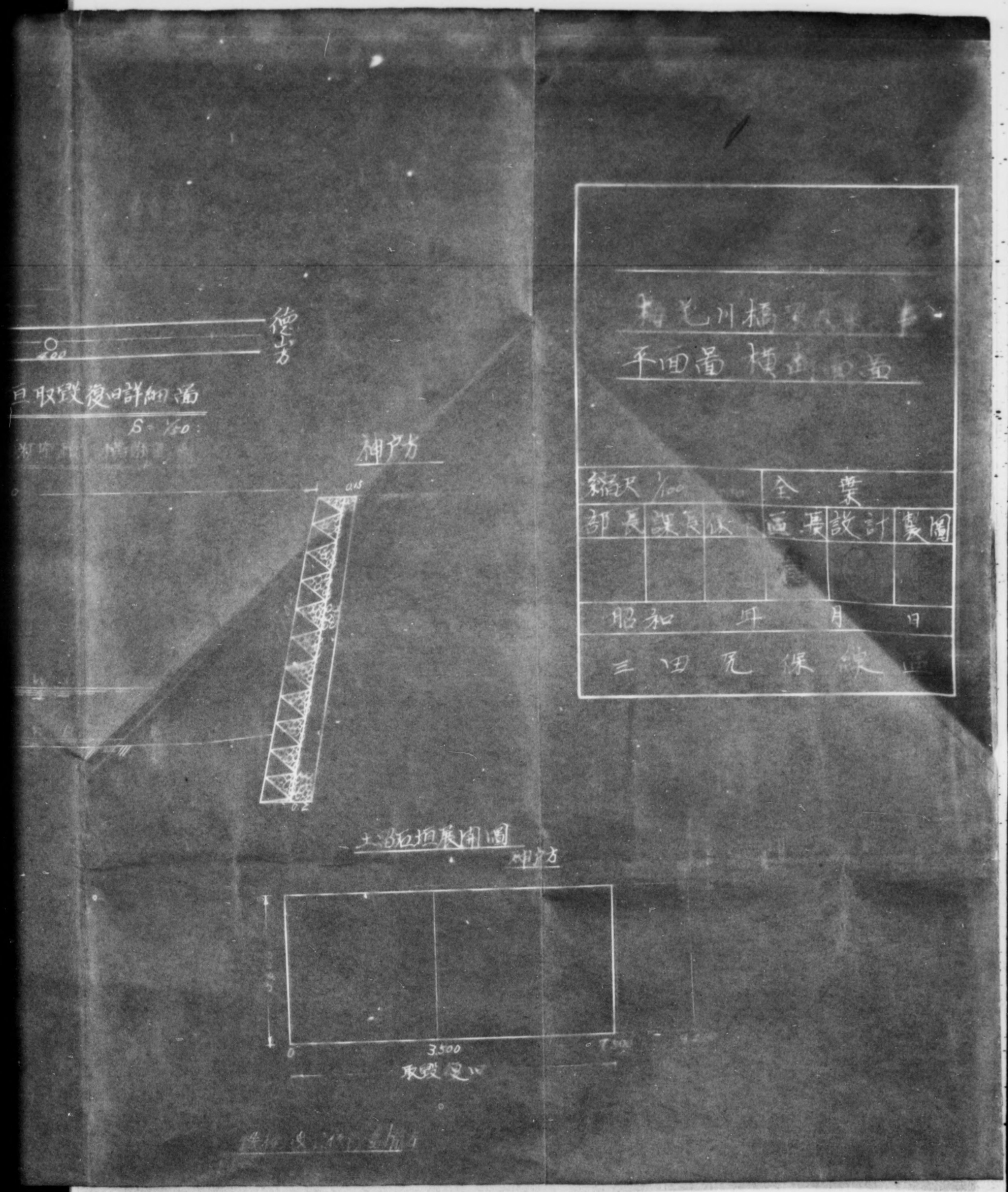

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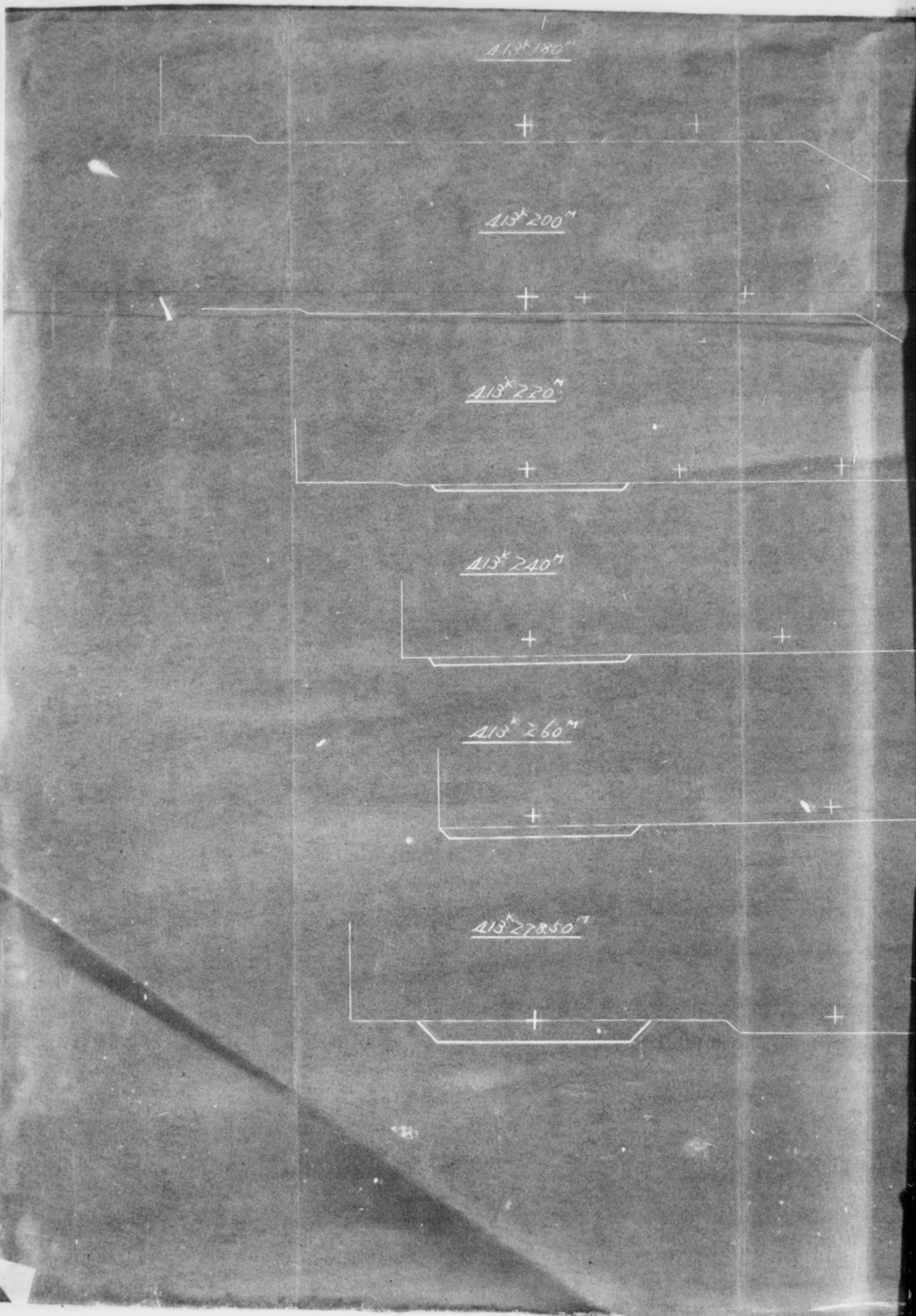

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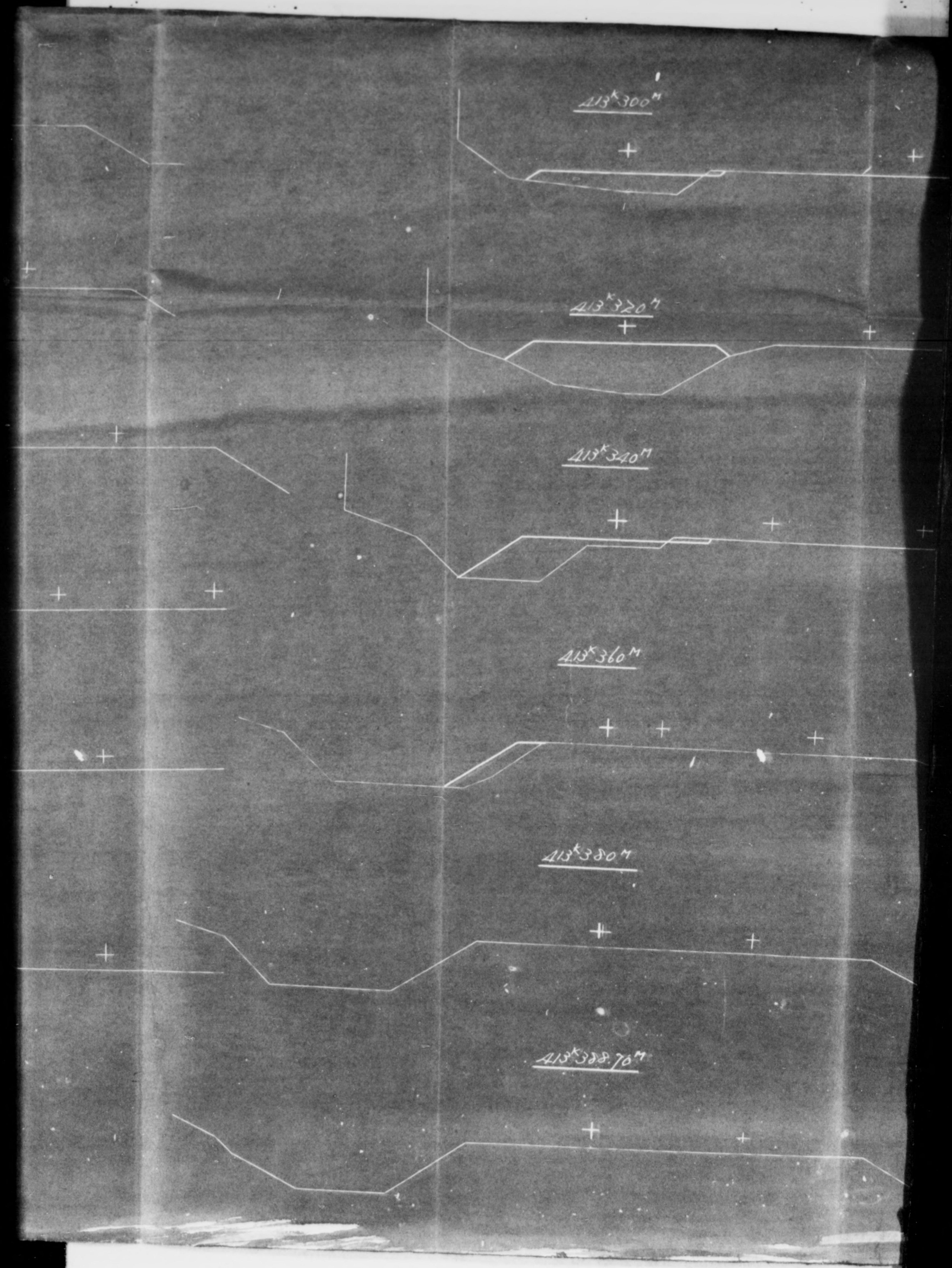

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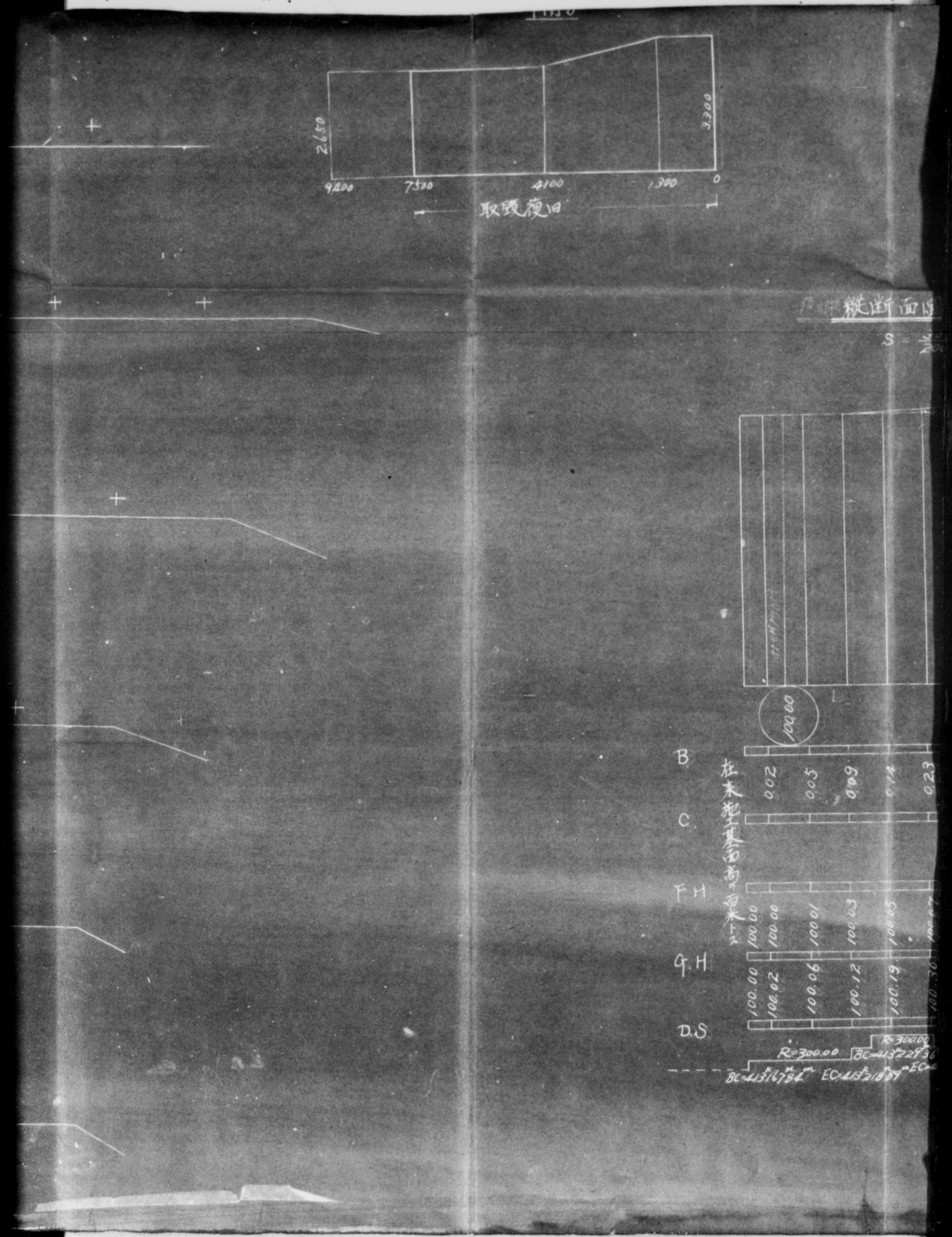

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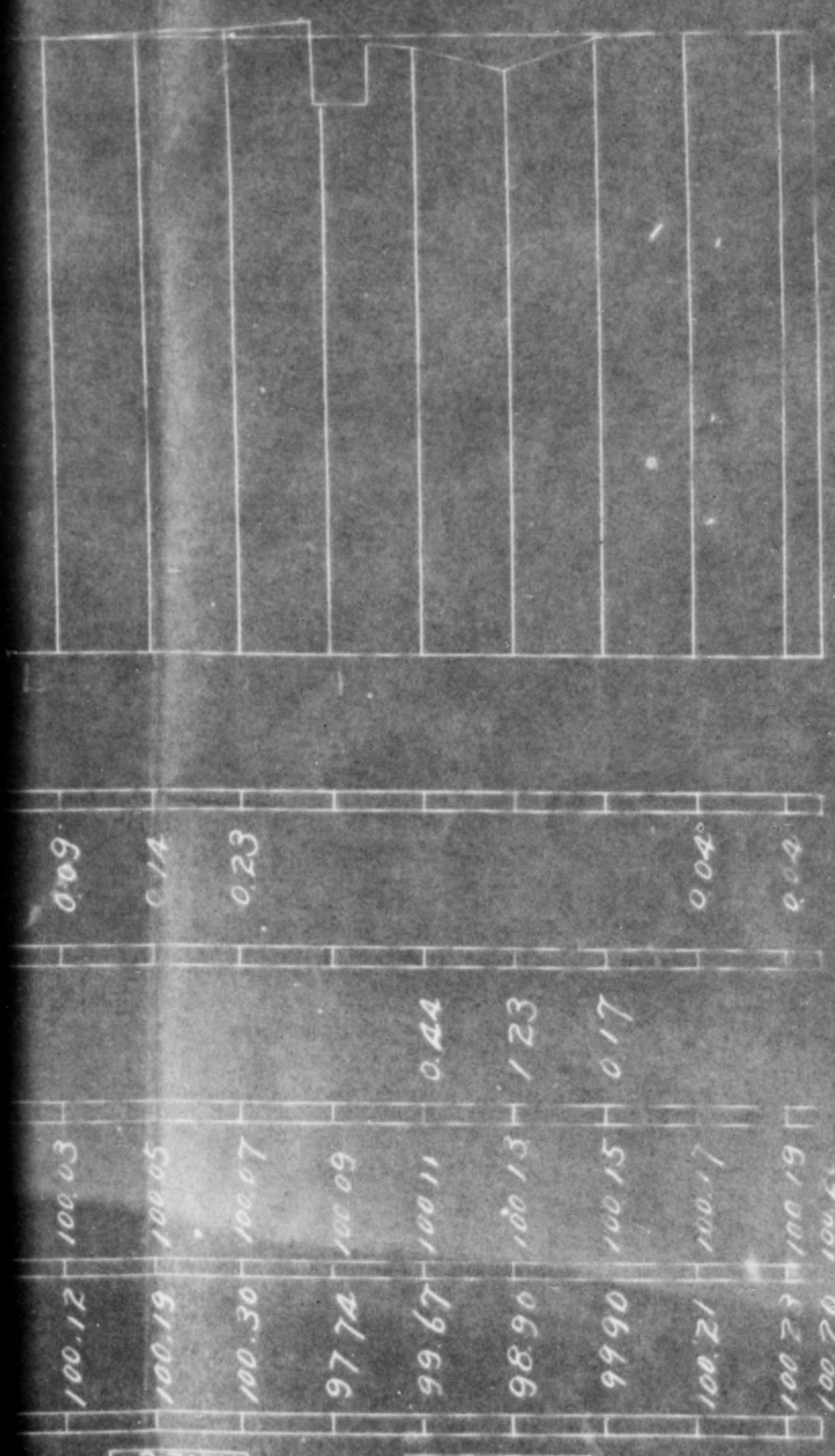
縦断面図

S = 300/2000



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file

15B

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Jan. 28, 1948

45-4
I.C

SUBJECT: On the Enforcement of Engineering Works in Ex-Hikari Naval Arsenal under Temporary Use

TO: Commanding Officer,
Yamaguchi Military Government Team.

Regarding the temporary use of the above arsenal, we have been approved by the "KOKU NO. 1857" dated 4 Oct. 1947 of Hiroshima Financial Bureau.

In the arsenal we should like to enforce engineering works as per inclosed print in order to establish Hikari Branch shop of Hatabu Railway Shop within this fiscal year.

We wish to dismantle rail-trucks in accordance with inclosed print in the works. The dismantled rails will be gathered up to the spot appointed by the Financial Bureau.

I heartily beg you that this matter may be authorized.

NOTE: The kind of rails to be dismantled and quantities are as follows.

ITEM	QUANT.
37 kg-rail	200 m
30 kg-rail	20 m
point	3 sets

Dismantling + storage approved under supervision of Yamaguchi Branch of Hiroshima Finance Bureau.
This headquarters to be advised on completion.
Frederick C. Schuler
Major, Cavalry
R.G.S. Officer

Y. Obata
Y. Obata,
Director of Hiroshima
Railway Division.

Ichiro Tsukamoto
(ICHIRO TSUKAMOTO)
Chief of Yamaguchi Finance
Bureau

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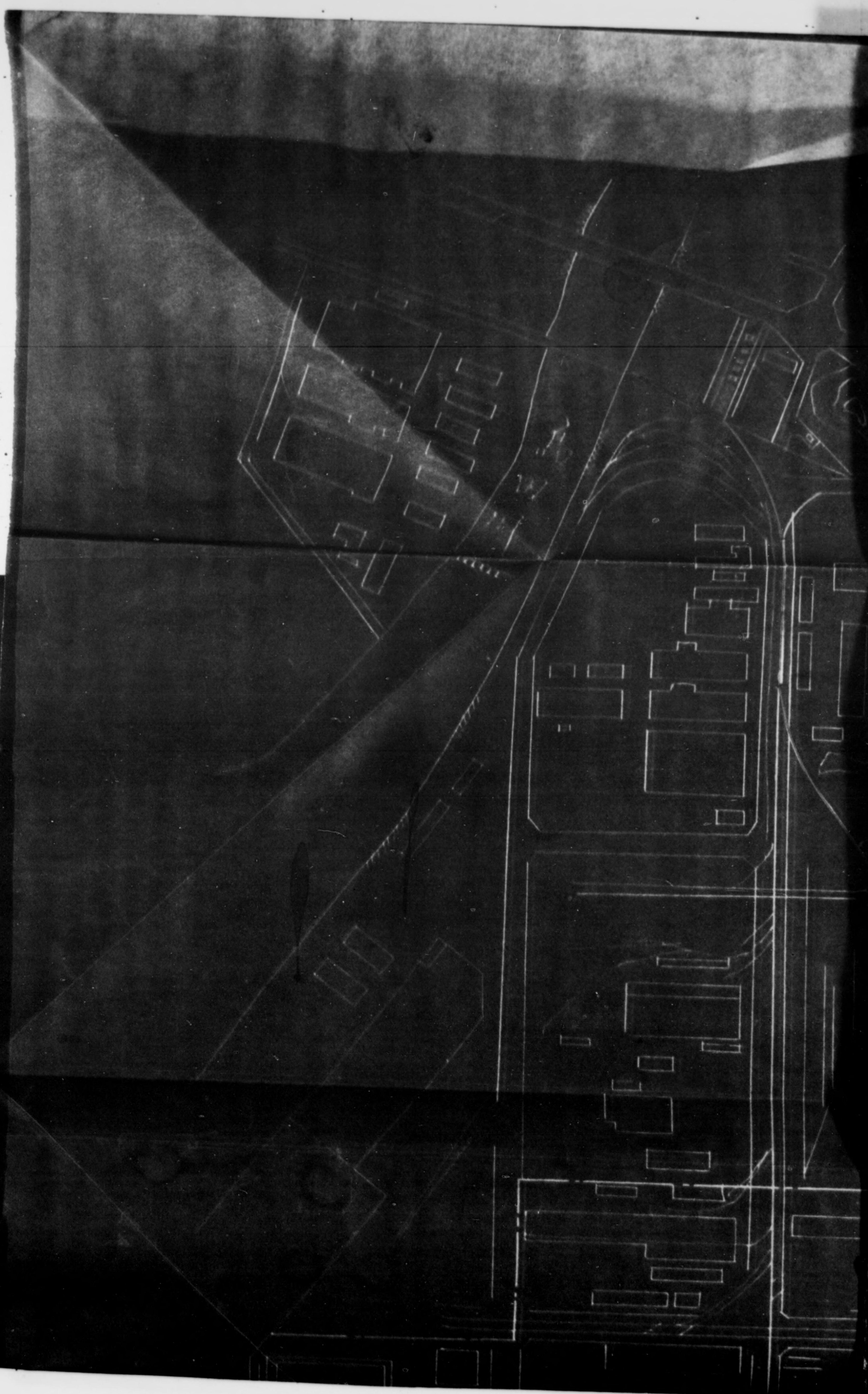

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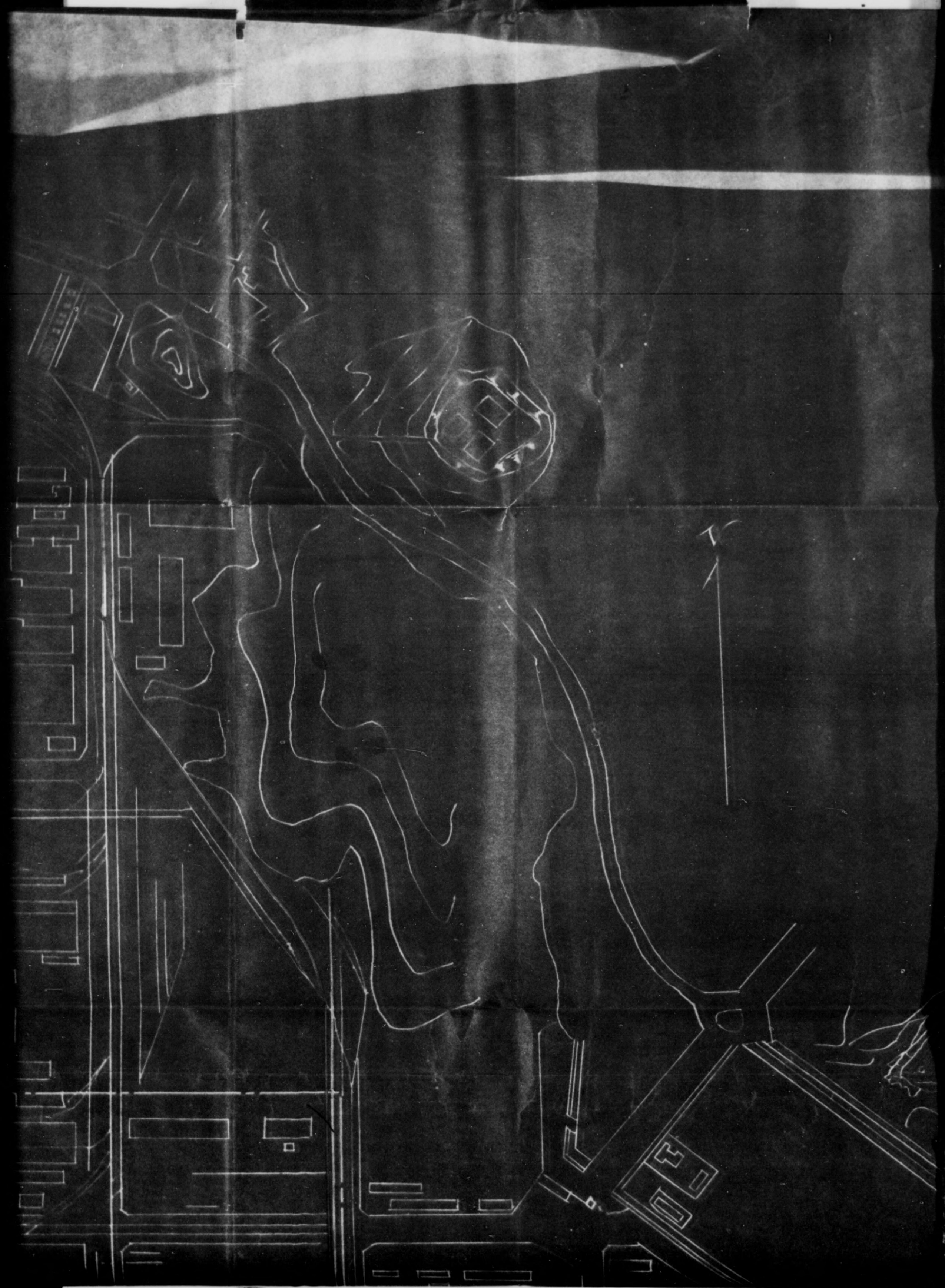

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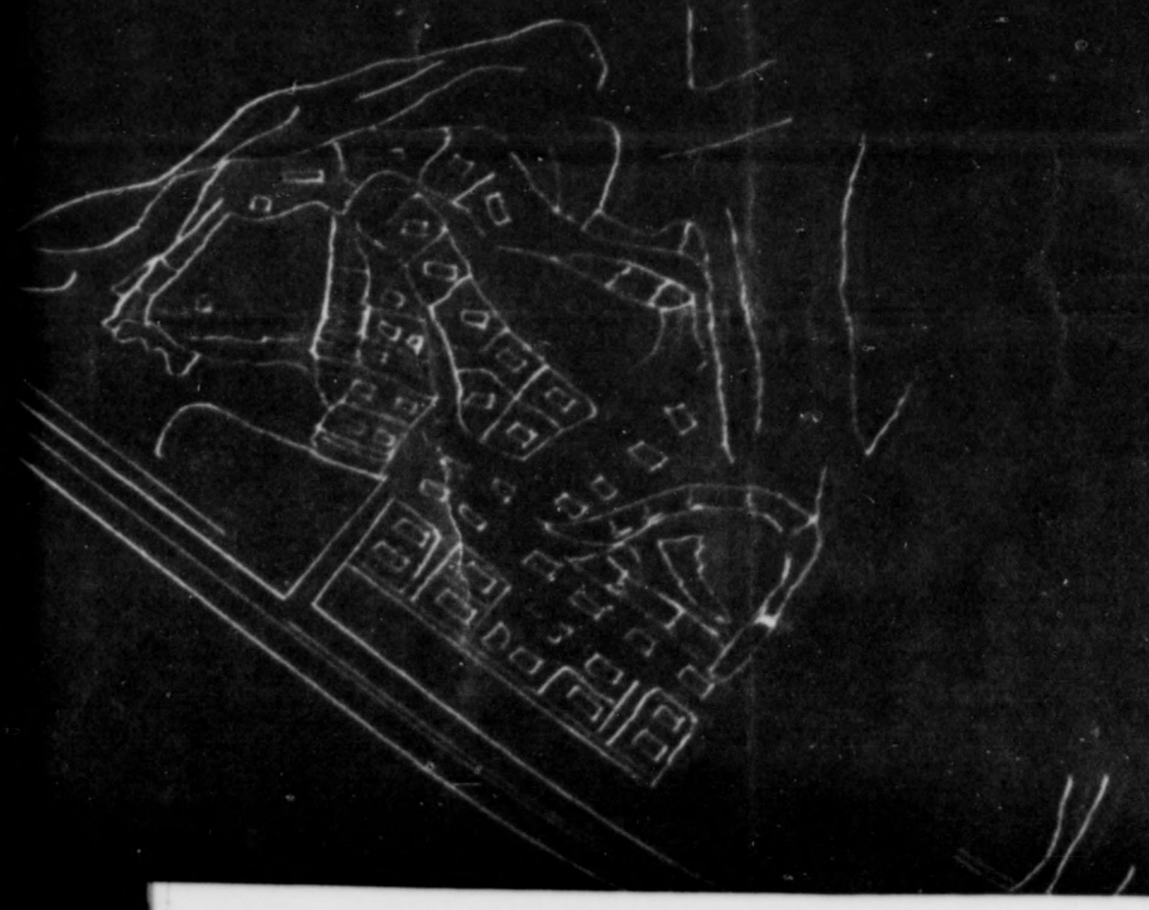

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

file
13B

Dec. 20, 1947

45-4
I.C.

To: Maj. Justice, C.O.
Yamaguchi Military Government Team.

Subject: On the change and use of rail track in the former Hikari Naval Arsenal (Hikari Branch Shop, Hatabu Railway Workshop) in temporary use.

We have been given the approval of the improvement works of rail track in Hikari Branch Shop, Hatabu Railway Workshop, this division, by your letter dated Nov. 27, '47.

Further we wish to change the rail track's courses and use them temporarily, as per inclosed print, owing to circumstances of the shop's equipment.

I heartily beg you that this scheme will be authorized.

Note:

Change of rail track	
37 kg rail	830 m.
30 kg rail	4,300 m.
Point	13 sets

for S. Yasuda
Y. Obata,
Director of Hiroshima Railway Division.

Hikari N. Arsenal

4C

45-4
I.C.

HIROSHIMA FINANCIAL BUREAU
YAMAGUCHI FINANCE OFFICE
HIKARI BRANCH OFFICE

13 July 1947

To: Commanding Officer
Yamaguchi Military Government

Subject: Report ~~Re~~ Removal of Launch Motors by Occupation Force Personnel.

1. Particulars of Conditions at the time of Removal.

On the 24th July 1946, at approximately 1300 hrs, Occupation Force Personnel, claiming to be from IWAKUNI (Australian Air Force according to their uniforms) including; 1 Officer (not sure), 1 Sgt. 1 private and 1 Interpreter, landed at the former HIKARI arsenal torpedo pond on 3 vessels; 1 launch and 2 cutters.

They loaded the 2 launch motors that were still crated, on to the 2 cutters, by using the crane installed in the building. This required about 3 hours, They sailed away to the east, off the coast of MUROZUMI.

During the loading, the guard at the post asked the interpreter whether they had some form of authorization or not, and also asked for a (signature) or a receipt, but he did not comply to any of these requests. Rather, he seemed to be annoyed and took on an attitude as though the guard was interfering with their work.

2. Materials Removed.

These motors were to be placed on newly built launches and had just arrived when the war ended, therefore, we have no particulars or records on them except that they were 80 hp motors.

3. Measures Taken.

Since this was removal by force, without authorization, we immediately report ed to the Police Chief, and presented the case to the Occupation Force Detachment of HIKARI City.

4. Subsequent Information

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

attitude as though the guard was interfering with their work.

2. Materials Removed.

These motors were to be placed on newly built launches and had just arrived when the war ended, therefore, we have no particulars or records on them except that they were 80 hp motors.

3. Measures Taken.

Since this was removal by force, without authorization, we immediately reported to the Police Chief, and presented the case to the Occupation Force Detachment of HIKARI City.

4. Subsequent Information.

On the 6th August 1946, the Provost Marshal of Bofu City came to HIKARI and made investigations into the case, questioning the guards who were on duty on the day of occurrence, (as stated on Para. 1).

I beg to say that there is no subsequent information at present other than those mentioned above.

H. Okada
.....
Chief
Hikari Branch Office
Yamaguchi Finance Office

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

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

27th Dec 1946

Hikari

To; Major Justice

From; Yamaguchi Financial Bureau

Sir,

45-4
I.C

According to your instruation we have made a thorough investigation as to the status of gaurds statinong at the gate of Ex-Hikari Arsenal,we have found the following incident.

On the 21st,November,a B.C.O.F. officer,Capt.Brown (electrial engineer) came to Hikari from Eda-jima Camp for the purpose of investigating electrical wireless equipments stored at Hikari compound. On this day he has called upon Hikari Police Station and requested police to guide him to the warehouse in the Arsenal. The police led him along and have shown him the equipment which the officer took some of the parts. At the same time he ordered police to open safe that happened to be there and after having seen the safe left the Arsenal.

The police instantly reported the incident to the Commander of N.Z stationing at Hikari area. The commander was much regretfull of this report and told the police that he would send gaurds right way to the Arsenal for the maintenance of the properties in the Arsenal. The arrangement was made on the 26th Nov,and schedule was made as follows;

Time	gate location	No of gaurds
From 8 A.M.----16.00 P.M	Front gate	4
" "	Shimada gate	2
" "	Kawaguchi gate	2

As stated above this arrangment has been made by N.Z. commander himself however people at Hikari Arsenal are all glad to have these guards for there is no trouble since then.

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SMGO
EXEC
ADJ
FILE

Subject: Report according to paragraph 3 of your letter dated 16 august 46. "permit for the operation of industrial facilities."

To : Headquaters Yamaguchi Military Government Team.

From : Hikari branch of Hatabu Machine shop, Hiroshima division of Government Railroads.

Date : 15 September 1946

1. name of workshop:
Hikari branch of Hatabu Machine Shop, Hiroshima

division of Government Railroads

1. Name of workshop:

Hikari branch of Hatabu Machine Shop, Hiroshima division of Government Railroads.

2. Location:

Oaga Shimata, Hikari city, Yamaguchi Prefecture.

3. Name of production and its quantity:

Name	Quantity	Remarks Expected date of commencing operation
Repair of locomotives	0	1st. Oct. 47.
Repair of automobiles	0	1st. April 47.
Manufacture of loading machines	0	1st. Nov. 47.
Manufacture of machine tools	0	1st. Oct. 47.
Manufacture of rolling stock parts	0	immediatly

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4. Miscellaneous:

(a) The servey of repaird machines according to your directive (dated 24 April 46.) to Prefecture Research Section from 16 Augt. to 31 Augt. 15 Total no. since commencing work 100.

(b) Number of Machines which were installed for use 100.

(c) We have begun work of repairing buildings which are shown in accompanying chart by number and draw-in-rail.

-end-

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Plan of workshop and maintaining condition of machines in Hikari branch of Hatahi machine shop (21-9-5) 5 Sept. 46.

Mark	Fomu name of workshop	New name of workshop	Maintaining conditions of machines						Remarks
			Total number	number of machine carried in	Polished	original placed	uncarried in	unpolished	
1	Machining and Total shop	machine shop		604	602			2	
2	Welding shop	automobile repair and iron work shop		555	515			40	
3	Casting shop	casting and forging shop							
4	Pattern shop	change of clothes and lining room							
5	Grain yard	Grain yard							
6	Cooking house	Cooking house							
7	Office and warehouse	Pattern shop and its Warehouse							
8	Engine part hangar	Warehouse							
9	Dinning room	Master office							
10	Forge of tool shop	ware house							
11	Heat treatment shop	Heat treatment shop							
12	Iron barrel shop	Locomotive repair shop		342	109		135	368	
13	Casting shop	Casting shop							
14	[illegible]	[illegible]							
15	No3 Forging shop	Iron-work shop							
16	Crane yard	Crane yard							
17	No2. Forging shop	Iron-work shop							
18	gas producing	gas producing							

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12	shop	repair Shop		342	109		135	368	
13	Casting shop	Casting shop							
14	~~Chipping shop~~	~~Chipping shop~~							
15	~~No2 Forging shop~~	~~Iron-work shop~~							
16	Crane yard	Crane yard							
17	No2. Forging Shop	Iron-work shop							
18	gas producing shop	gas producing Shop							
19	Boiler Shop	Boiler shop							
20	Heat treatment shop	Forging shop							
21	Office	Office							
22	Boiler Shop	Boiler shop							
23	Electric sub-station	Electric sub-station							
24	No3. Electric sub-station								
26	Dinning room	change of clothes and dinning room							
	other workshop				97	910		813	
	Total		2546 ~~2587~~	1501		910	135		
	Policed and unpoliced machine								
	Total		2546 ~~2587~~		1323			1223	

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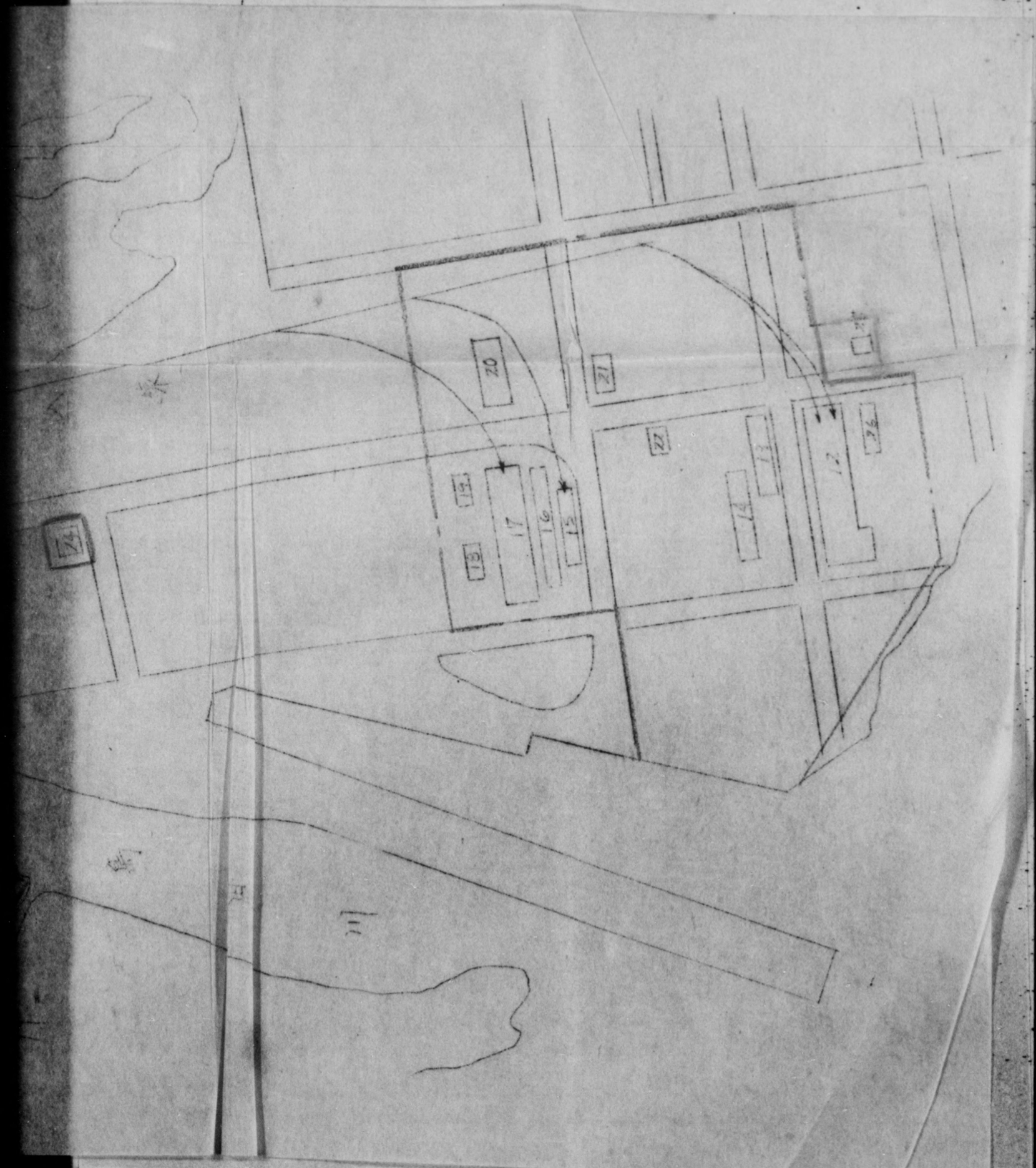

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45-4
I.C. #3

planning to use some much that is stored in under ground store house near the Hikari naval Yard. It is much which was taken from the Hikari Yard.

(1) Serial No. of Report 1

Much was moved during the war. to protect it from air Raids.

Application For Conversion Of Military Institution Into Peace Industry

To; Headquarter of Military Goverment. Yamaguchi

From: Hiroshima Railway Division Office
Ujina, City of Hiroshima, Hiroshima Prefecture
Date of January 19, 1946

Subject: Conversion of Hikari Naval Arsenal into Governmental Rolling Stock Repair Works.

The director of Hiroshima Railway Division Office begs to inform the headquarter of the United States 5th Marine Corps that this written application has been drafted with the desire to transforming the ownerships of the above mentioned arsenal to the Hiroshima Railway Division Office and convertina it into a rolling stock repair works. The reason and plans are as follows: (the details of this plan is shown in the accompanying documents)

The locomotive repair works under the jurisdiction of this office is now carried out in Hiroshima Railway Workshop (at Hiroshima Station, Sanyo Line) but these are not sufficient from the point of scale and equipments. Our repair works has been greatly hindered by this condition. Intending to surmount this difficulty, we would like to be permitted the conversion of the said arsenal into our locomotive repair works.

---

1. Name of Naval Arsenal:

   Hikari Naval Arsenal

2. Location:

   Oaza Shimada, City of Hikari, Yamaguchi Prefecture

3. Owner:

   Japanese Imperial Navy

4. Date of establishment:

   October 1, 1940

5. Scale of the arsenal:

   Ground ---------- 31,742,000 square feet (2,950,000 sq. meters)
   Building ---------- 4,304,000 square feet (400,000 sq. meters)
   (approximate figures)

6. Summary of Equipments:and Materials:

   Machines:

Machine tools ------	1,350
Forging machine ----	37
Casting machine ----	13

   Amount of materials left:

Steel products --------	11,700 ton
Steel alloy ----------	6,160 ton
Wires, Leads, Zinc and Tins ---------	660 ton

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(continued)

7. Personnel:
   a. Wartime:
      25,000
   b. Estimated number after the conversion:
      6,000

8. Wartime products: (monthly)

Internal combustion engines (special submarine)
No. 42 ---- 4 No. 51 -------30
Gun Barrel ----------80
Torpedo ---------- 90
Steel Foundry ------ 5,000 tons
Bullets ---------- 10,000
Shells ---------- 10,000
Bombs ---------- 200

9. Future plans of production: (Details of this programme are shown in the accompanying chart)

We wish to convert the naval arsenal into a rolling stock repair works (governmental) and the detail of this programme and area desired for use are as follows:

a. Area desired for use:
We wish to use equipments which are inside of the red line (refer to accompanying chart) but the majority of them being damaged, we wish to be permitted to use other undamaged equipments for repair works.

b. Estimated amount of production: (monthly)

Manufacture of locomotives ----------10
General repair of locomotives ---------- 17
General repair of automobiles ---------- 25
Trial production of locomotives -------- 1
Sectional repair of locomotives -------- 35
Loading machines ---------- 500 tons
Steel roll ---------- 500 tons
Special steel ---------- 10 tons

c. Necessary materials: (monthly--excepting those required for conversion itself)

Coal ---------- 2,000 tons
Steel scraps ------ 400 tons
Steel products.----- 200 tons
Pig iron ---------,--- 600 tons
Metals other than iron ------- 20 tons
Lumbers ---------- 1,411.6 cubic feet (40 cu. meters)
Oil, Paints, Carbide, Oxygens, etc.

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(continued) (3)

THE CONVERSION PLAN FOR HIKARI NAVAL ARSENAL.

Term	Date of commencing operation	Equipments desired for use	Purposes (Particulars)
1st term	Immediately	1,4,5, in accompanying chart	General repair of Railway's buses and trucks. Manufacture of loading machines.
2nd term	After one year	2 in accompanying chart	General repair of locomotives trial. Manufacture of locomotives.
3rd term	After one year and a half	3 in accompanying chart	Newly manufacture of locomotives. Manufacture of steel rolls for repair of rolling stock.

I hereby certify that the information contained herein is true to the best of my knowledge and belief.

Signed Yukio Kagayama.

Yukio Kagayama
Director of Hiroshima
Railway Division Office

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DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
29 OCT. 1948	RE CLEANING OF GEARBOX (EX-HIKARI NAVAL ARS)	HIKARI OFFICE, H. F. B. BASIC
19 Oct. 50	Application for maintenance Work	Hikari Naval Arsenal
19 Oct. 50	Application for Maintenance Work	Hikari Naval Arsenal

I. D. - MAINTENANCE MATERIALS

1D

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19 Oct 50

Application for Maintenance Work.

Kind of Works: Maintenance of Reparation Machines.
Project Number: 2
Plant Code Number: 55-4
Plant Name: Hikari Naval Arsenal.
Plant Address: Hikari City, Yamaguchi Prefecture.

Description of Work for which funds are required.

Anticorrosives are in no condition for further service according to the typhoon Kezia. Temporary maintenance works are to be carried out for the machines on the attached list.

Justification for request.

Typhoon Kezia broke the sheds and side -walls of buildings storing reparation machines which caused rain-leak and blowing in of salty wind and rain. The reparation machines affected by the above rain-leak etc. became rusty, putting the anti-corrosives in no condition for further service. If they are left in its present condition the rust will erode and ruin the machines, Therefore temporary maintenances are required for the non-operating 1st and 2nd class machines. Machines requiring maintenance are as in the attached list.

55-4 Acc 1D

Cost estimated :	Custodian	District Office	Ministry
Cost of materials not available from reparation stock	Y 0	Y 0	Y
Labour Cost	Y 10,000	Y 16,100	Y
Transportation Cost	Y 0	Y 0	Y
Miscellaneous Expense	Y 0	Y 0	Y
Total	Y 10,100	Y 16,100	Y

Estimatedby (Custodian) J. Nakata Dated Oct. 12, 1950
Checked by (District Office) K. Morioka Dated Oct. 12, 1950
Checked by (Ministry) _____ Dated _____
approved by Reparation Agency _____ Dated _____
Approved by Civil Affairs Team R. Bettradley Dated 19 Oct 1950
Approved by C.P.C. _____ Dated _____

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List of Reparation Machines Which be Required Remaintenance

Bldg.No.	Inventory No.	Name of Machine	Class	Weight (ton)	Point	Extent of Maintenance	Remarks
	45-4-						
132	522	Steam Hammer	1	80,0	140	Partial	
"	523	"	1	41,0	120	"	
"	524	"	1	62,0	"	"	
"	526	"	2	12,0	80	"	
137	569	Shearing Machine	2	8,0	130	"	
"	570	"	2	12,0	150	"	
100	488	Boring and Turning Mill	2	25,0	220	"	
79	2723	Steam Hammer	2	10,0	80	"	
"	2727	Friction Press	2	8,0	130	"	
"	2866	Vertical Hydraulic Press	2	15.0	150	"	
"	2867	"	2	10.0	"	"	
"	2868	"	2	12.0	"	"	
"	2869	"	2	17.0	"	"	
"	2872	Air Compressor	1	0.7	60	"	
48	2798	Vertical Hydraulic Press	2	450.0	600	"	
"	2800	"	2	250.0	500	"	
"	2801	"	2	100.0	300	"	
44	2776	"	2	75.0	500	"	
"	2777	Horizontal Hydraulic Pump	2	32.0	300	"	
54	2880	Planer	2	12.0	150	"	
25	2635	Face Lathe	2	13.0	200	"	
"	2751	"	2	25.0	"	"	
20	2748	Air Hammer	1	45.0	80	"	
"	2844	"	2	3.5	"	"	
34	2870	Hydraulic Pump	1	15.0	300	"	
Shimata-Mon	2146	Hack Saw	2	0.5	40	"	
"	2147	"	2	"	"	"	
"	2148	"	2	"	"	"	
64	2526	Turret Lathe	2	5.5	220	"	
"	2530	"	1	3.0	150	"	
"	2532	Lathe	2	2.5	180	"	
"	2956	"	1	14.0	250	"	
"	3014	"	2	10.0	"	"	
"	3101	"	1	25.0	350	"	
"	3102	"	1	"	"	"	
"	3354	"	1	14.0	260	"	
"	3405	"	2	2.0	130	"	
"	2714	Shearing Machine	2	4.0	120	"	
"	3077	"	1	6.5	50	"	
"	2840	Vertical Hydraulic Press	1	150.0	600	"	
"	3037	Hack Saw	2	0.7	40	"	

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Bldg. No.	Inventory No.	Name of Machine	class	Weight (ton)	Point	Extent of Maintenance	Remarks
	45-4-						
64	3064	Hack Saw	2	2,3	70	Partial	
"	2955	Turbine Pump	1	0,2	20	"	
"	2959	"	1	2,0	30	"	
"	2961	"	1	2,5	40	"	
"	3058	Reciprocating Pump	1	0,1	20	"	
"	3059	"	1	0,2	30	"	
"	3296	Hydraulic Pump	1	4,0	120	"	
"	3361	Turbine Pump	1	0,2	30	"	
"	3389	"	1	0,1	20	"	
"	3436	"	1	0,4	30	"	
"	3438	"	1	"	"	"	
"	3443	Screw Pump	1	1,5	"	"	
"	2840	Vertical Hydraulic Press	1	150,0	600	"	
"	3353	Vertical Hydraulic Machine	2	2,5	40	"	
"	3368	Bite Grinder	2	0,4	"	"	
"	3369	"	2	"	"	"	
"	3370	"	2	"	"	"	
"	3982	Vertical Shaper	1	2,8	120	"	
"	3104	"	1	9,0	200	"	
"	3123	"	1	2,8	120	"	
"	3130	"	2	14,0	220	"	
"	3140	"	2	9,0	200	"	
"	3150	Planer	1	33,0	350	"	
"	2972	Band Saw	1	3,0	60	"	
"	3005	"	1	5,5	100	"	
"	3362	"	2	"	"	"	
"	4009	"	1	1,5	120	"	
"	4010	"	1	3,0	60	"	
"	2979	Planer	2	2,8	90	"	
"	3109	"	1	3,4	100	"	
"	2980	Horizontal Milling Machine	2	2,2	120	"	
"	3084	"	2	5,8	180	"	
"	3114	Vertical Milling Machine	1	5,0	"	"	
"	3083	Horizontal Boring Machine	2	14,0	200	"	
"	3143	"	1	25,0	250	"	
"	3148	"	1	11,0	"	"	
"	3151	"	1	23,0	"	"	
"	3152	"	1	"	"	"	
"	3153	"	1	11,0	220	"	
"	3314	"	2	4,5	150	"	

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Bldg.No.	Inventory No.	Name of Machine	Class	Weight (ton)	Point	Extent of Maintenance	Remarks
	45-4-						
64	3157	Special Boring Machine	1	35,0	350	Partial	
"	3093	Radial Boring Machine	2	4,2	130	"	
"	3132	"	2	"	"	"	
"	3269	Vertical Boring Machine	2	0,7	60	"	
"	2944	Sand Mixer	2	15,0	100	"	
"	3168	Bending Plate Roll	2	25,0	250	"	
"	353	Punching Machine	1	0,8	90	"	
"	2905	Induction Motor	1	0,6	15	"	
"	2911	"	1	0,3	10	"	
"	2921	"	1	0,4	15	"	
"	2923	"	1	0,9	"	"	
"	2924	"	1	"	"	"	
"	2926	"	1	0,6	10	"	
"	2927	"	1	0,4	15	"	
"	2928	"	1	0,7	"	"	
"	3396	"	1	1,0	20	"	
"	3627	"	1	0,3	10	"	
"	3654	"	1	0,6	15	"	
"	3656	"	1	"	"	"	
"	3676	"	1	1,3	"	"	
Total	lol machines			2,077.8	14,585		

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19 Attachments

Application for Maintenance Work

Kind of Work: Repair of buildings damaged by typhoon Kezia.

Project No: 1

Plant Name: Hikari Naval Arsenal

Plant No. : 45-4

Plant Address: Hikari City, Yamaguchi Prefecture

Descrition of Work for which funds are requested.

Bldg. No.		Repairing Section	Dimensions for repair roof	wall	Outline of Work
"% 25	1	wall & roof	4 tsubo	15 tsubo	Recover side wall with board, repair plant of building, reroof zin plate.
48		wall & roof	9 "	33 "	As the building was blown down the minimum zinc house is to be newly constructed. Put in lock.
64	1	wall, roof & window	2 "	95 "	Recover roof and wall with zinc plates, repair the part torn down, put lock on.
79	1	wall, roof & window	3 "	20 "	"
	2	"	3 "	17.5 "	"
	3	"	3 "	17.5 "	Recover roof & wall with zinc plates, put on lock.
	4	"	4 "	20 "	"
132	1	"	4 "	12 "	"
	2	"	5.5"	31 "	As torn down newly construct minimum zinc house, put lock on
	3	"	3 "	10 "	Recover roof & wall with zinc plates, put lock on.
	4	roof	2.5"	5 "	Recover roof with zinc plates.
	5	"	3 "	3.4"	"
137	1	roof & window	6.5"	0	Recover roof with zinc plates, renew door
Total		15 bldg.	52.5 "	279.4 "	

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Continue Application for Maintenance Work Hikari Naval Arsenal.

Justification for reuest:

1. These buildings stores non-operating reparation equipments which are not easy to remove. Minimum repairs are required for the damage done by typhoon Kezia to prevent rain-leak and rain-storm and furhter to prevent burglary. Subject repairs are cheaper than centralization of machines.

2. Materials available from repararion stocks and the serviceable zinc plates or boards of the torn down buildings will be used as much as possible.

3. The buildings to be repaired does not include those which has approval for temporary use of building or AU machines.

4. The cost was estimated by checking respective buildings. However as the actual works will be carried out by the method of bidding, it is expected to be cheaper.

Cost estimate:	Custodian	District	Ministry
Cost of mateials not available from reparations stocks	Y 4,011	Y 4,011	Y
Labour Cost	Y 121,150	Y 121,150	Y
Transportation Cost	Y 0	Y 0	Y
Miscellaneous Expense	Y 0	Y 0	Y
Total	Y 125,161	Y 125,161	Y

Estimated by (Custodian) T. Nakata Dated Oct. 17. 1950

Chrcked by (District Office) K. Nomoto Dated Oct. 17. 1950

Checked by (Ministry) _____ Dated _____

Approved by Reparations Agency _____ Dated _____

Appoved by Civil Affairs Team R.B. Strelley Dtaed 19 Oct. 1950

Approved by C.P.C. _____ Dated _____

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HIKARI OFFICE
HIROSHIMA FINANCE BUREAU
29 Oct. 1948

Text 4.C.

SUBJECT: RE CLEANING OF GEARBOX

TO: Commanding Officer,
Yamaguchi Military Government Team.
Yamaguchi City.

45-4
I.D.

Sir:

We have taken following steps with regard to cleaning of Gear Box in compliance with precautions by Mr. Radie, GHQ Engineer, at the time of inspections on the cleaning and preservation of reparation machinery in the Ex-Hikari Naval Arsenal.

1. All gear fittings will be disassembled and taken out of the gear box.

2. All lubricating oil and foreign matters removed by emersion and washing in kerosene and fresh lubricating oil applied to gears and fittings taken out and cleaned.
Special attention to be given towards the cleaning of corroded functioning surfaces, critically finished surface and plugged oil holes.

3. All preservative oils (previously applied) will be drained from gear boxes and dirty oil and foreign matters wiped out with waste. Then washed thoroughly with kerosene and upon completion , gears and fittings will again be reassembled.

4. After reassembly a test run will be made by hand, to ascertain the pitch of various parts. When no disorder can be ascertained, lubricating oil will be added and a test power run will be made, for a sufficient length of time and when thorough emulsion of all gears and fittings has been insured, the test run will be stopped, the oil drained, the box sealed and precautions will be made against intrusion of foreign matters and against corrosion.

5. This cleaning and preservation will be completed within three (3) months (estimate).

We make due report herewith.

Yours respectfully,

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

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

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
9 JAN. 1948	THE INVESTIGATION ON BREAKING S.P. MACHINE	HIKARI BRANCH, H.F.B. BASIC.
1 JUL. 1948	DESTRUCTION OF SPECIAL PURPOSE MACHINERY	Y.M.G.T. BASIC
5 OCT. 1948	REPORT OF ACCESSORIES TO DESTROYED S.P. MACHINES	YAMAGUCHI LOCAL OFFICE H.F.B. BASIC

1E

I.E.- DEMILITARIZATION CERTIFICATE AND DESTRUCTION OF S.P. MACHINERY.

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52.C.
S. Purpose

YAMAGUCHI LOCAL OFFICE
HIROSHIMA FINANCE BUREAU

45-4
I.E.

5, Oct. 1948

SUBJECT: Report of Accessories to Destroyed S. P. Machines

TO; Major F. C. Wiggins,
R. C. & I Officer
Yamaguchi Military Government Team

Sir;

We have the honor to submit to you the report of Accessories to Destroyed Special Purpose Machines.

We evaluated them on the Evaluation of Army and Navy Arsenal as these machines were worthy of reparations.

Ichiro Tsukamoto

Ichiro, TSUKAMOTO
Chief of Yamaguchi Local Office
of Hiroshima Finance Bureau

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

Code Numbers of Accessories to
Destroyed S.P. Machines

Code No.	Nomenclature	Capacity	Code No. of Former S.P. Machines	Nomenclature Former S. P. Machines	Remarks
45-4-4712	Induction Motor	AC, 11 Kw	45-4-2836	Special Boring Lathe	
4711	"	" "	"	"	
4713	"	" 3.7 Kw	"	"	
4714	"	" 2.2 Kw	"	"	
4717	"	" 30 HP	3258	Special Lathe	
4718	"	" "	3259	"	
4745	"	" 50HP	2836	Special Boring Lathe	
4746	"	" "	"	"	
4770	"	" 2.5Kw	1999	Multi-Cut Lathe	
4771	"	" 1 HP	"	"	
4772	"	" 1.3 Kw	2000	"	
4773	"	" "	2001	"	
4774	"	" 2.5 Kw	2004	"	
4775	"	" 1 HP	2002	"	
4776	"	" "	2004	"	
4777	"	" 1.3 Kw	2003	"	
4790	"	" 5 HP	341	Horizontal Shaft Drilling Machine	
4791	"	" "	"	"	
4792	"	" "	340	"	
4793	"	" 3 HP	"	"	
4794	"	" 7.5 HP	337	"	
4795	"	" "	"	"	
4796	"	" "	338	"	
4797	"	" "	"	"	
4798	"	" "	339	"	
4799	"	" "	"	"	
4831	"	" 2.2 Kw	225	Special Boring Lathe	
4832	"	" "	226	"	
4833	"	" "	227	"	
4834	"	" "	228	"	
4835	"	" "	229	"	
4836	"	" "	230	"	
4837	"	" "	231	"	
4838	"	" "	232	"	
4839	"	" "	233	"	
4840	"	" "	302	"	
4841	"	" "	303	"	
4842	"	" "	312	"	
4843	"	" "	313	"	
4844	"	" "	314	"	
4845	"	" "	315	"	
4846	"	" 3 HP	235	"	
4847	"	" 0.75Kw	"	"	
4848	" (oil pump attached)	" 0.25 HP	228	"	

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

Code No.	Nomenclature	Capacity	Code No. of Former S.P. Machines	Nomenclature Former S.P. Machines	Remarks
45-4-4849	Induction Motor (oil pump attached)	A.C. 0.25HP	45-4-230	Special Boring Lathe	
4850	"	" "	232	"	
4851	"	" "	234	"	
4852	"	" "	283	Special Lathe	
4853	"	" "	284	"	
4854	"	" "	285	"	
4855	"	" "	289	"	
4856	"	" "	229	Special Boring Lathe	
4857	"	" "	302	"	
4858	"	" "	303	"	
4859	"	" "	312	"	
4860	"	" "	313	"	
4866	Induction Motor	" 2.2 Kw	224	"	
4867	"	" 15 Kw	227	"	
4868	"	" "	228	"	
4869	"	" "	229	"	
4870	"	" "	230	"	
4871	"	" "	231	"	
4872	"	" 15 HP	232	"	
4873	"	" 20HP	233	"	
4874	"	" "	234	"	
4876	D.C. Motor	D.C. 10HP	258	Special Lathe	
4877	Induction Motor	A.C. 15HP	263	"	
4878	"	" "	264	"	
4879	"	" "	265	"	
4880	D.C. Motor	D.C. 10HP	266	"	
4881	"	" "	267	"	
4882	"	" "	268	"	
4883	"	" "	269	"	
4884	"	" "	282	"	
4885	Induction Motor	A.C. 15HP	285	"	
4886	"	" "	286	"	
4887	"	" "	287	"	
4888	"	" "	288	"	
4889	"	" "	289	"	
4890	"	" "	290	"	
4891	"	" "	302	Special Boring Lathe	
4892	"	" 20HP	303	"	
4893	"	" 15HP	307	Special Lathe	
4894	"	" "	312	Special Boring Lathe	
4895	"	" 20HP	313	"	
4896	"	" "	314	"	
4897	"	" "	315	"	
4381	"	" 40HP	235	"	

Total Machines.....88

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

52.C
S.P

FCW/dn

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

1 July 1948

45-4
I.E.

Serial No. 953-B

SUBJECT: Destruction of Special Purpose Machinery

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

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

1. Reference par 9 h, Operational Directive 21 for 1948, subject: "Japanese Industrial Reparations Facilities".

2. Attached herewith reports submitted by the Yamaguchi Prefectural Government covering destruction of one hundred and eleven Special Purpose machines located in Yamaguchi Prefecture.

3. All machines have been inspected and destruction has been completed.

EUGENE J. McNAMARA
Lt. Col., Infantry
SMGO

1 Incl:
As par 2.

45-4
I.E.

The investigation on breaking S.P. machine.

(Ex-Hikari Navel Arsenal.)

9th. Jan. 1948.

Hikari Branch Office. Hiroshima Finance Bureau.

1826

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

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

Investgation on S.P. machines.

Code number	Name of machine	Class	Formerly used
45-4 224 ✓	Special boring lathe	2	Boring the Torpedo air chamber
225 ✓	"	2	"
226 ✓	"	3	"
Δ 227 ✓	"	1	"
Δ 228 ✓	"	1	"
Δ 229 ✓	"	2	"
230 ✓	"	3	"
231 ✓	"	3	"
Δ 232 ✓	"	2	"
233 ✓	"	3	"
234 ✓	"	3	"
Δ 235 ✓	"	3	"
258 ✓	Special lathe	1	Cutting the Torpedo air chamber cap (external spherical surface)
262 ✓	"	3	"

Quantity of machine 108 (Including Δ marked machines which should be listed on as S.P. although not S.P. at present)

Code number	Name of machine	Class	Formerly used
45-4 263 ✓	Special lathe	3	Cutting the Torpedo air chamber cap (internal spherical surface)
264 ✓	"	3	(external " spherical surface)
265 ✓	"	3	(internal " spherical surface)
266 ✓	"	1	(external " spherical surface)
267 ✓	"	1	" (")
268 ✓	"	1	(internal " spherical surface)
269 ✓	"	1	" (")
282 ✓	"	3	(external " spherical surface)
283 ✓	"	3	(internal " spherical surface)
284 ✓	"	3	" (")
285 ✓	"	3	(external " spherical surface)
× 286	"	2	(internal " spherical surface)
287 ✓	"	1	(external " spherical surface)
288 ✓	"	3	" (")

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

Code number	Name of machine	Class	Formerly used
45-4 289	Special lathe	1	Cutting the Torpedo air chamber cap (external spherical surface)
× 290	Special boring lathe	1	Boring the Torpedo air chamber
△ 302	"	1	"
△ 303	"	2	"
307	Special lathe	1	Cutting the Torpedo air chamber cap (external spherical surface)
312	Special boring lathe	2	Boring the Torpedo air chamber
313	"	2	"
314	"	1	"
315	"	2	"
△ 337	Horizontal shaft drilling machine	1	Boring the Torpedo main shaft
△ 338	"	3	"
△ 339	"	1	"
△ 340	"	1	"
△ 341	"	2	"

Code number	Name of machine	Class	Formerly used
45-4 477	Horizontal drilling machine	1	Drilling the Torpedo shell
478	"	1	"
479	"	1	"
480	"	1	"
481	Special boring lathe	3	Boring the Torpedo air chamber
482	"	3	"
483	"	3	"
484	"	3	"
506	Torpedo cylinder lapping machine	3	Lapping the Torpedo cylinder
509	Special rivetting machine	2	Rivetting the Torpedo parts
1170	Rifling machine	3	Rifling the gun-barrel
1171	Horizontal twin boring lathe	3	Boring the gun-barrel
1172	"	3	"
1492	Special horizontal drilling machine	2	Boring the Torpedo main shaft

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

Code number	Name of machine	Class	Formerly used
45-4 1917	gravity tester	1	Testing the center of gravity of shell
1999	Multi cut lathe	2	Turning the shell
2000	"	2	"
2001	"	2	"
2002	"	2	"
2003	"	2	"
2004	"	2	"
2836	Special boring lathe	2	Boring the gun-barrel
2915	Face lathe	3	Cutting the cartridge case
3015	Special face lathe	3	Cutting the Torpedo air chamber cap (external spherical surface)
3159	Rifling machine	3	Rifling the gun-barrel
3160	"	3	"
3201	Special lathe	2	Cutting the cartridge case
3202	"	2	"

Code number	Name of machine	class	Formerly used
45-4 3203	Special lathe	3	Cutting the cartridge case
3204	"	2	"
3205	"	3	"
3206	"	2	"
3207	"	2	"
3208	"	2	"
3209	"	2	"
3210	"	2	"
3211	"	3	"
3212	"	2	"
3213	"	3	"
3214	"	3	"
3215	"	2	"
3216	"	3	"

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

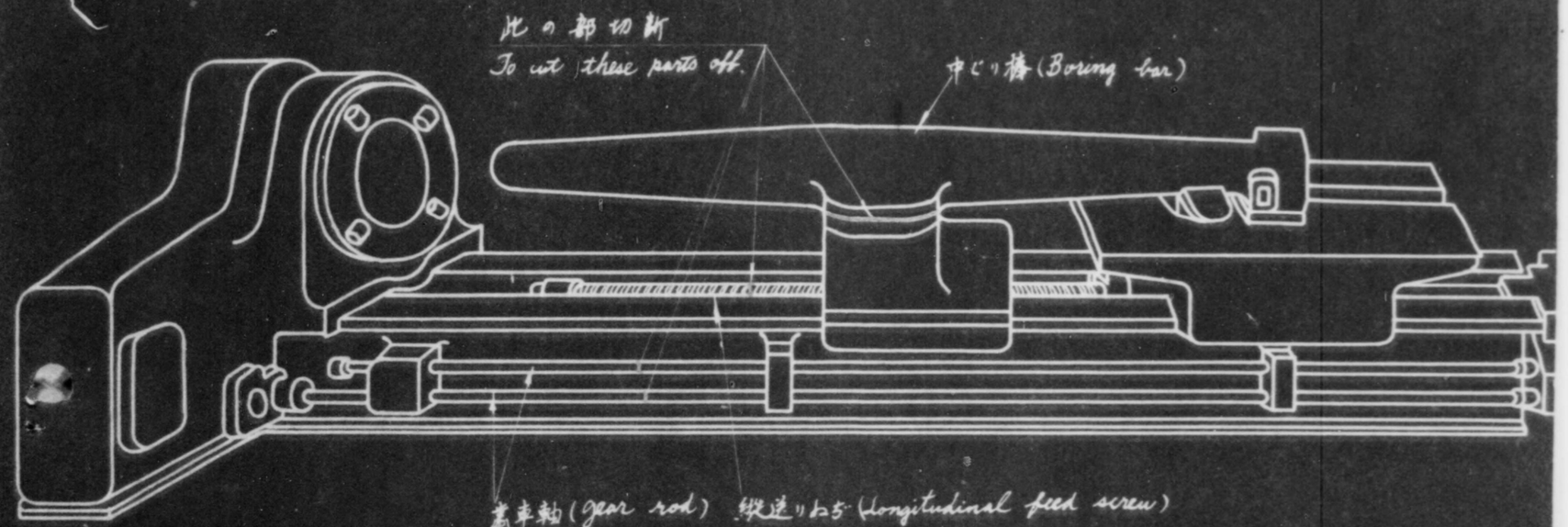
Code number	Name of machine	Class	Formerly used
45-4 3217	Special lathe	2	cutting the cartridge case
3222	"	2	"
3223	"	2	"
3224	"	3	"
3225	"	3	"
3226	"	3	"
3227	"	3	"
3228	"	2	"
3229	"	3	"
3230	"	3	"
3231	"	3	"
3232	"	3	"
3233	"	3	"
3234	"	3	"

Code number	Name of machine	Class	Formerly used
45-4 3235	Special lathe	2	cutting the cartridge case
3236	"	3	"
3237	"	3	"
3238	"	3	"
3239	"	3	"
3240	"	3	"
3241	"	3	"
3242	"	3	"
3258	"	3	Turning the shell
3259	"	3	"
2619	RIFLING MACHINE	3	RIFLING GUN BARRELS
3200	SPECIAL LATHE	2	CUTTING CARTRIDGE CASES.
		TOTAL	110

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

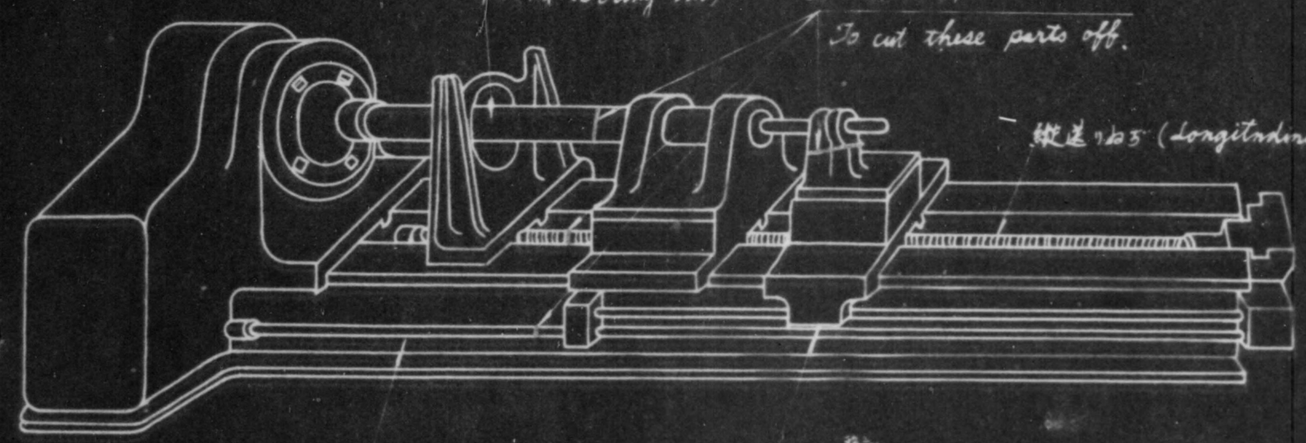
機械台数	14
登録番号	224～226. 230. 231. 233. 234. 290. 314. 315. 481～484.
機械名	特殊中ぐり旋盤
旧用途	魚雷空気室穿孔
記事	

Quantity of machine	14
Code number	224.-226. 230. 231. 233. 234. 290. 314. 315. 481～484.
Name of machine	Special boring lathe
Formerly used	Boring the Torpedo air chamber
Remarks	



機械台數	9	
登錄番号	△227. 228. 229. 232. 235. 302. 303.	312 313
機械名	特殊中グリ旋盤	
旧用途	魚雷空室鎖孔	
記事	△印はS.P.になってゐないがS.P.に登録すべきもの	

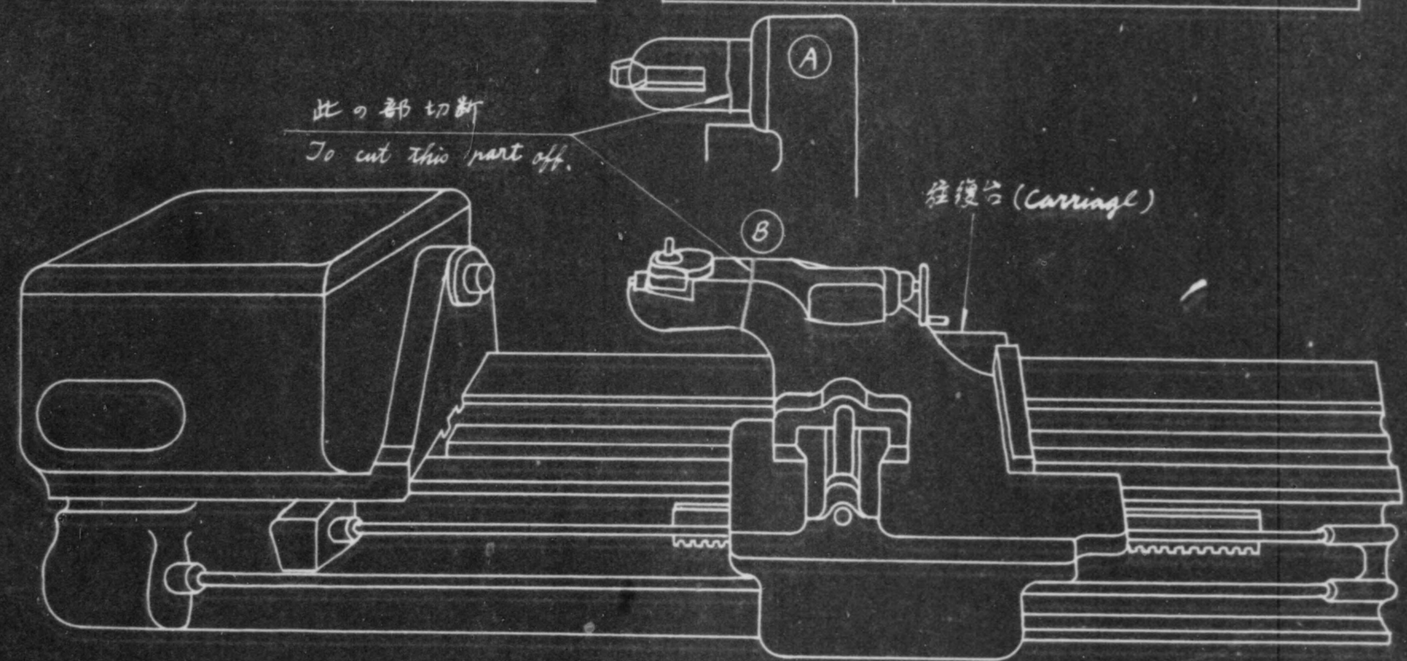
Quantity of machine	9	
Code number	227. 228. 229. 232. △235. 302. 303.	312 313
Name of machine	Special boring lathe	
Formerly used	Boring the Torpedo air chamber	
Remarks	△ marked machines should listed on as S.P. although not S.P. at present	



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG 30.
77 5013

機械台數	Ⓐ 5	Ⓑ 2。
登錄番号	Ⓐ 263. 265. 283. 284. 286.	Ⓑ 268 269
機械名	特殊旋盤	
旧用途	魚雷東室端巻切削(内部球面)	
記事		

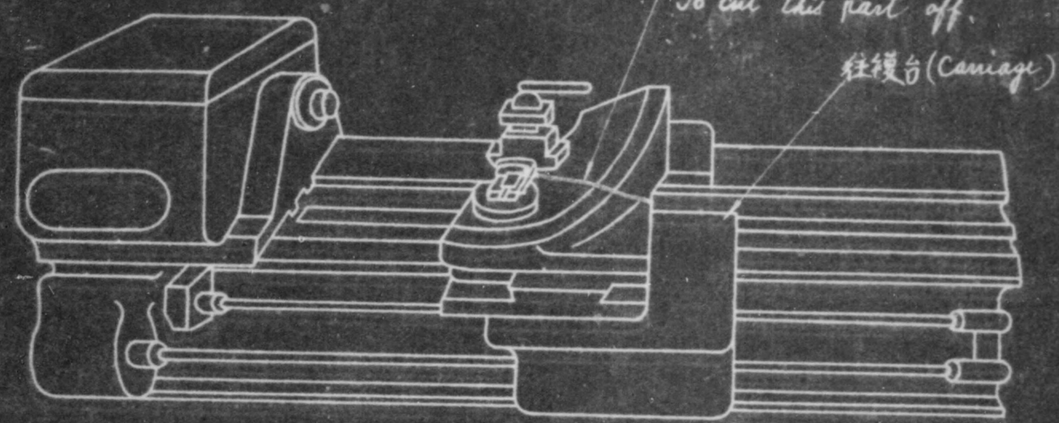
Quantity of machine	Ⓐ 5	Ⓑ 2
Code number	Ⓐ 263. 265. 283. 284. 286.	Ⓑ 268 269
Name of machine	Special Lathe	
Formerly used	cutting the Torpedo air chamber cap (internal spherical surface)	
Remarks		



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

機械台数	11	1
登録番号	258.262.264.266 267.282.285.289. 288.289.307.	3015
機械名	特殊旋盤	特殊正面旋盤
旧用途	魚雷気室端蓋切削(外部球面)	
記事		

Quantity of machine	11	1
Code number	258.262.264.266. 267.282.285.289. 288.289.307.	3015
Name of machine	Special lathe	Special face lathe
Formerly used	Cutting the Torpedo air chamber cap (external spherical surface)	
Remarks		

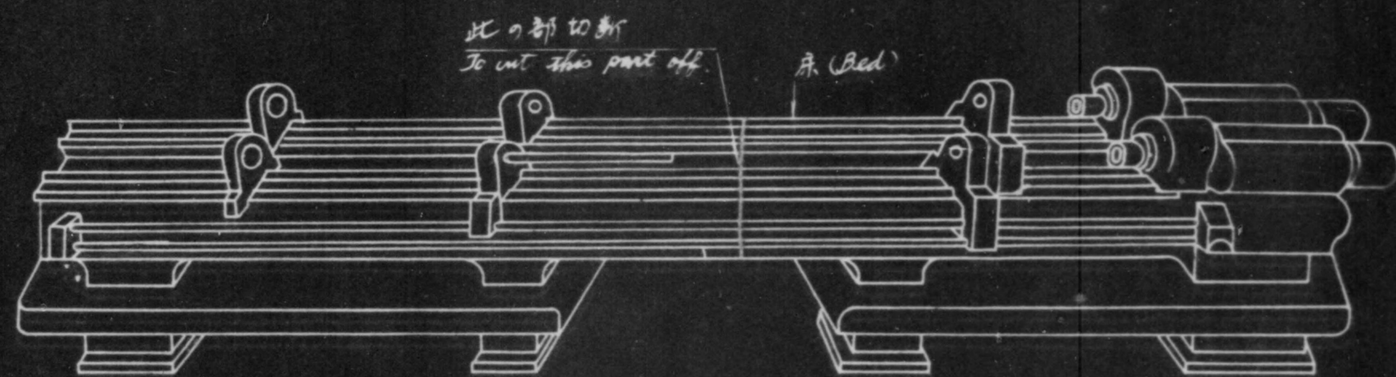


DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG 80 775013

機械台数	5	1
登録番号	337. 338. 339. △340. 341.	1492
機械名	横型二軸ボール盤	横型特殊ボール盤
旧用途	魚雷主軸鑽孔	
記事	△印はS.P.になつてるがS.P.に登録すべきもの	

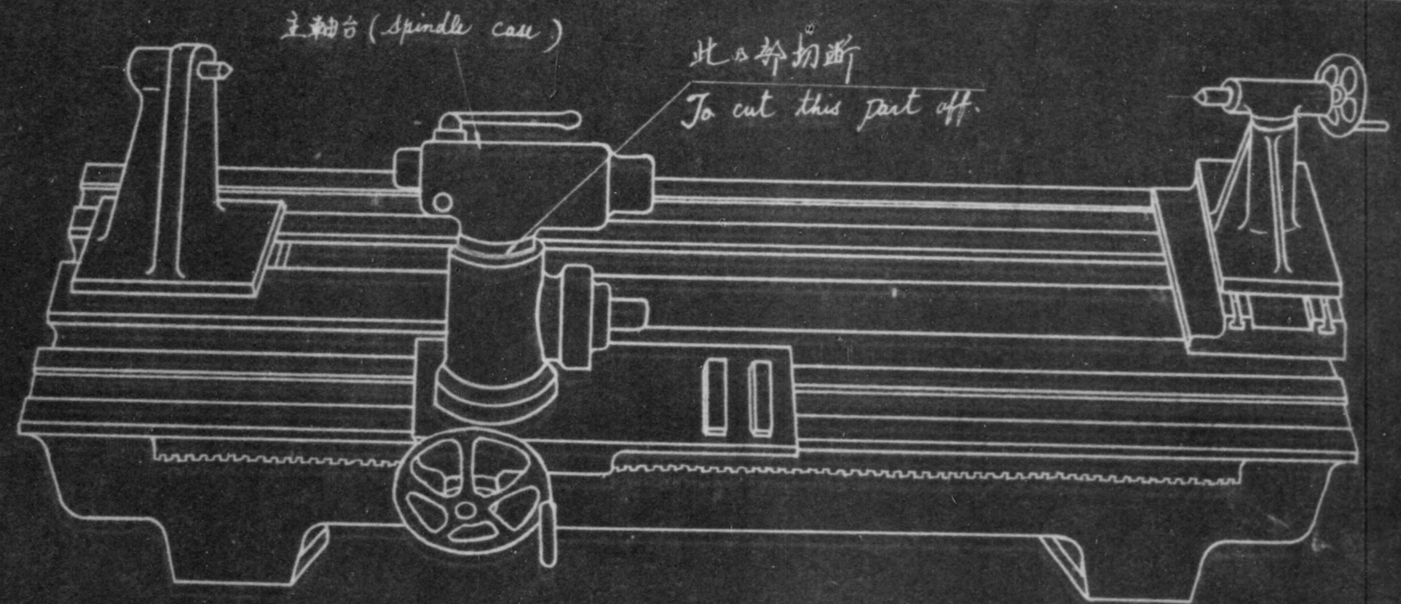
Quantity of machine	5	1
Code number	337. 338. 339. △340. 341.	1492
Name of machine	Horizontal shaft drilling machine	Special horizontal drilling machine
Formerly used	Boring the Torpedo main shaft	
Remarks	△ marked machines should be listed on as S.P. although not S.P. at present	



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

機械台数	4
登録番號	477.478.479.480
機械名	横型ボール盤
旧用途	魚雷外皮穿孔
記事	

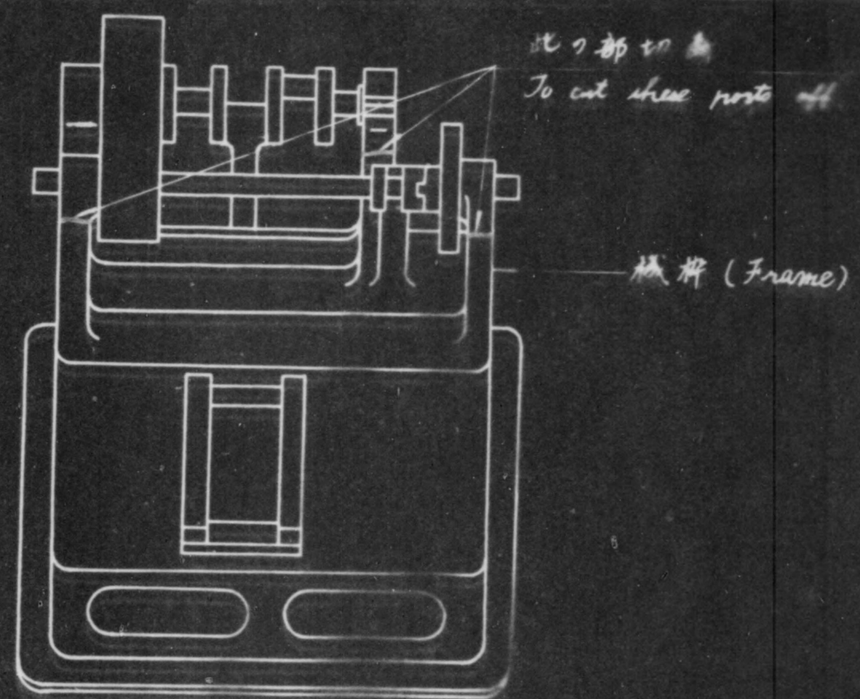
Quantity of machine	4
Code number	477.478.479.480
Name of machine	Horizontal drilling machine
Formerly used	Drilling the Torpedo shell.
Remarks	



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

機械台数	1
登録番号	506
機械名	魚雷発射管ラッピング盤
旧用途	魚雷発射管ラッピング
記事	

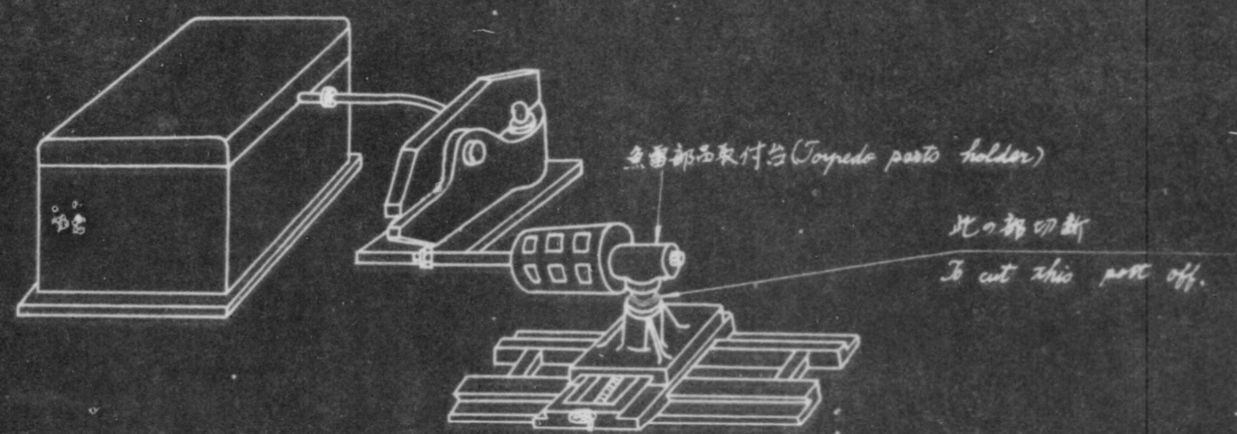
Quantity of machine	1
Code number	506
Name of machine	Torpedo cylinder lapping machine
Formerly used	Lapping the Torpedo cylinder
Remarks	



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

機械台數	1
登録番号	509
機械名	特殊鋲鋲機
旧用途	魚雷部品鋲鋲
記事	

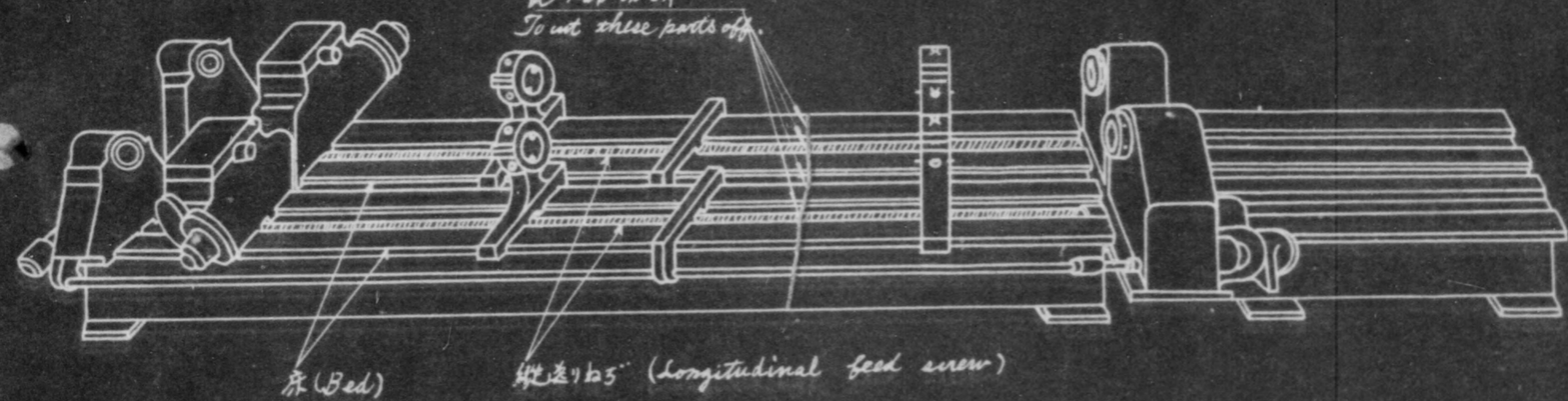
Quantity of machine	1
Code number	509
Name of machine	Special rivetting machine
Formerly used	Rivetting the Torpedo parts
Remarks	



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

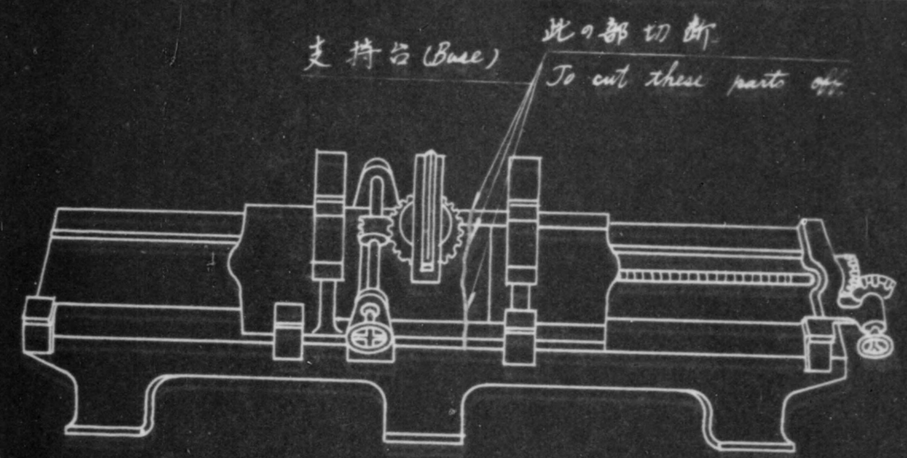
機械台数	2	1
登録番号	1171. 1172	2836
機械名	横型中ぐり旋盤	特殊中ぐり旋盤
旧用途	砲身鑽孔	
記事		

Quantity of machine	2	1
code number	1171. 1172	2836
Name of machine	Horizontal boring lathe	Special boring lathe
Formerly used	Boring the gun-barrel	
Remarks		



機械台数	1
登録番号	1917
機械名	重心器
旧用途	弾丸重心測定
記事	

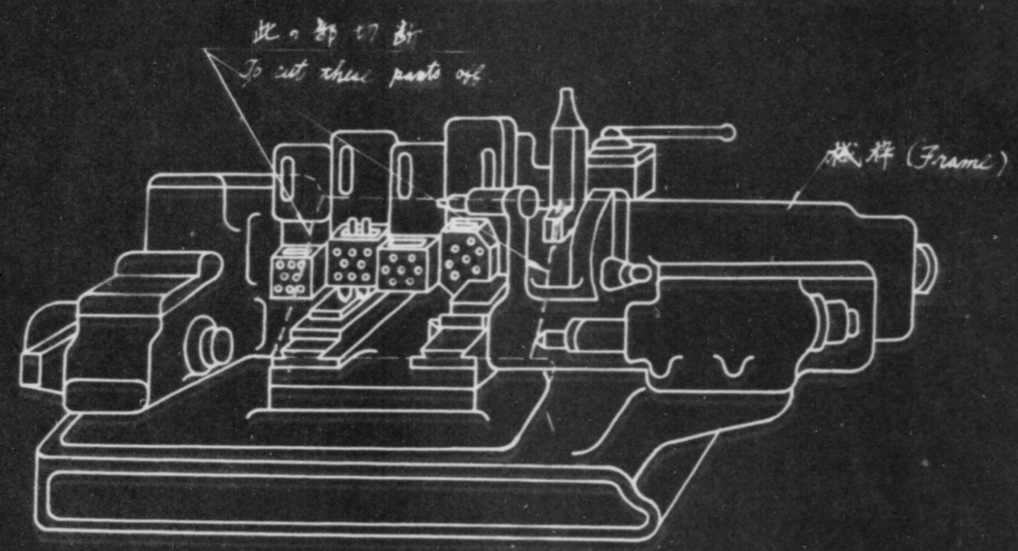
Quantity of machine	1
Code number	1917
Name of machine	gravity tester
Formerly used	Testing the center of gravity of shell
Remarks	



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

機械台数	3
登録番号	1999、2002、[illegible] 2004
機械名	多 又 旋 盤
旧用途	弾丸外部切削
記 事	

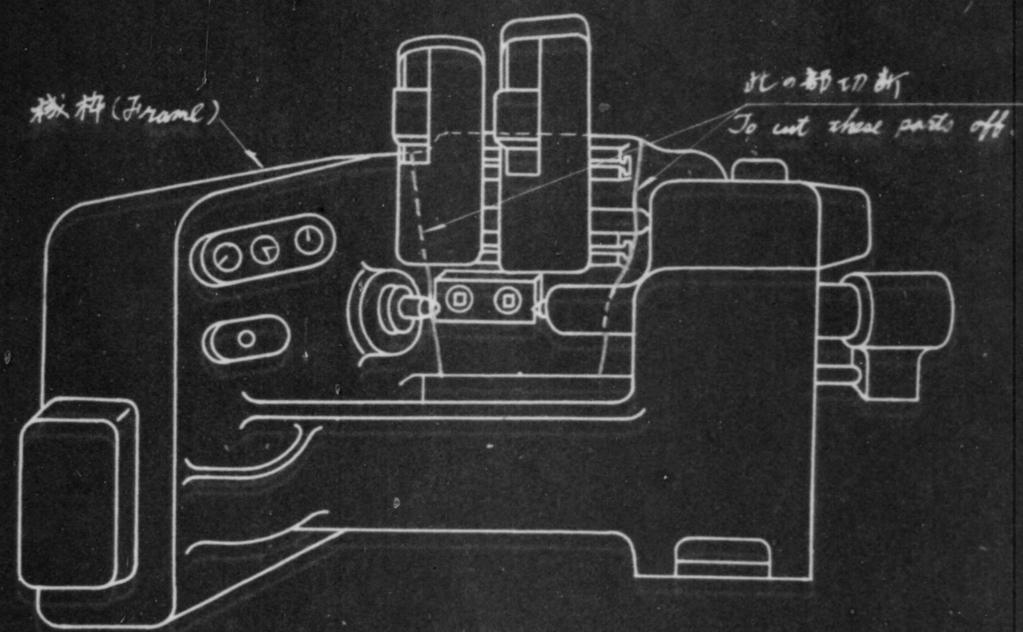
Quantity of machine	3
Code number	1999 2002 2004
Name of machine	Multi cut lathe
Formerly used	Turning the shell
Remarks	



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

機械台数	3
登録番号	2000, 2001, 2003.
機械名	多刃旋盤
旧目途	弾丸外部切削
記事	

Quantity of machine	3
Code number	2000, 2001, 2003
Name of machine	Multi cut lathe
Formerly used	Turning the shell
Remarks	

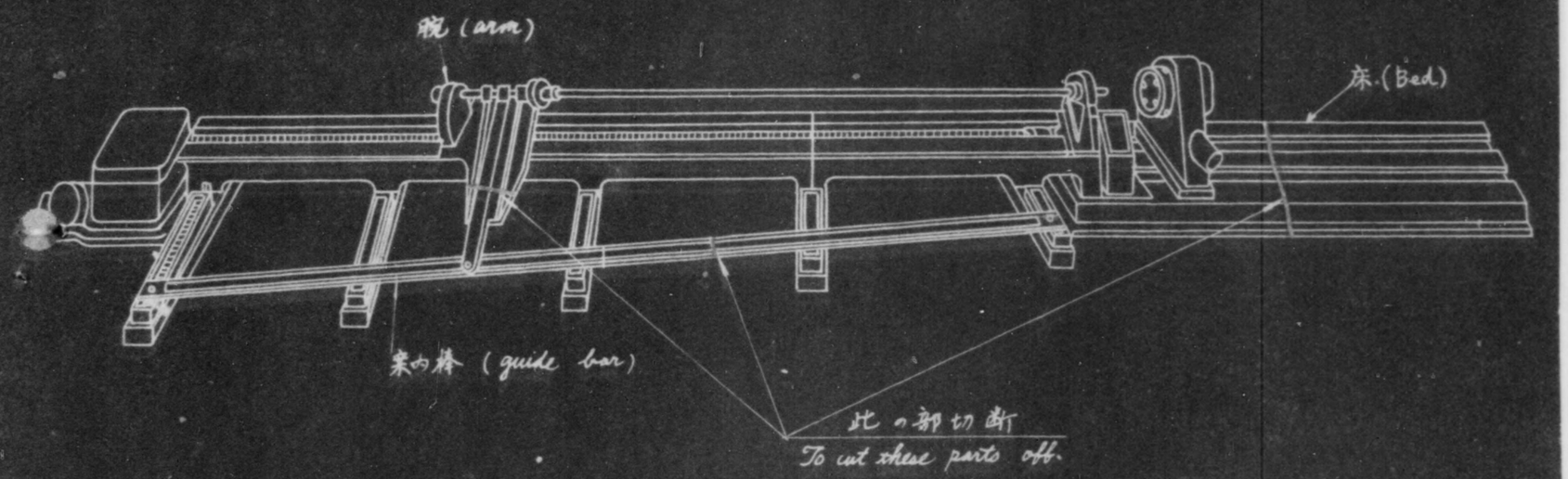


DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG 1 on 2 Dec 1980
77 5013

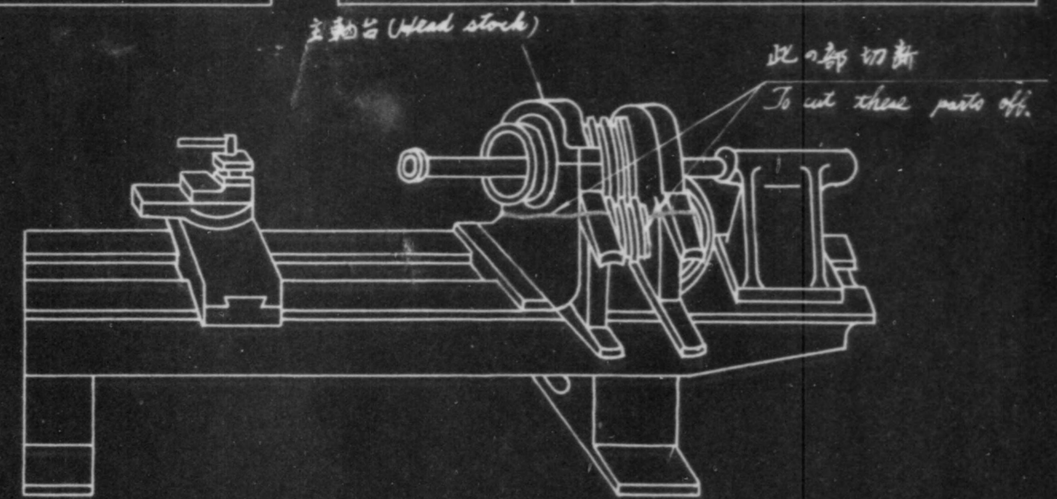
機械台數	3
登録番号	1170. 3159. 3160. 2619
機械名	施條盤
旧用途	砲身施條
記事	

Quantity of machine	3
Code number	1170. 3159. 3160. 2619
Name of machine	Rifling machine
Formerly used	Rifling the gun-barrel
Remarks	



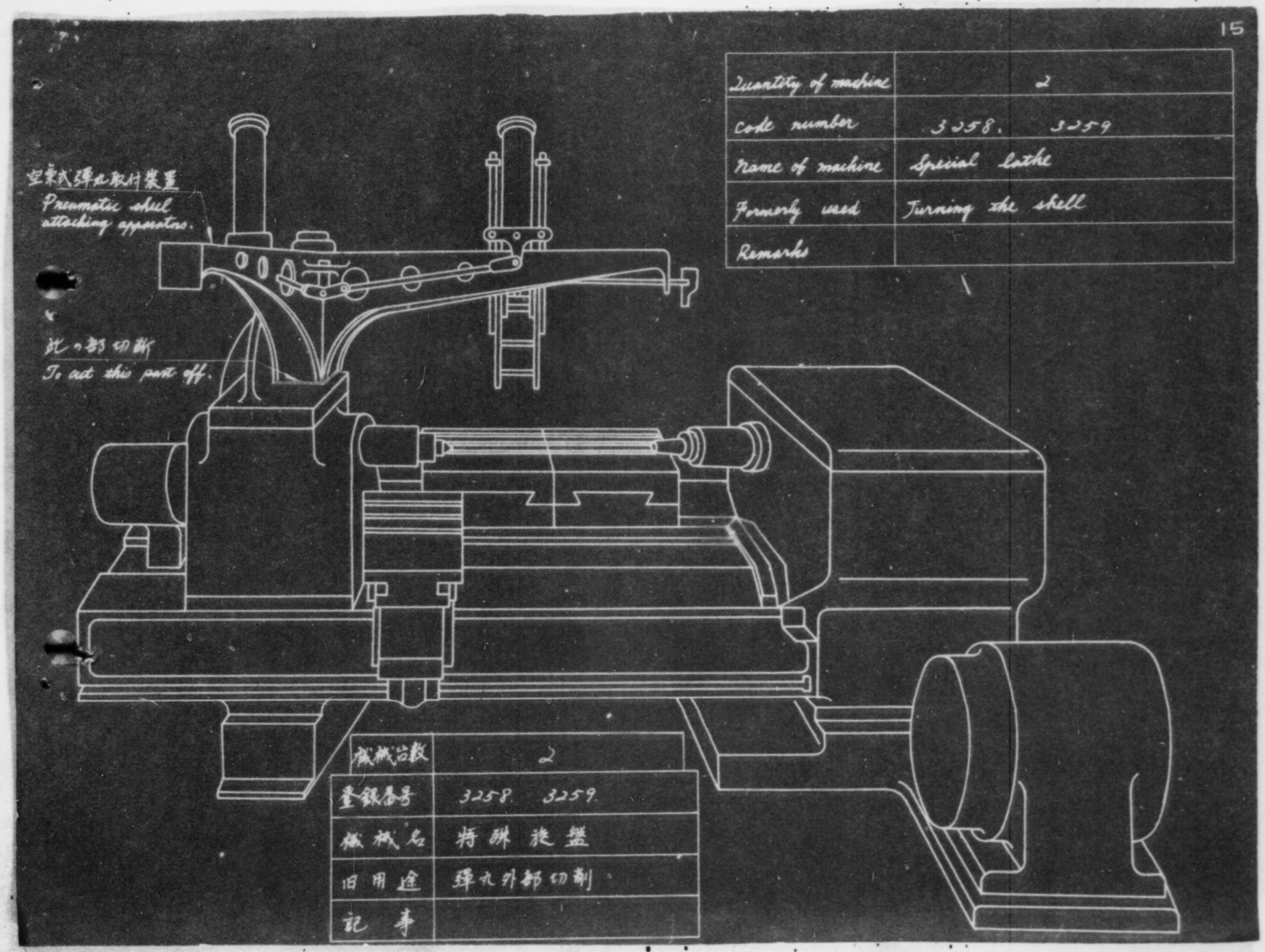
機械台数	1	38
登録番号	2915	3201～3217 3222～3242
機械名	正面旋盤	特殊旋盤
旧用途	薬莢切削	
記事		

Quantity of machine	1	38
Code number	2915	3201～3217 3222～3242
Name of machine	Face lathe	Special lathe
Formerly used	Cutting the cartridge case	
Remarks		



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

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



Quantity of machine	2
Code number	3258. 3259
Name of machine	Special lathe
Formerly used	Turning the shell
Remarks	

機械台数	2
登録番号	3258. 3259.
機械名	特殊旋盤
旧用途	弾丸外部切削
記事	

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

DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
29 SEP. 1947	LIST OF REPARATIONS ITEMS RECEIVED	G.H.Q, T.I.D.
25 Feb. 48	Shipment of Measuring and Testing Equipment from Arsenals	CMGR - 5th Ind

I.F.- T.I.D. RECEIPTS.

IF

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

COPY

Yamaguchi Reparation file

BASIC: Ltr Hq 8th Army, APO 343, AG 386.3 (MG-Em), Subj: "Shipment of Measuring and Testing Equipment from Arsenals", dtd 16 Jan 1948.

AG 386.3 (MG-Em) 4th Ind 20 FEB 1948

Headquaters Eighth Army, APO 343

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

1. Reference is paragraph 3, letter this headquarters, AG 004 (MG-Em) subject, "Inventory and Evaluation of Aircraft Plants, Army and Navy Arsenals and Munitions Plants", dated 14 February 1948.

2. The five (5) reparations items listed in 3rd indorsement will not be shipped.

BY COMMAND OF LIEUTENANT GERNERAL EICHELBERGER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

1 Incl
n/c

45-46
Rec 11 F

CMGR 386.3 (D-No) 5th Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 25 February 1948

TO: Commanding Officer, Yamaguchi Military Government Team, APO 317

Your attention is invited to 4th indorsement.

BY ORDER OF COLONEL SNYDER:

JERRY W. TOM
1st Lt, USAF
Adjutant

1 Incl:
n/c

55

(2)

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

COPY

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AG 386.3 (MG-Em) 16 Jan 1948

SUBJECT: Shipment of Measuring and Testing Equipment from Arsenals

TO : Commanding Officer
Chugoku Military Government Region
APO 317

1. Inclosed herewith are lists of code numbers, compiled by the Research and Statistics Branch of ESS/IN, Supreme Commander for the Allied Powers, of laboratory equipment qualified for shipment to the Technical Intelligence Detachment, Supreme Commander for the Allied Powers, in accordance with the provisions of paragraphs 14a and 14c, Operational Directive 5/10, 29 July 1947. This equipment has not been received by the Technical Intelligence Detachment.

2. Items shipped or to be shipped will be indicated on the inclosed list with date of shipment. If item does not qualify for shipment, reason will be indicated.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt Col, AGD
Asst Adjutant General

2 Inclsoures (duplicate)
1. List of Code Nos. (Hiroshima)
2. " " " " (Yamaguchi)

1490

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COPY

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

Measuring and Testing Equipment in Arsenals

Yamaguchi Prefecture

Code No.	Item	Class	Weight	Remarks
45-4-388	Tension Testing Machine	3	900 kgs	Gauge, graduated plate, recorder arm, and recorder damaged
45-4-1877	Circular Graduator	3	2,500 kgs	Short of parts. Graduating parts damaged.
45-4-1878	Liner Graduator	3	500 kgs	Graduating parts damaged.
45-4-1929	Liner Graduator	3	1,000 kgs	Motor and main graduating spindle missing.
45-7-154	Universal Testing machine	2	600 kgs	Minor repairs necessary

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

Yamaguchi Reparation File

COPY

BASIC: Ltr Hq 8th Army, APO 343, AG 386.3 (MG-Em), Subj: "Shipment of Measuring and Testing Equipment from Arsenals", dtd 16 Jan 1948

2nd Ind FCW/hh

Hq Yamaguchi Military Government Team, APO 317, 30 January 1948

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

1. Items 45-7-173 and 45-7-272 will be shipped to Technical Intelligence Detachment on 3 February 1948.

2. Attached herewith are details of the remaining five (5) items, which are heavy machines and are in bad condition. Request confirmation that Technical Intelligence Detachment require these items.

/s/ Alfred P. Robertson
/t/ ALFRED P. ROBERTSON
Major, Infantry
SMGO

1 Incl:
as par 2.

CMGR 386.3 (D-No) 3rd

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu
6 February 1948

TO: Commanding General, Eighth Army, APO 343

Request disposition of five (5) items which are heavy machines and are in bad condition as indicated in par 2 of 2nd indorsement.

1 Incl:
n/c

RUSSELL C. SNYDER
Colonel, FA
Commanding

52

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

COPY

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AG 386.3 (MG*Em) 16 Jan 1948

SUBJECT: Shipment of Measuring and Testing Equipment from Arsenals

TO: Commanding Officer
Chugoku Military Government Region
APO 317

1. Inclosed herewith are lists of code numbers, compiled by the Research and Statistics Branch of ESS/IN, Supreme Commander for the Allied Powers, of laboratory equipment qualified for shipment to the Technical Intelligence Detachment, Supreme Commander for the Allied Powers, in accordance with the provisions of paragraphs 14a and 14c, Operational Directive 5/10, 29 July 1947. This equipment has not been received by the Technical Intelligence Detachment.

2. Items shipped or to be shipped will be indicated on the inclosed list with date of shipment. If item does not qualify for shipment, reason will be indicated.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt Co, AGD
Asst Adjutant General

2 Inclosures (duplicate)
1. List of Code Nos. (Hiroshima)
2. " " " " (Yamaguchi)

1490

COPY

52

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

COPY

BASIC: Ltr Hq 8th Army, APO 343, AG 386.3 (MG-Em), Subj: "Shipment of Measuring and Testing Equipment from Arsenals", dtd 16 Jan 1948

CMGR 386.3 (D-No) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317
Kure, Honshu, 22 January 1948

TO: Commanding Officer, Yamaguchi Mil Govt Team, APO 317
Commanding Officer, Hiroshima Mil Govt Team, APO 317

Forwarded for compliance with par 2 of basic letter.

BY ORDER OF COLONEL SNYDER:

/s/ Jerry W. Tom
/t/ JERRY W. TOM
1st Lt, USAF
Adjutant

Incl:
n/c

COPY

52

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

Measuring and Testing Equipment in Arsenals

Yamaguchi Prefecture

Code No.	Item	Class	Weight	Remarks
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45-7-154	Universal Testing machine	2	600 kgs	Minor repairs necessary

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

COPY

YAMAGUCHI PREFECTURE

45-4 - 1877
1878
1929

45-4 - 388

45-7 - 154
173
272

COPY

52

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

File
/4C

GENERAL HEADQUARTERS
FAR EAST COMMAND
MILITARY INTELLIGENCE SECTION
TECHNICAL INTELLIGENCE DETACHMENT

45-4
I.F.

APO 500
29 Sept. '47

SUBJECT: List of Reparations Items Received

TO : Headquarters, Yamaguchi Military Government Team
APO 717

1. Attached find list of reparations items received at the GHQ Technical Intelligence Detachment, 1st Tokyo Arsenal, Tokyo Japan, from the Hikari Naval Arsenal, Hikari City, Yamaguchi Pref., Plant No. 45-4.

2. This list is forwarded for your information and file.

STUART C WILLIAMS
Maj FA
Commanding

Incl: List of Reparation Items in duplicate.

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

REPARATIONS WAREHOUSE SECTION
TID, G-2, GHQ
APO 500

29 Sept. '47

The following Reparations items have been received from the Hikari Naval Arsenal, Hikari City, Plant No. 45-4, as indicated:

No.	Name of Equipment	Quantity
1.	Gauge Blocks	5
2.	Micrometers, Caliper	8
3.	Micrometers, Inside	7
	TOTAL	20

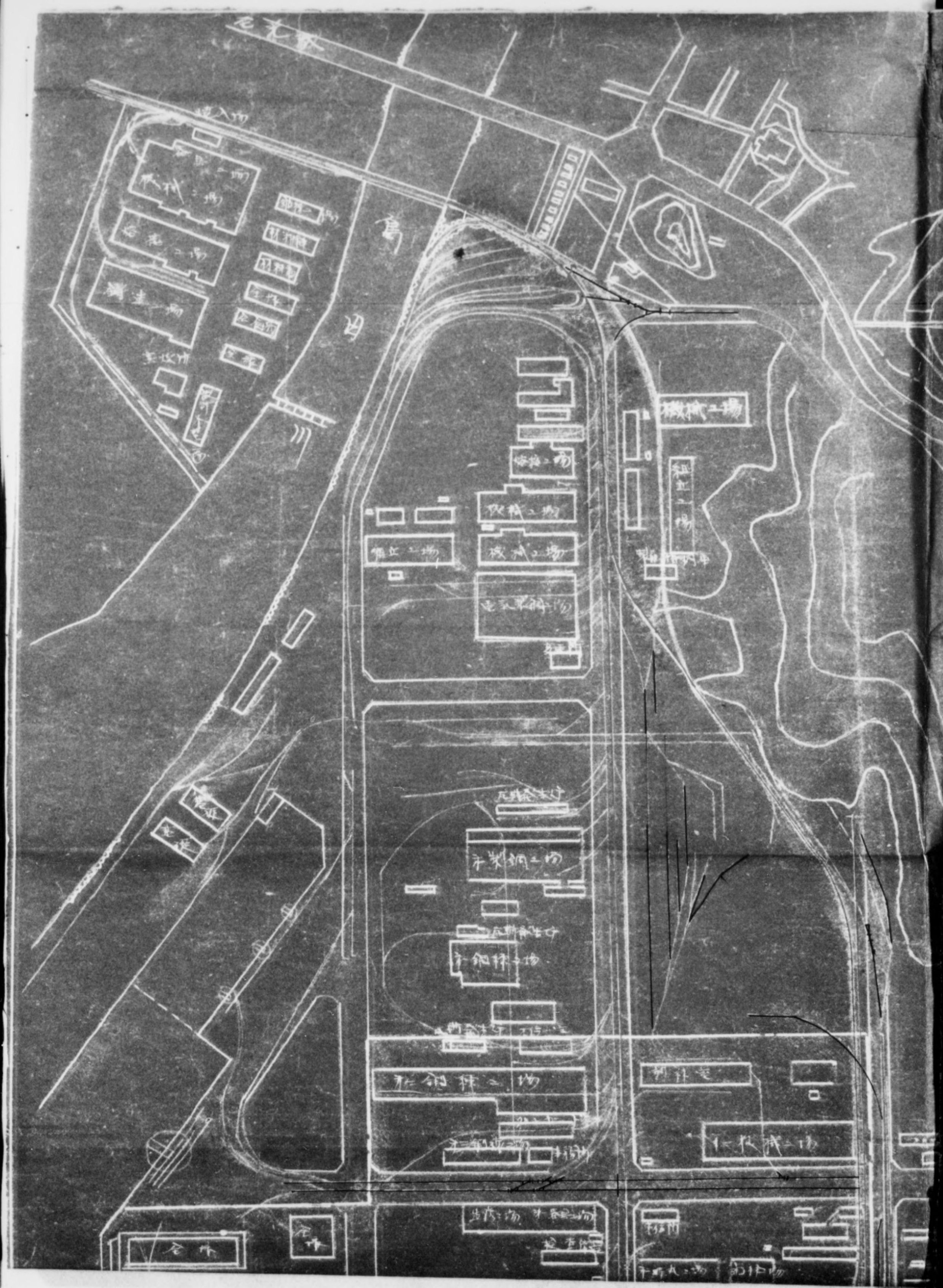
.....LAST ITEM.....

TOTAL 1 PAGE

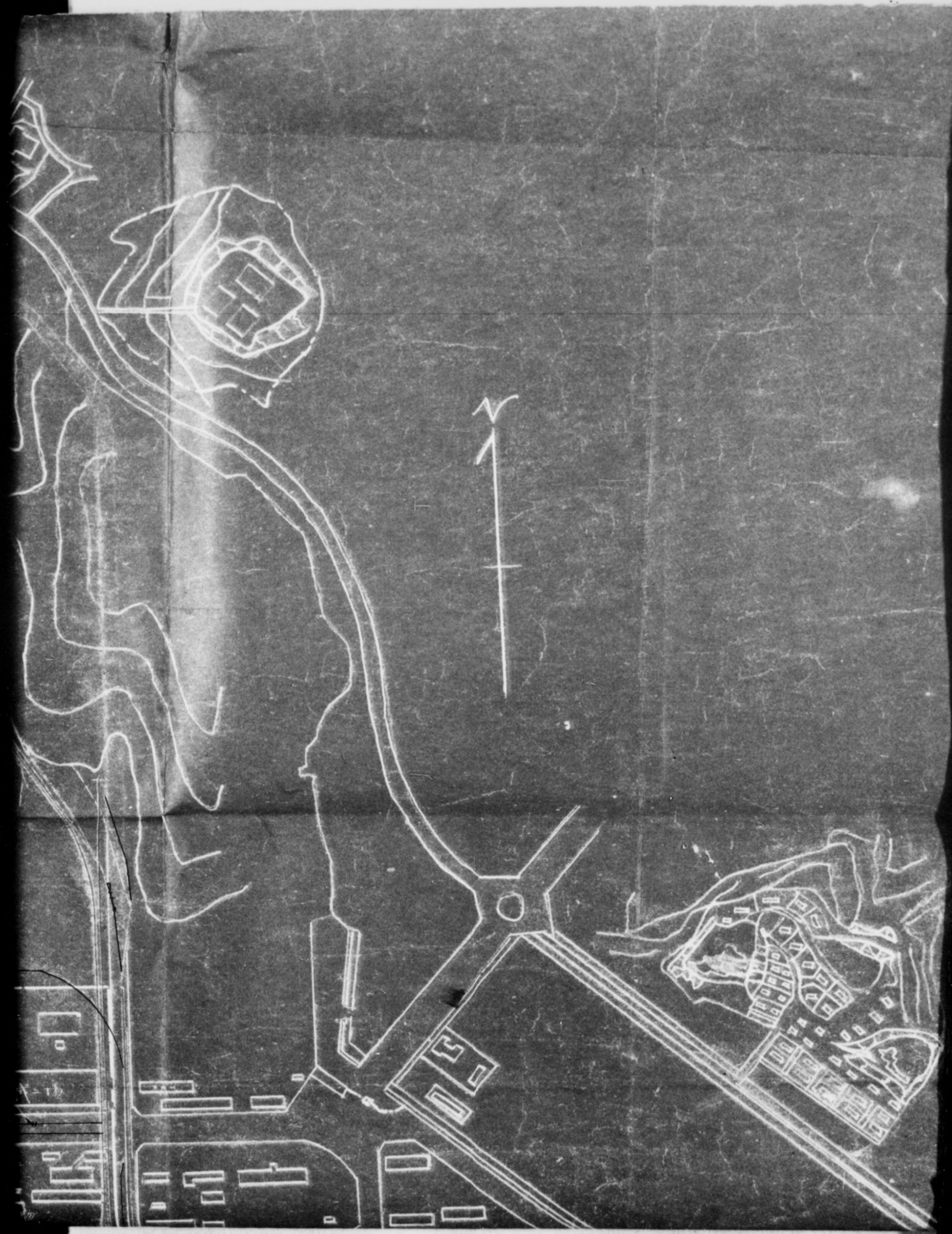
Toru M. Okawachi

TORU M OKAWACHI
1st Lt Inf
Warehouse Officer

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



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



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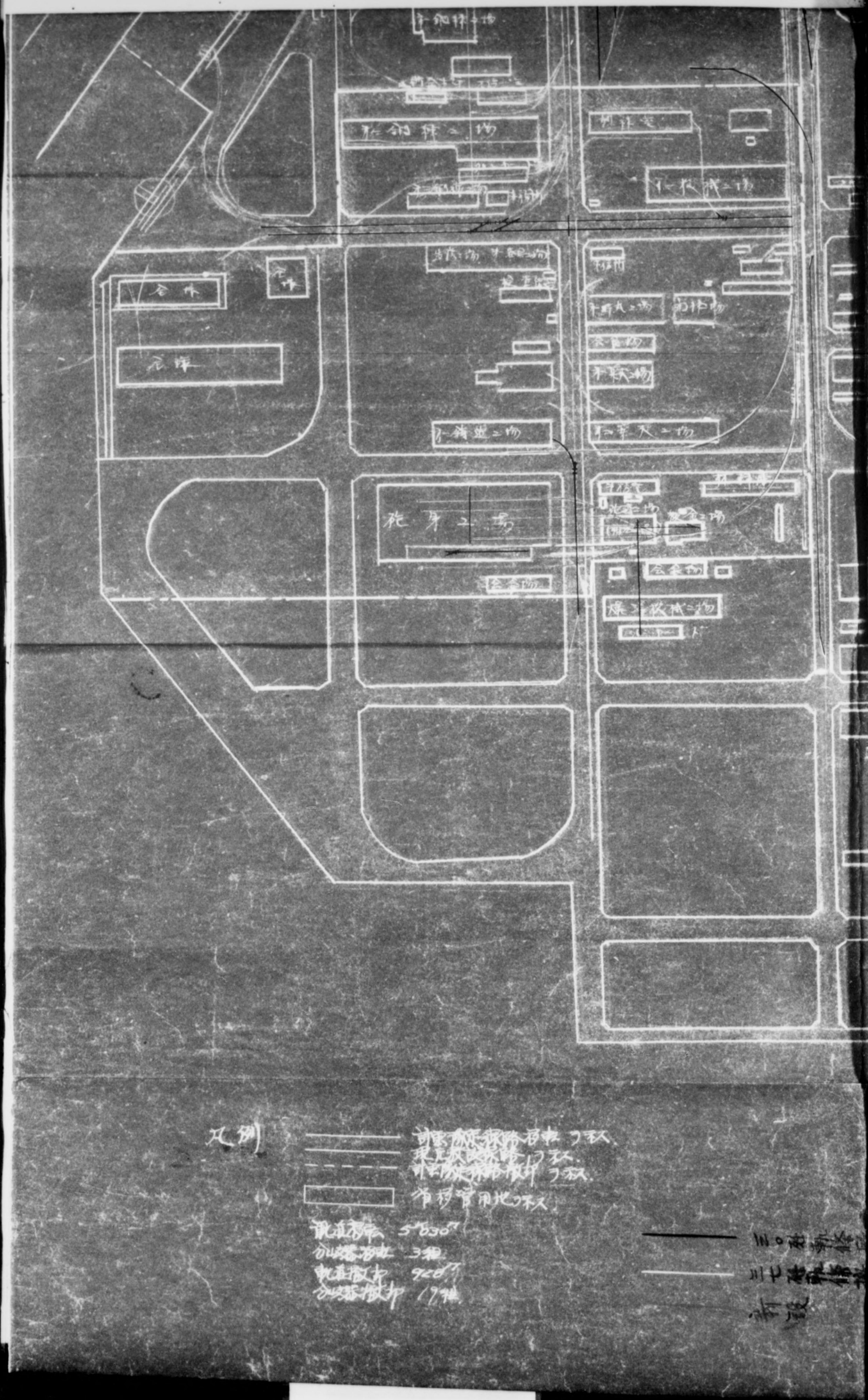

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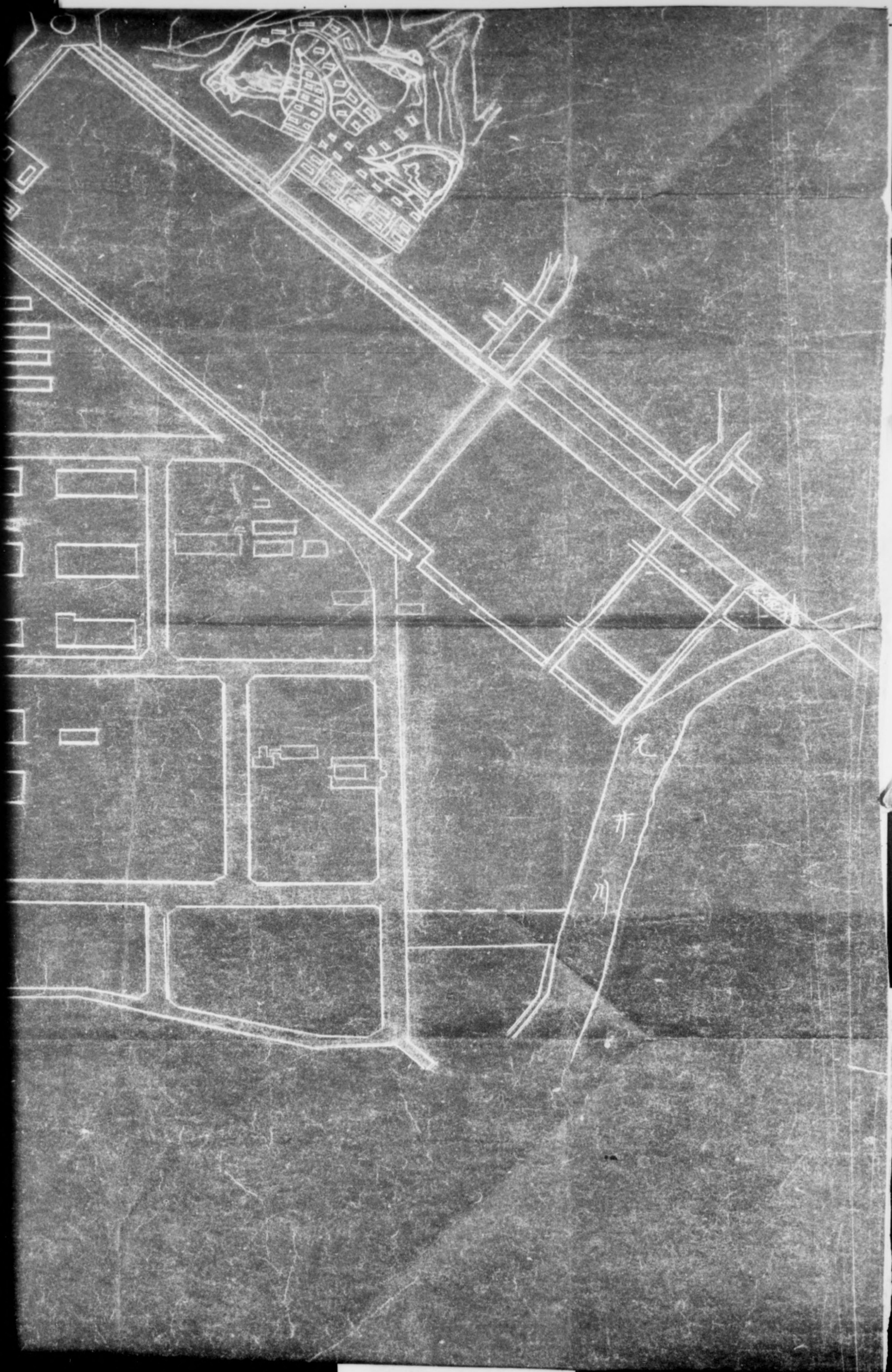

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPPING AND RECEIVING SECTION
~~525th TECHNICAL INTELLIGENCE COMPANY~~
TECHNICAL INTELLIGENCE DETACHMENT
APO 500

DATE ~~29 Sept 47~~ TIME ~~1358~~

Receipt of Reparations Items

Received ~~One (1)~~ truck-load(s) of Technical and Laboratory Reparations Equipment from _____

~~HIKARI NAVAL ARSENAL~~

Location ~~HIKARI CITY, YAMAGUCHI PREF.~~

Plant No. ~~454~~

Detailed report of contents of three (3) cases received will be forwarded through channels at a later date.

TMO

Toru M. Okawachi
TORU M OKAWACHI
~~2nd~~ 1st Lt Inf

~~Transportation Company~~