

775 013

GHQ/SCAP Records (RG 331, National Archives and Records Service)  
Description of contents

- (1) Box no. 2904
- (2) Folder title/number: (16)  
No Title

(3) Date: May 1946 - Oct. 1947

(4) Subject:

Classification	Type of record
9230, 9621	a, c, r

(5) Item description and comment:  
Hyogo

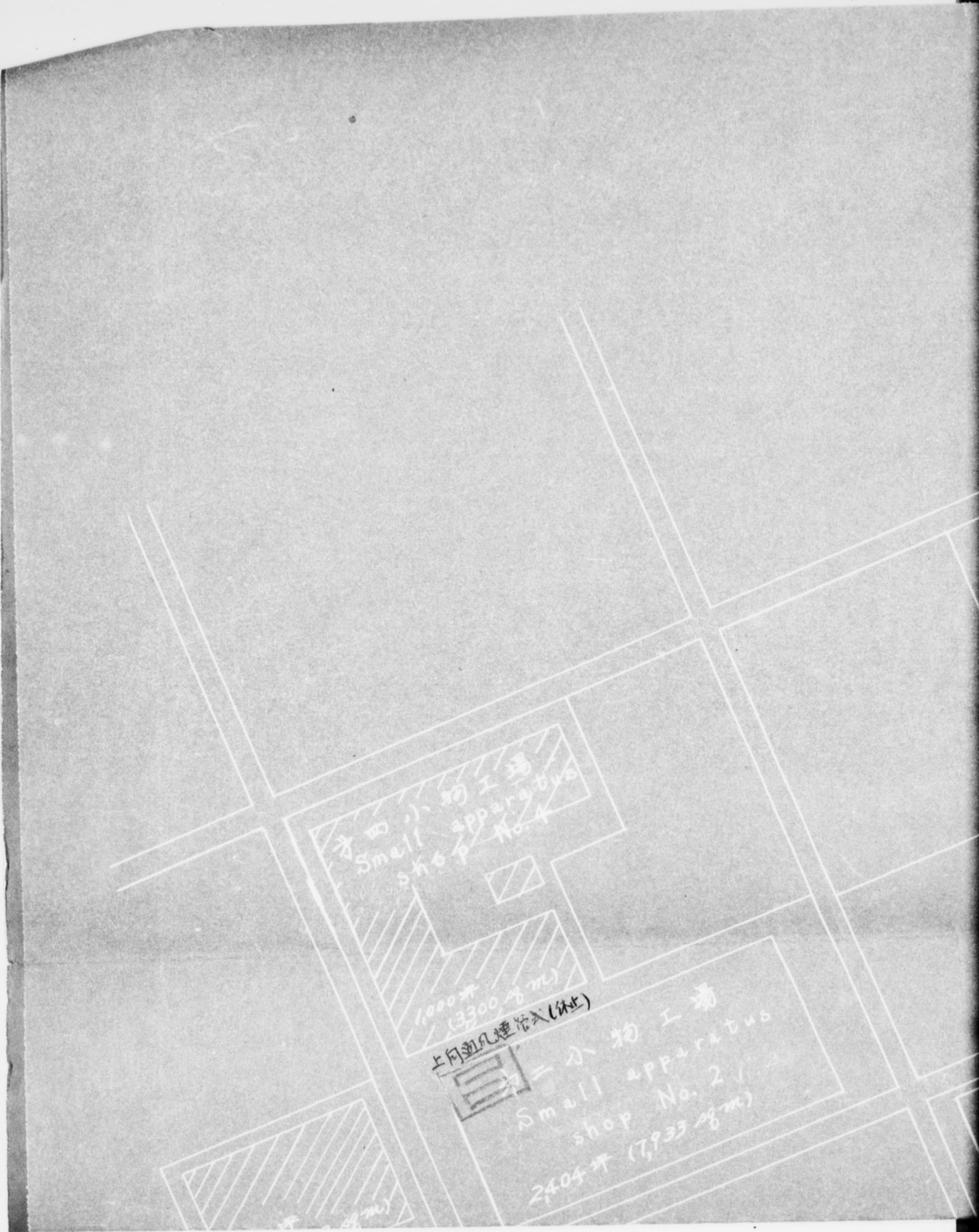
(6) Reproduction:  Yes  No

(7) Film no.

Sheet no.

(Compiled by National Diet Library)

773 013



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# 三菱電機株式会社 神戸製作所

所在地: Location

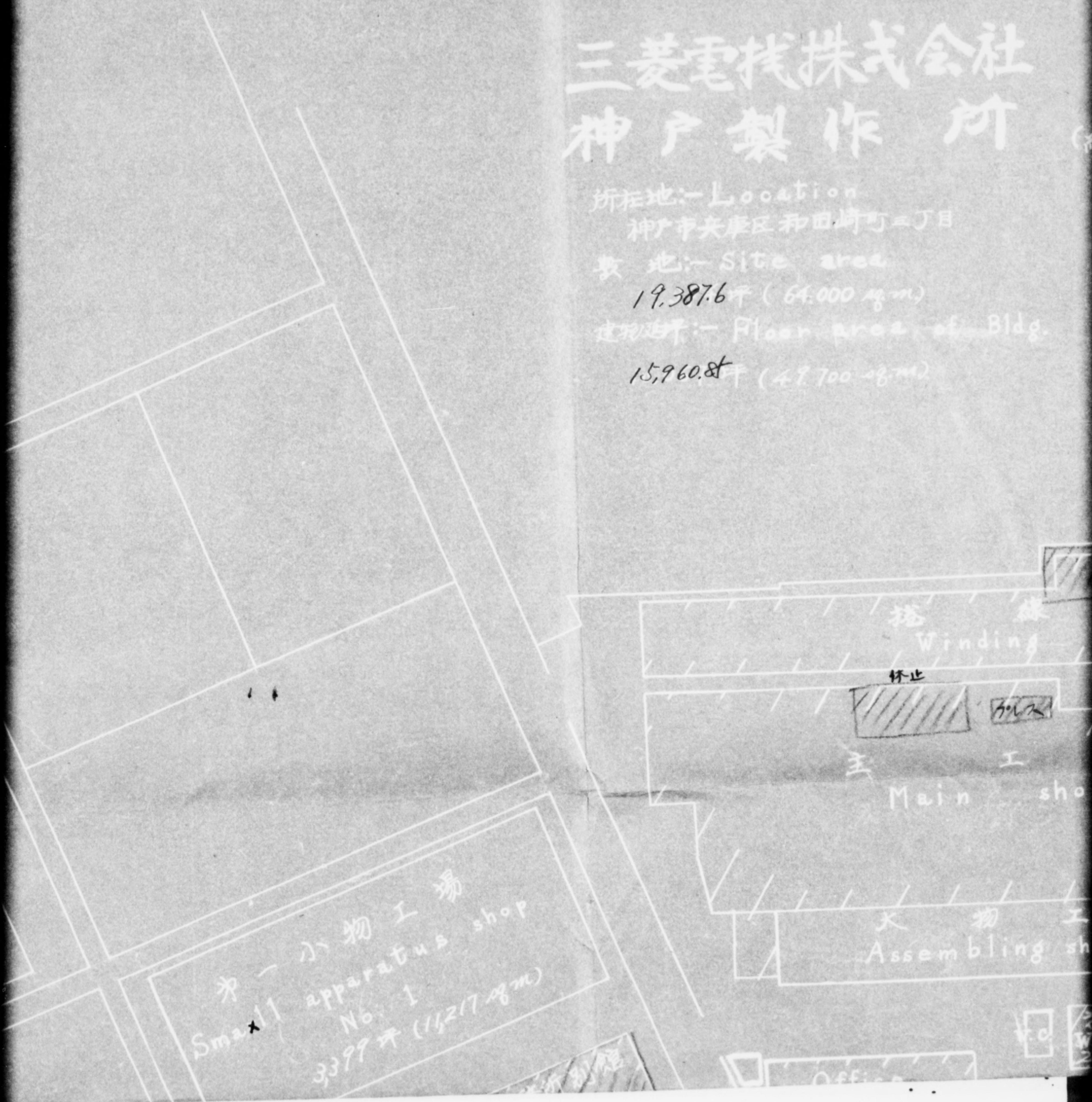
神戸市兵庫区和田崎町三丁目

敷地: Site area

19,387.6 坪 (64,000 sq.m)

建物延床: Floor area of Bldg.

15,960.8 坪 (49,700 sq.m)



小物工場  
Small apparatus shop  
No. 1  
3,399 坪 (11,217 sq.m)

捲線  
Winding  
停止  
主工場  
Main shop

大物工場  
Assembling sh

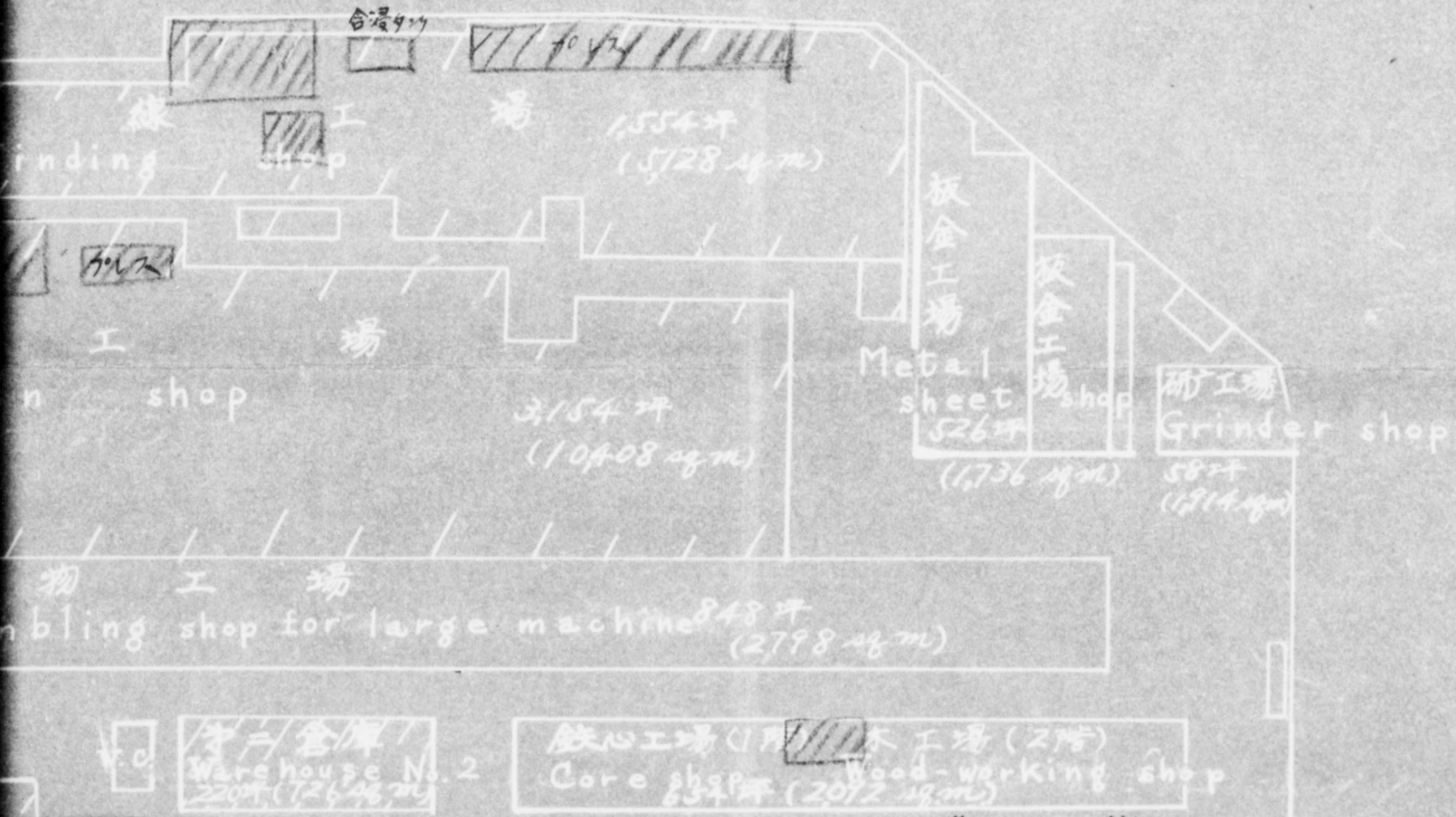
Office

# 会社 所

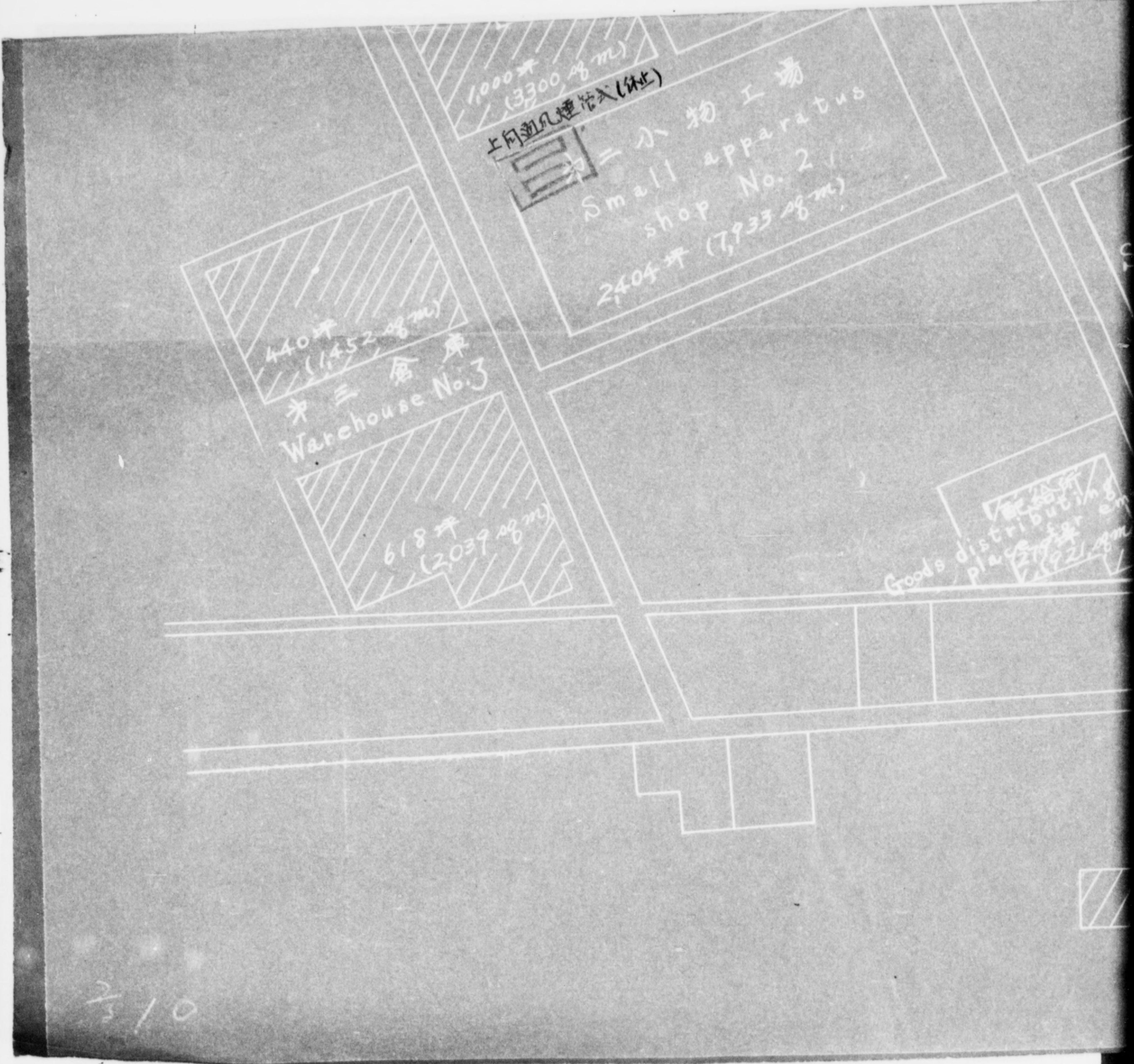
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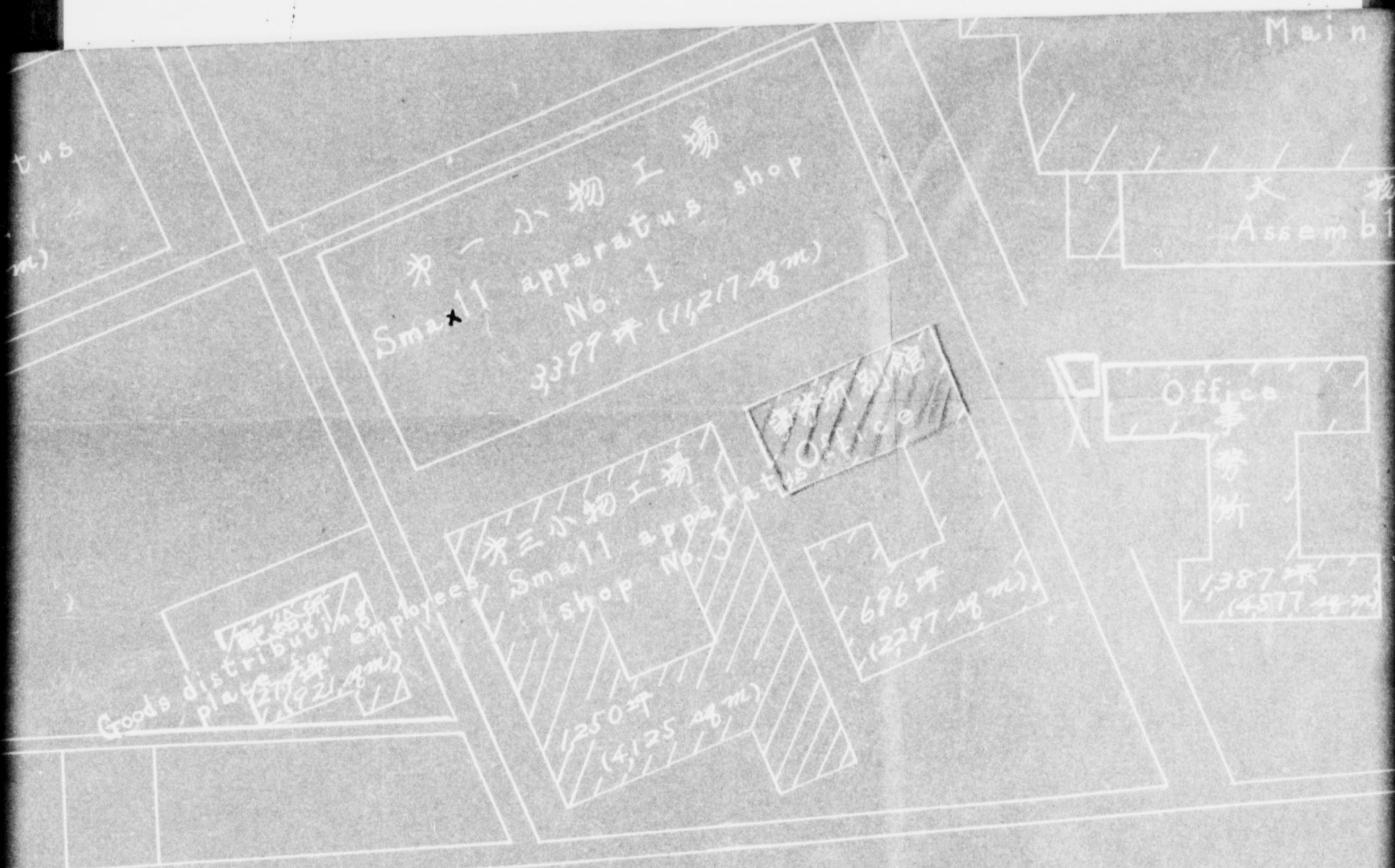
of Bldg.



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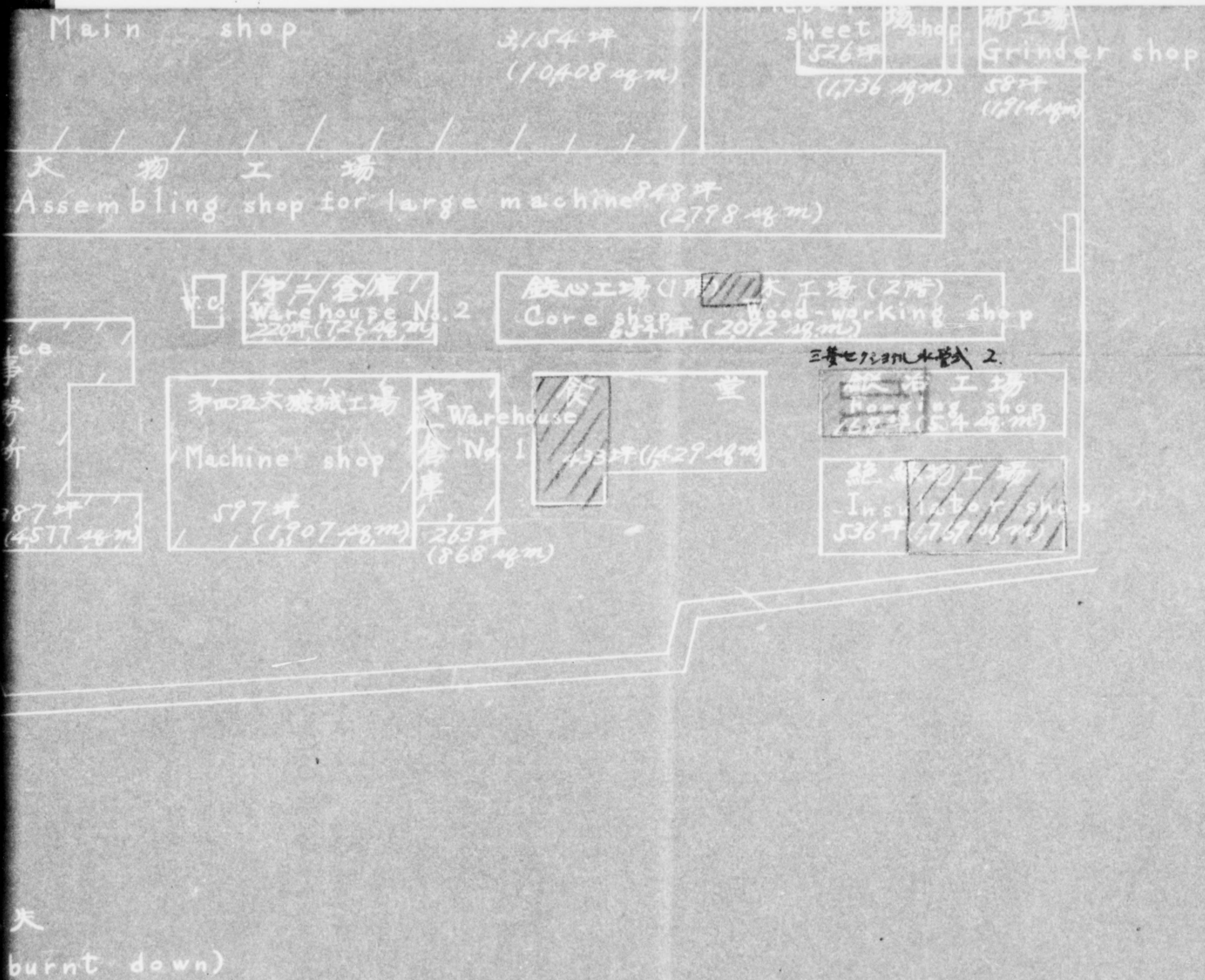


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 全 燒 (Burnt down)
  一部燒失 (Partly burnt down)

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FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 248 - 47

DATE 13 Oct 47

412.3

SUBJECT: ~~XXXXXXXXXX~~ Movement of Machinery.

TO : Oji Seiki Kogyo K.K.  
1-5, 2-Chome, Ohashi-cho, Nagata-ku, Kobe.

1. Permission (is) (~~XXXXXX~~) granted to move machinery owned  
by Oji Seiki Kogyo K.K.  
1-5, 2-Chome, Ohashi-cho, Nagata-ku, Kobe.

From: Okada Seisakusho, 40, Yasui-cho, Nishinomiya, Hyogo-ken.

To : Oji Seiki Kogyo K.K., 1-5, 2-Chome, Ohashi-cho, Nagata-ku,  
(Kobe Plant) Hyogo-ken.

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
1	Drilling Machine Bench type - 2nd class Code No. 13-39-154	Unknown	Centralization for better maintenance and repairs.
		---- Nothing follows ----	

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

39/1

412.3 - #37

6



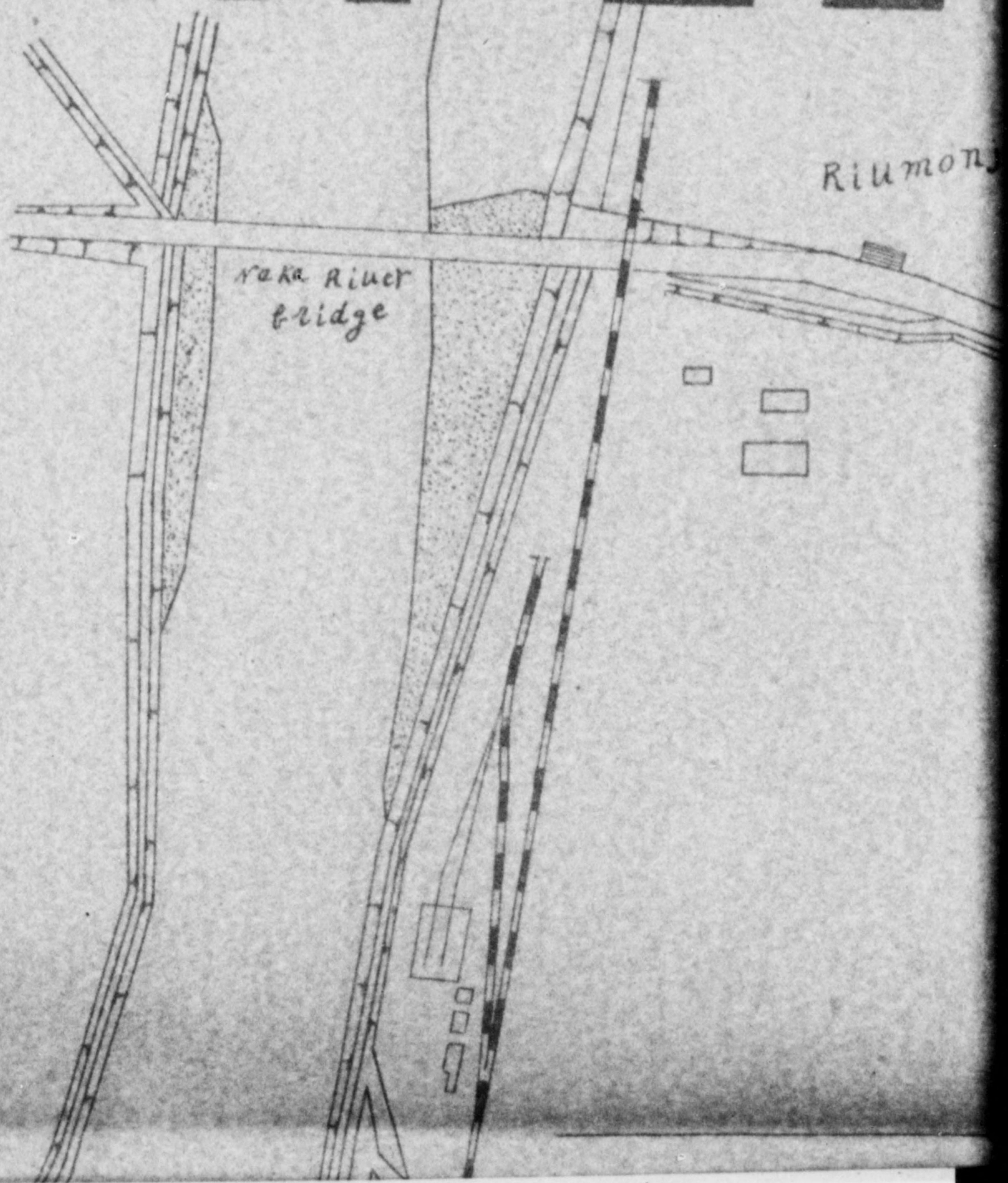
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# LAYOU

Mitsutajo

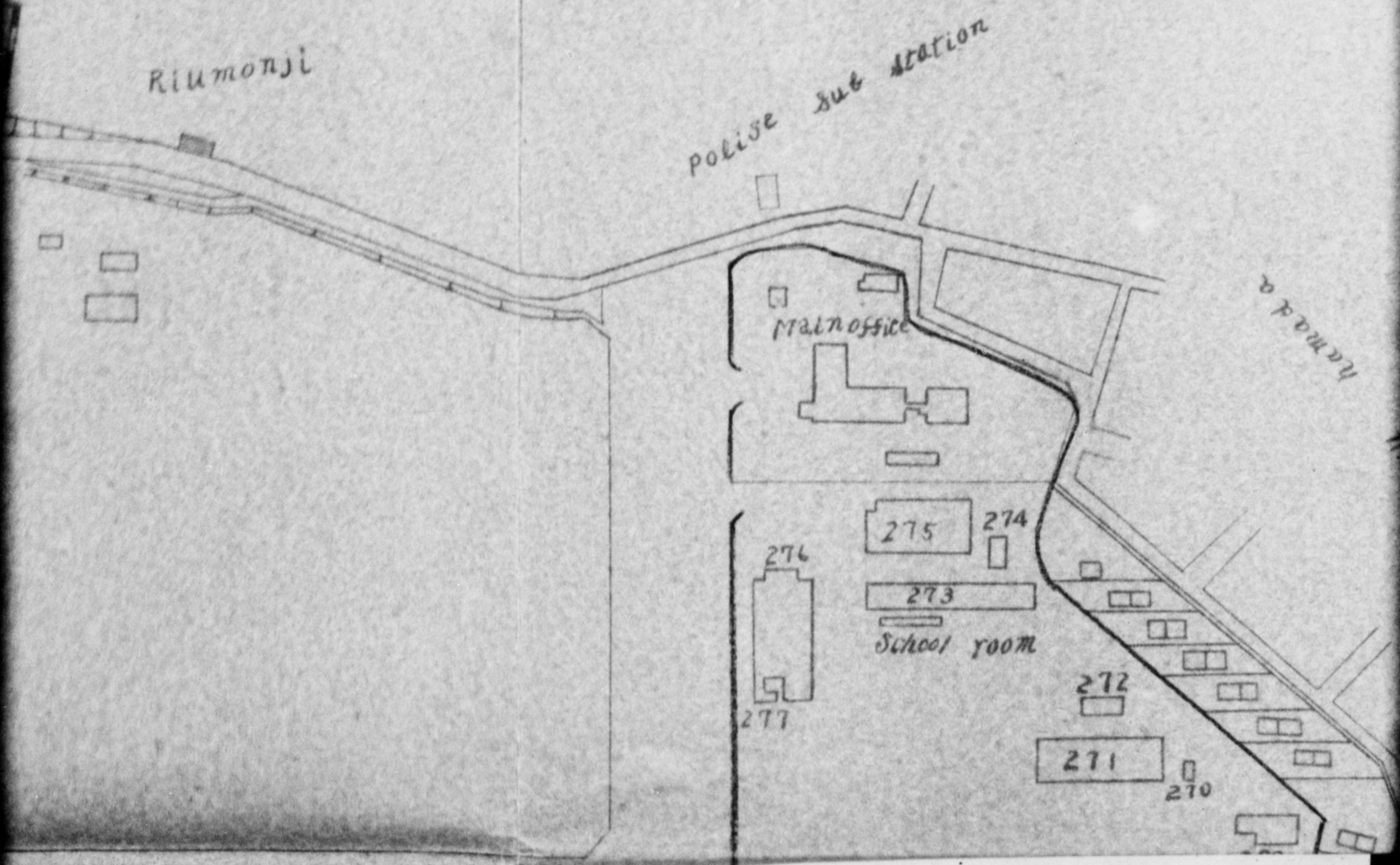
Naka River  
bridge

Riunon



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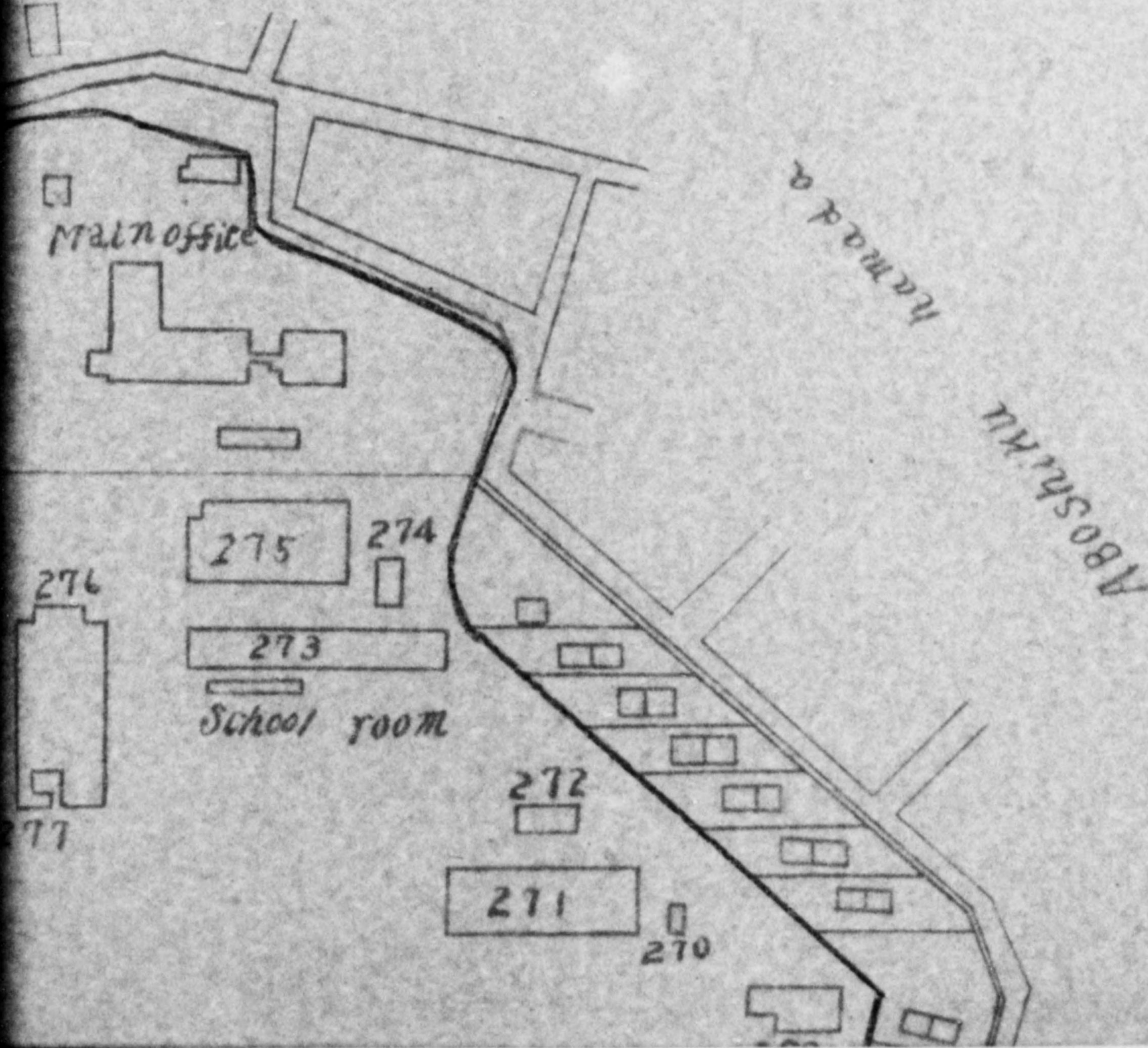
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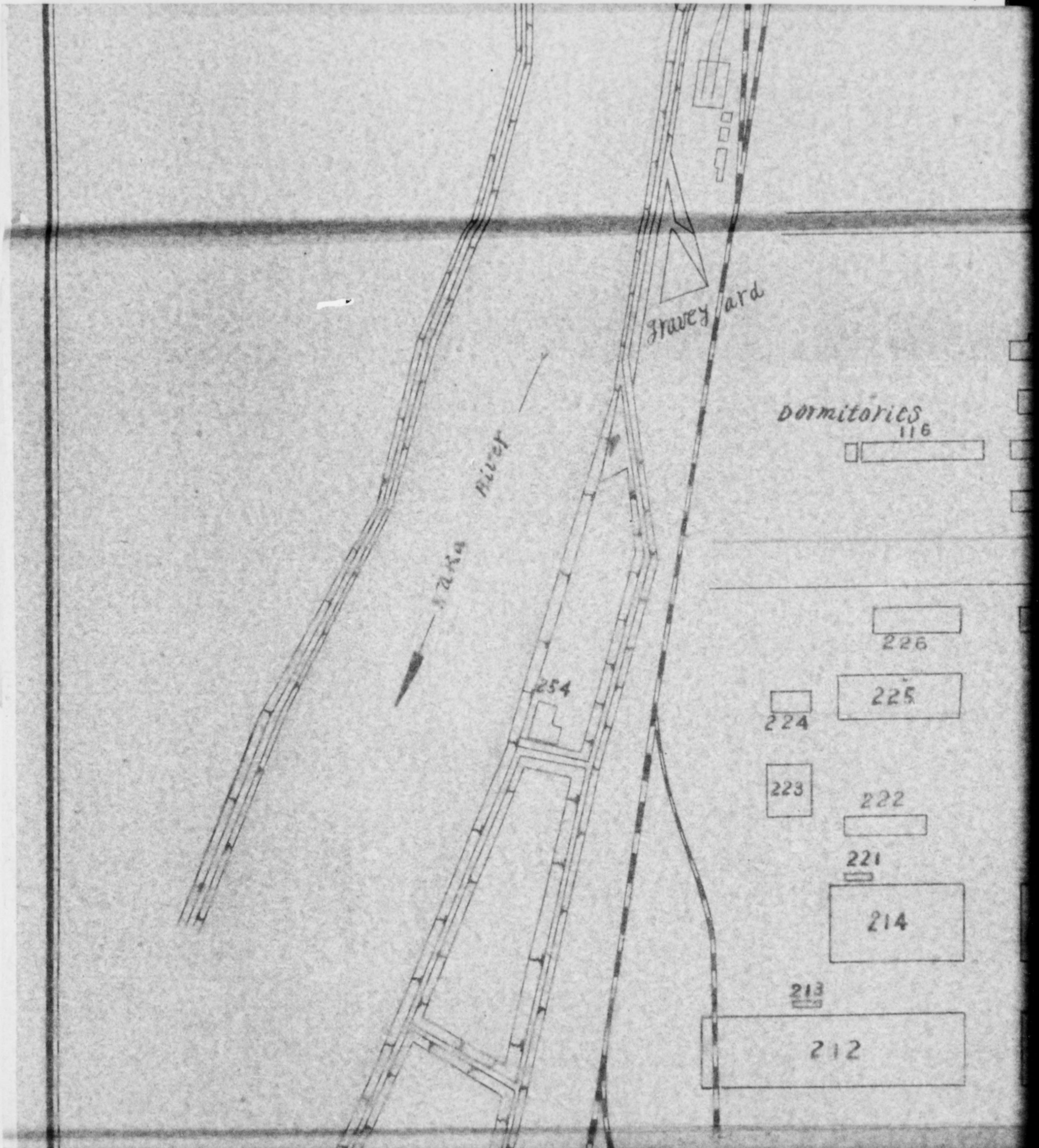
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# WORKS

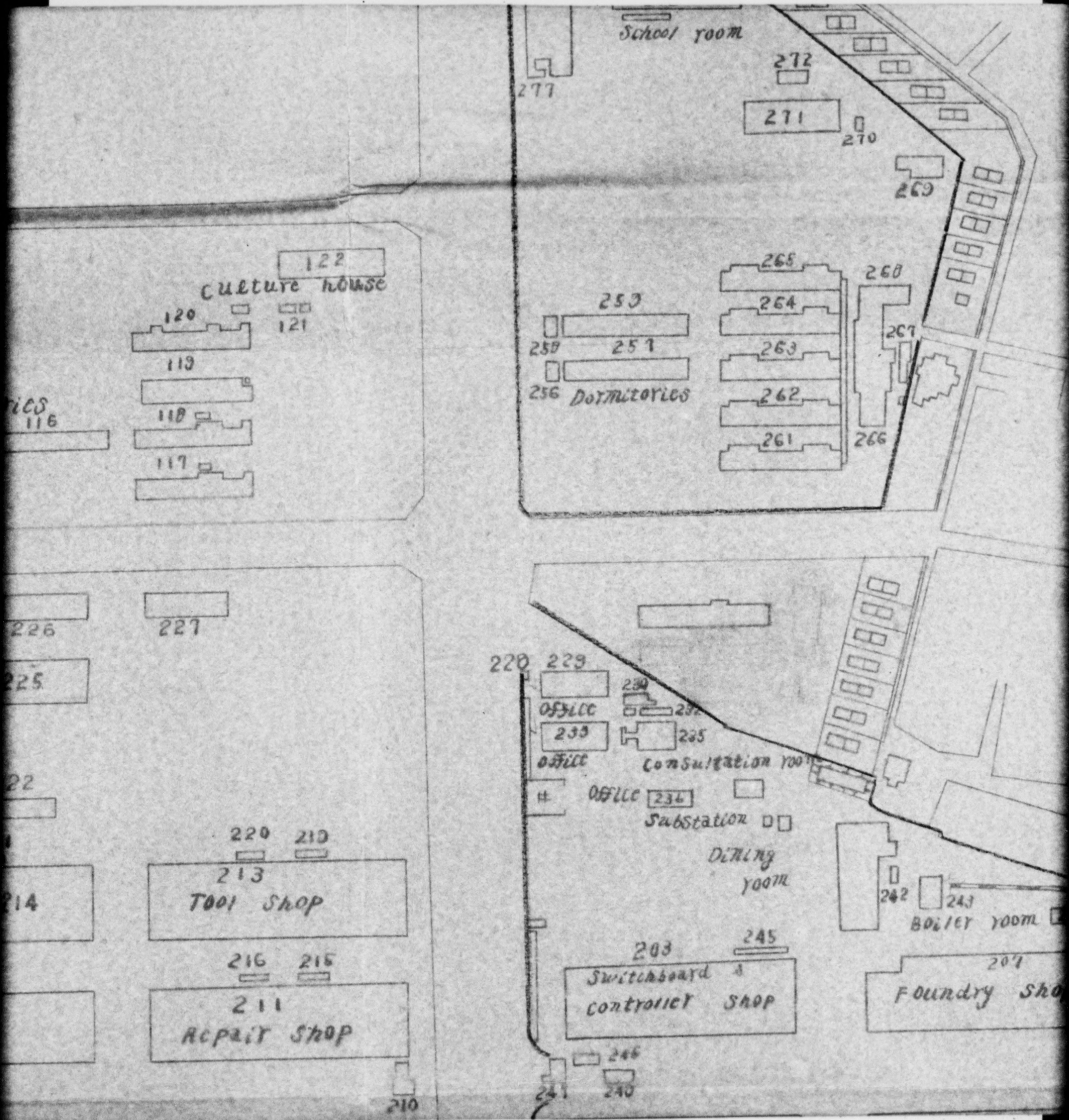
se sub station



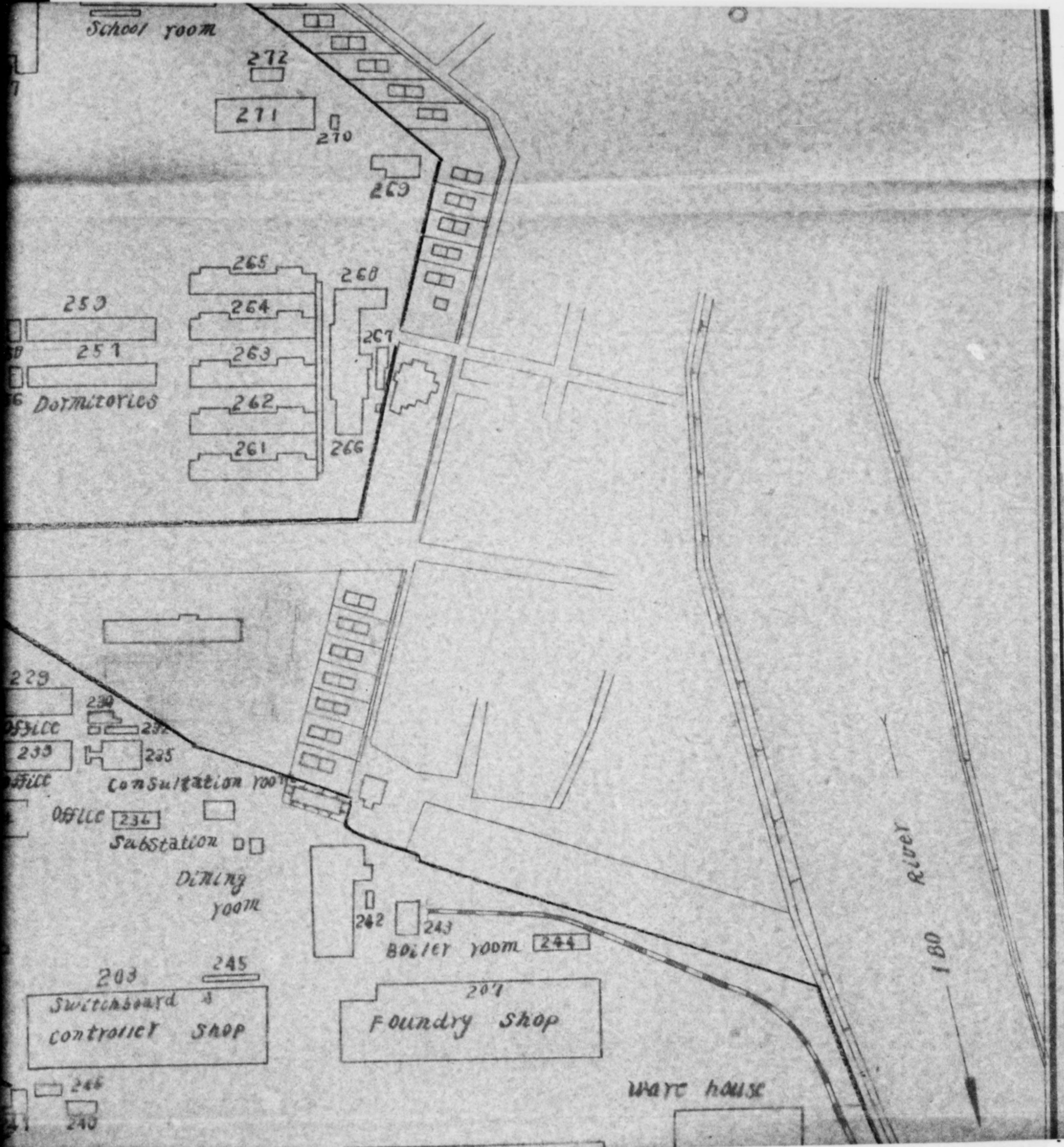
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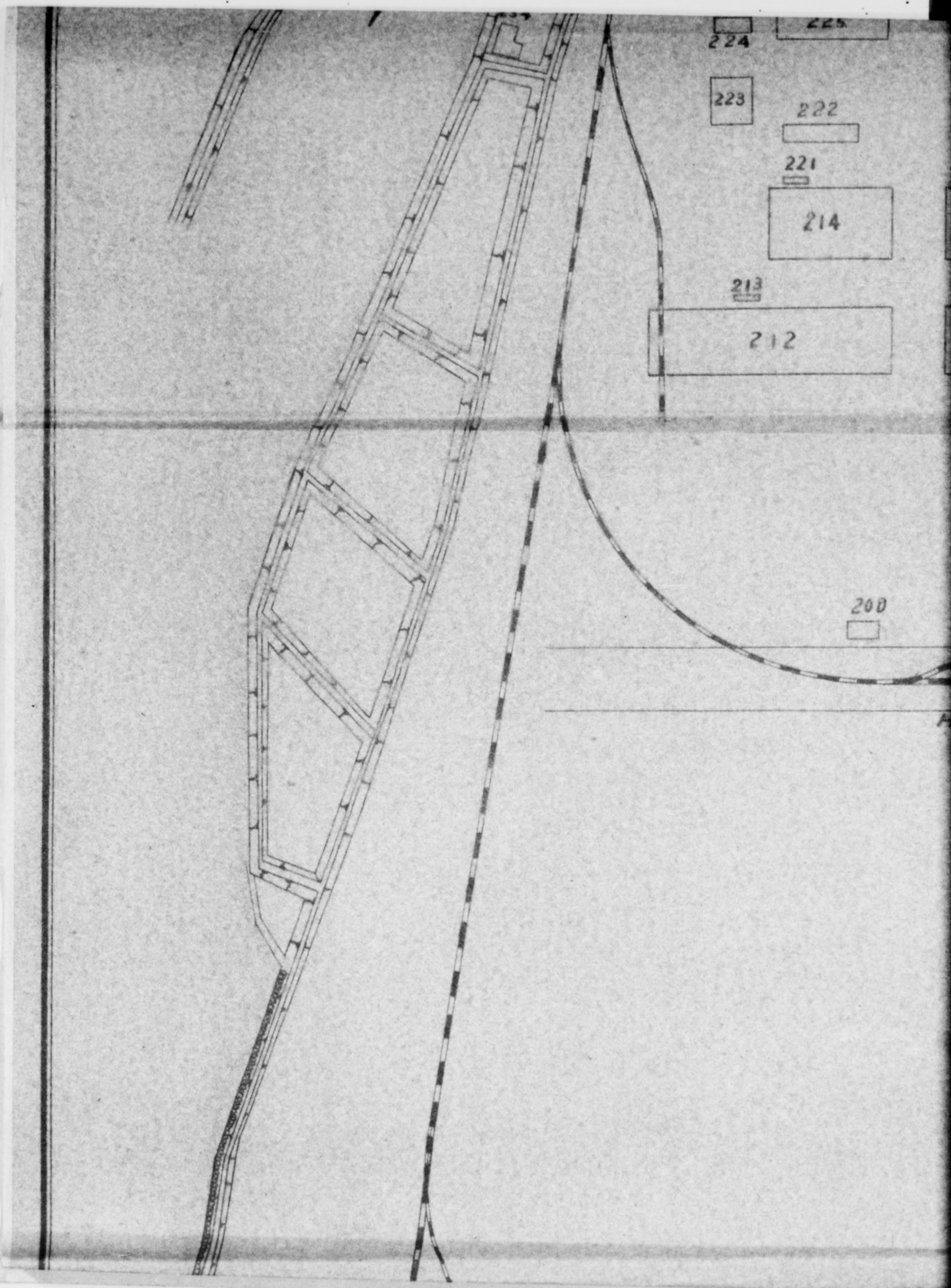
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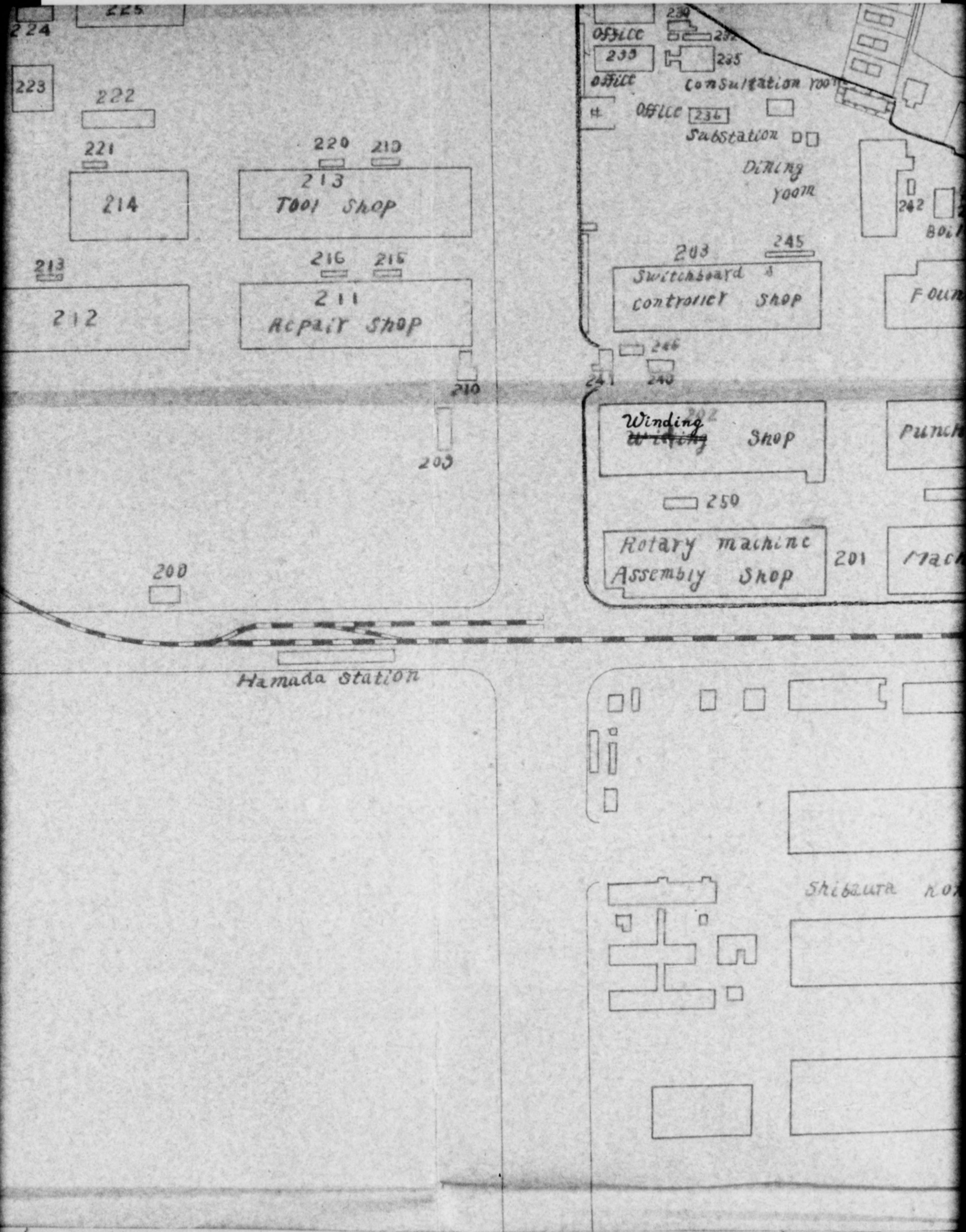
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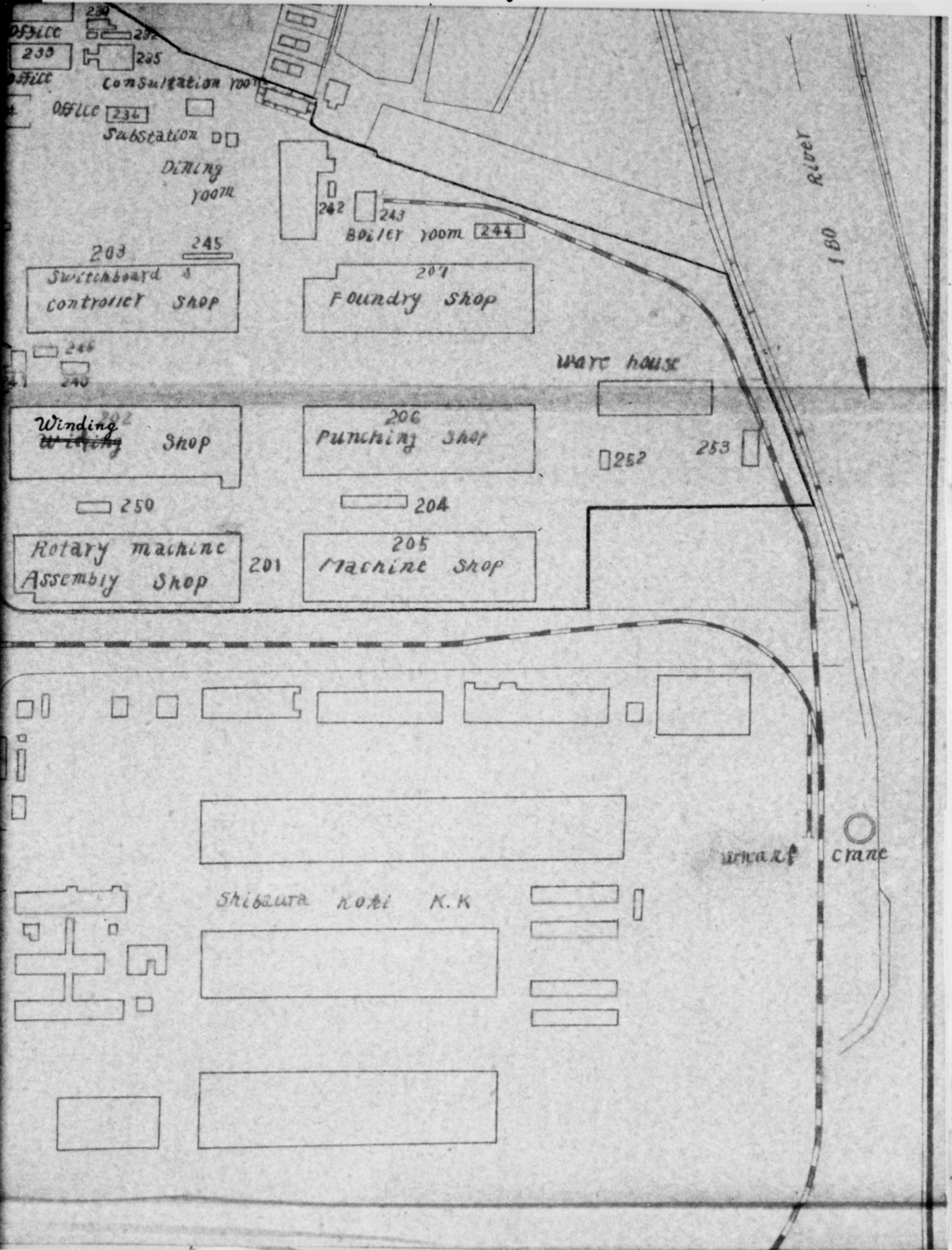


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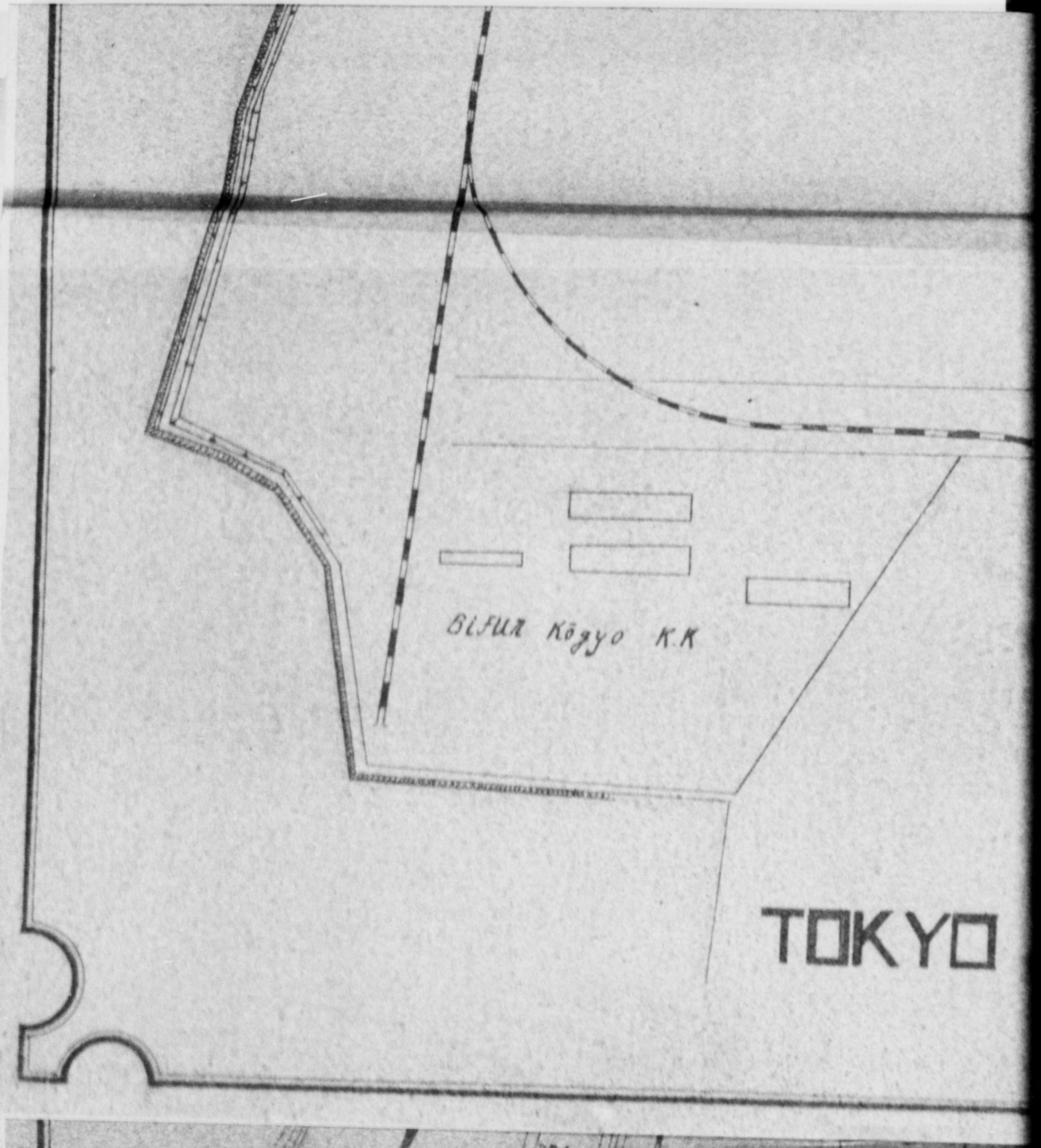




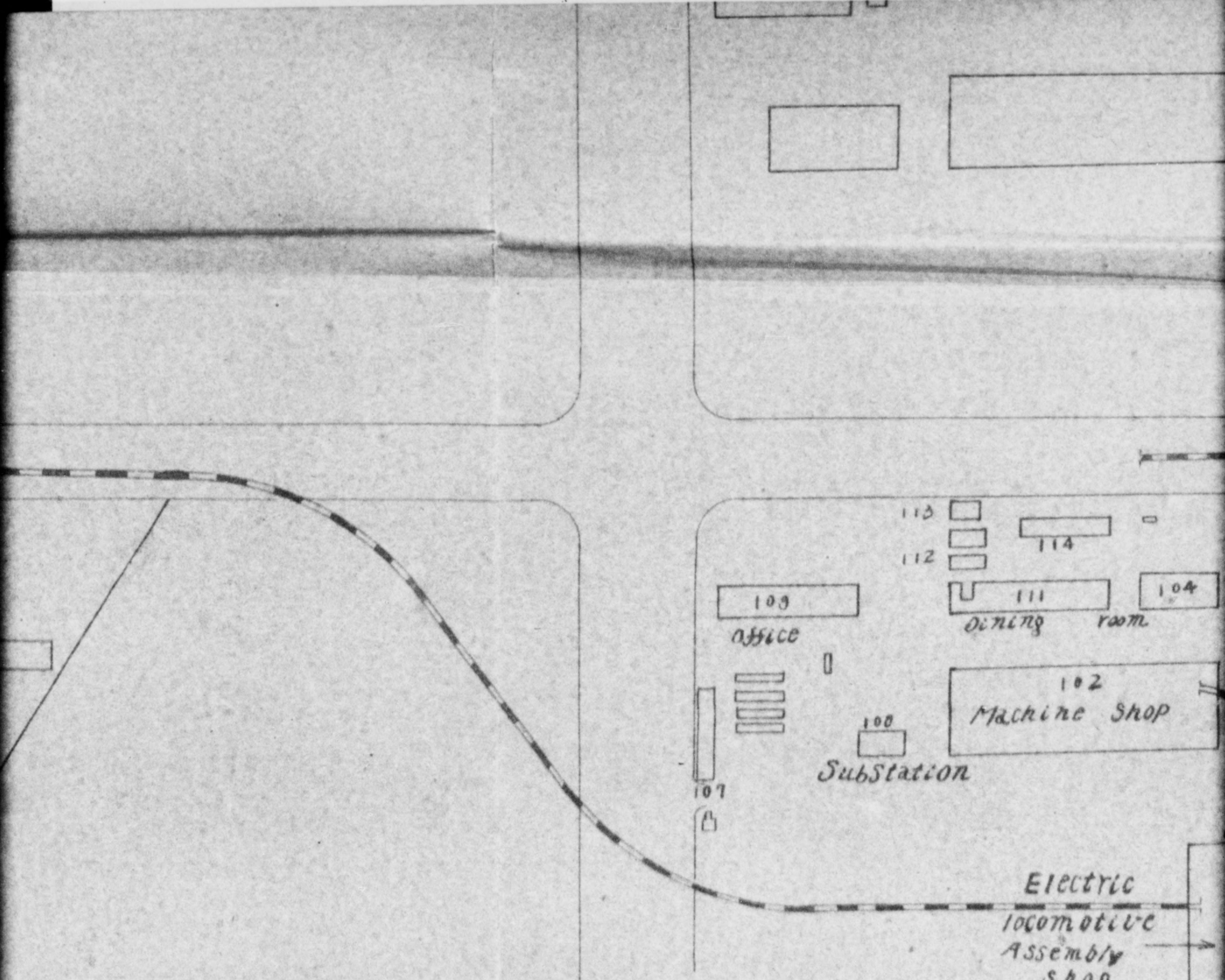
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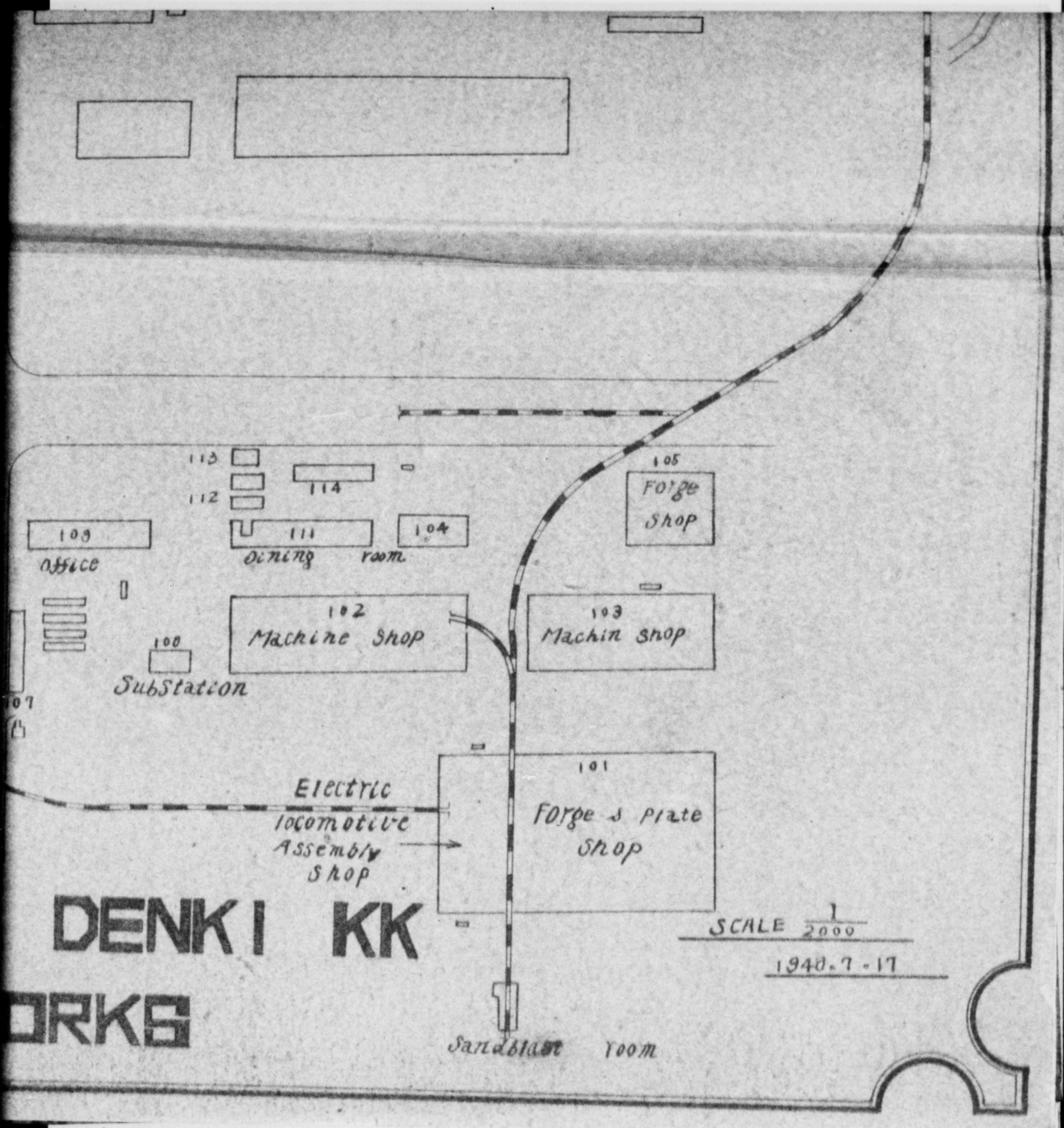


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TOKYO SHIBaura DENKI KK  
 ABOSHI WORKS

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OJI SEIKI KOGYO K K PLANT No 39

1-5, 2-chome, Ohashicho,  
Nagata-ku, Kobe

*OK - Centralization for better custody & repair*

248

Lieut. Col. R.G. Rehkop,  
Commanding Officer,  
Hyogo Military Government Team, Kobe

SUBJECT: APPLICATION FOR PERMIT FOR  
TRANSFERRING MACHINE TOOLS

Sir,

We have to apply for the permit required to transferring our inventoried machine from the dispersed location to the main plant under the circumstances stated below.

1. Present location : 40, Yasuicho, Nishinomiya, Hyogo  
Okada Seisakusho
2. Location to which the machine shall be moved  
1-5, 2-chome, Ohashicho, Nagata-ku,  
Kobe  
Oji Seiki Kogyo K.K. Kobe Plant
3. Owner of the machine: Oji Seiki Kogyo K.K.
4. Description of the machine  
One (1) Drilling Machine, bench type  
2nd class  
Code No. 13-39-154
5. Reason why should be transferred  
Centralization for better maintenance
6. Remarks The machine will be carried in hand by a  
employee of Okada Seisakusho

Trusting to be favoured with your prompt approval,  
we are,

Very truly yours,

*T. Sasayama*  
T. SASAYAMA, President

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412.3 (Rep) #39

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 171 - 47

DATE 1 Aug 47

SUBJECT: Removal of ~~MOVEMENT~~ of Machinery.

TO : Oji Seiki Kogyo Kabushiki Kaisha  
1-5, 2-chome, Ohashicho, Nagata-ku, Kobe

1. Permission (is) ~~(XXXXXXXX)~~ granted to move machinery owned by Oji Seiki Kogyo K.K.

From: Ohno Sha, 1-chome, Higashi-ojicho, Akashi-shi, Hyogo-ken

To Oji Seiki Kogyo K.K., 1-5, 2-chome, Ohashicho, Nagata-ku, Kobe

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	Purpose
1	Lathe, engine, gap Code #13-39-62	Unknown	Centralization for better maintenance & repairs
1	Lathe, engine, standard Code #13-39-63	"	- " -
1	Drilling machine, hand & auto feed Code #13-39-103	"	- " -
- - - - - Nothing follows - - - - -			

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cavalry  
Executive Officer

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412.3 (Rep) #39

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 168 - 47

DATE 1 Aug 47

SUBJECT: Removal or ~~movement~~ of Machinery.

TO : Oji Seiki Kogyo KK,  
1, 2-chome, Ohashicho, Nagata-ku, Kobe

1. Permission (is) ~~is granted~~ granted to move machinery owned by Oji Seiki Kogyo KK

From: Mr. N. Fujiwara, 12-2, 7-chome, Otecho, Suma-ku, Kobe

To : Oji Seiki Kogyo KK, 1, 2-chome, Ohashicho, Nagata-ku, Kobe-shi

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	Purpose
1	Laths, Engine, Standard Code #13-39-22	Unknown	Centralization for better maintenance & repairs
	- - - - -	- Nothing follows -	- - - - -

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cavalry  
Executive Officer

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MITSUBISHI HEAVY INDUSTRY LTD.  
Kobe Shipyard & Engineworks

LIST OF  
MACHINERIES AND EQUIPMENTS  
REQUESTED FOR  
EXCLUSION FROM REPARATION

MACHINERY DEPT.  
For  
LAND POWER PLANTS SECTIONAL BOILERS  
TURBINES WATER TURBINES

OCT. 1946



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THE COMPARATIVE TABLE OF LAND USE AND MARINE USE FOR MACHINE TOOLS AND EQUIPMENT  
( LAND USE MACHINERY MFG DEP'T. )

KOBE SHIP YARD & ENGINE WORKS  
MITSUBISHI H.I. LTD.

SHOP NAME	MACHINE TOOL.				EQUIPMENT			
	TOTAL	LAND USE	MARINE USE	%	TOTAL	LAND USE	MARINE USE	%
NO1. MACHINE SHOP	470	302	168	64.5	197	155	42	78.7
NO2. MACHINE SHOP	233	174	59	75	48	36	12	75
NO3. MACHINE SHOP	342	279	63	81.3	52	41	11	79
BOILER SHOP	107	63	44	58.8	75	44	31	58.7
FOUNDRY SHOP	51	25	26	49	231	120	111	52
BLACKSMITH SHOP	43	24	19	55.8	136	82	54	60
MACHINE SHOP (REPAIR DEP'T)	165	0	165	0	40	0	40	0
TOTAL	1411	867	544	61.5	779	478	301	61.3

58 WELDING MACHINES FOR LAND USE ARE EXCLUDED FROM THIS TABLE.

REF. % IN THIS TABLE MEANS  $= \frac{(TOTAL - MARINE USE)}{TOTAL}$

KOBE SHIPYARD & ENGINE WORKS

MITSUBISHI H.I. LTD

PERCENTAGE OF LABOUR HOURS IN ENGINE DEPT (1929-1945)

(TOTAL HOURS) - (MACHINERIES FOR OWN BUILT SHIP)

TOTAL HOURS

	1929	'30	'31	'32	'33	'34	'35	'36	MEAN 1929-'36	'37	'38	'39	'40	'41	MEAN 1937-'41	'42	'43	'44	'45	MEAN 1942-'45	MEAN 1929-'45
No 1 MACHINE SHOP %	98	83	82	88	95	90	87	90	89.1	84	80	80	89	81	82.8	80	73	63	71	71.8	83.2
No 2 MACHINE SHOP %	41	83	76	89	90	69	64	57	71.1	68	63	74	76	62	69.6	98	100	100	100	99.5	77.1
No 3 MACHINE SHOP %	95	95	93	94	93	93	95	96	94.3	96	96	96	96	96	96	93	93	64	91	85.3	92.6
BOILER SHOP %	85	73	84	82	87	85	85	76	82.1	77	76	75	75	80	76.6	73	77	74	82	76.5	79.2

KOBE SHIPYARD & ENGINE WORKS  
MITSUBISHI H.I. LTD.

PERCENTAGE OF LABOUR HOURS IN ENGINE DEPT (1929-1945)  
 $\frac{(\text{TOTAL HOURS}) - (\text{MACHINERIES FOR MARINE USE})}{(\text{TOTAL HOURS})}$

	1929	'30	'31	'32	'33	'34	'35	'36	MEAN 1929-'36	'37	'38	'39	'40	'41	MEAN 1937-'41	'42	'43	'44	'45	MEAN 1942-'45	MEAN 1929-'45
NO. 1 MACHINE SHOP %	96	60	71	85	67	74	61	79	74.1	66	64	50	52	45	55.4	53	34	8	39	33.5	59.1
NO. 2 MACHINE SHOP %	41	69	59	41	64	35	58	48	51.9	79	23	1	0	13	23.2	2	0	9	0	2.8	31.9
NO. 5 MACHINE SHOP %	95	95	93	94	93	93	95	96	94.3	96	96	96	96	96	96	7	2	2	2	3.3	73.4
BOILER SHOP %	85	73	84	82	87	85	85	76	82.1	77	76	75	75	80	76.6	73	77	74	82	76.5	79.2
TOTAL MEAN %	88	81	78	75	78	64	76	80	77.6	80	70	64	69	57	68	32	27	23	40	30.5	63.7

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 715 013

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks	Sheet No.	
								Dept.	Engine Dept.
1	L 3	Engine Lathe	254 <sup>mm</sup> x 1829 <sup>mm</sup>	D	1913	John Lamps		1/1	
2	L 4	"	"	B	"	"			
3	L 13	Screw Cutting Lathe	12" x 6'-0"	C	1907	"			
4	L 27	Engine Lathe	13" x 8'-0"	C	1912	"			
5	L 36	"	8" x 8'-0"	C	1908	"			
6	L 49	"	400 <sup>mm</sup> x 1500 <sup>mm</sup>	C	1917	American Tool			
7	L 50	"	"	C	"	"			
8	L 51	"	9" x 8'-0"	C	"	Fujimura Tekko sho			
9	L 52	"	9 1/2" x 8'-0"	C	"	"			
10	L 53	"	"	C	"	"			
11	L 54	"	"	C	"	"			
12	L 56	"	"	C	"	"			
13	L 67	"	8" x 8'-0"	C	"	Kubota Tekko sho			
14	L 70	"	"	C	"	"			
15	L 75	"	"	C	1918	"			
16	L 79	"	8 1/2" x 6'-0"	C	1919	Joseph Ryerson Yasuda			
17	L 95	"	6" x 6'-0"	B	1918	Tekko sho			
18	L 96	"	"	C	"	"			
19	L 104	"	9" x 8'-0"	B	"	Dougall			
20	L 106	"	13" x 24'-4 1/4"	E	"	Reed Prentice			
21	L 117	"	8" x 8'-0"	C	1919	Fay & Egan			
22	L 123	"	9" x 8'-0"	C	"	R.K. Leblond			
23	L 125	"	1" x 10'-0"	Shiraishi Gumi	"	Wakayama Tekko sho	Leading to Shiraishi Gumi		
24	L 131	"	6 1/2" x 8'-0"	C	"	Monarch			
25	L 132	"	"	C	"	"			
26	L 133	"	"	C	"	"			
27	L 136	"	8 1/2" x 8'-0"	C	1920	Yasuda Tekko sho			
28	L 137	"	"	C	"	"			
29	L 145	"	12 1/2" x 13'-0"	E	"	Johnstirk			
30	L 146	"	"	C	"	"			

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks	Dept.		Sheet No.
								Engine Dept.	Shop	No 1 Machine Shop
1	65	L 147	Engine Lathe	12 1/2" x 13'-0"	C	1920	Johnstirk			
2	66	L 150	"	"	C	"	"			
3	67	L 164	"	12" x 14'-0"	C	"	"			
4	68	L 166	Surface Lathe	26" x 12'-0"	E	"	John Lang			
5	69	L 167	Engine Lathe	19" x 19'-0"	E	1921	Johnstirk			
6	70	L 177	"	"	E	"	"			
7	72	L 183	"	600 <sup>mm</sup> x 9200 <sup>mm</sup>	E	1934	Schiess Defris			
8	73	L 185	"	1200 <sup>mm</sup> x 14500 <sup>mm</sup>	B	1937	"			
9	74	L 190	"	420 <sup>mm</sup> x 2000 <sup>mm</sup>	C	1939	Okuma Tekkosho			
10	75	L 191	"	"	C	"	"			
11	76	L 197	"	180 <sup>mm</sup> x 1830 <sup>mm</sup>	C	"	"			
12	77	L 198	"	60" x 38'-0"	E	1940	Niles Karatsu			
13	78	L 199	"	18" x 9'-4"	C	1941	Tekkoshu			
14	79	L 202	"	760 <sup>mm</sup> x 9000 <sup>mm</sup>	E	1942	"			
15	81	L 204	"	25" x 12'-0"	C	1943	Shoun Kosakusho			
16	82	L 205	"	"	C	"	"			
17	83	L 206	"	600 <sup>mm</sup> x 9300 <sup>mm</sup>	B	"	Osaka Kikai Seisakusho			
18	85	L 209	War Type Engine Lathe	500 <sup>mm</sup> x 2300 <sup>mm</sup>	C	1944	Itegai Tekkosho			
19	86	L 210	"	"	C	"	"			
20	87	L 212	Surface Lathe	650 <sup>mm</sup> x 10'-0"	E	"	Home Made			
21	88	L 213	Engine Lathe	330 <sup>mm</sup> x 900 <sup>mm</sup>	C	"	Okuma Tekkosho			
22	89	L 214	"	"	C	"	"			
23	90	L 215	"	800 <sup>mm</sup> x 3000 <sup>mm</sup>	E	"	Mitsubishi Kosakuki Shimamoto			
24	91	L 216	War Type Engine Lathe	180 <sup>mm</sup> x 1400 <sup>mm</sup>	C	"	Tekkoshu			
25	92	L 217	"	"	C	"	"			
26	93	L 218	"	12 1/2" x 6'-0"	C	"	Mitsubishi Kosakuki			
27	94	L 220	"	350 <sup>mm</sup> x 1400 <sup>mm</sup>	C	"	Okuma Tekkosho			
28	95	L 415	Engine Lathe	400 <sup>mm</sup> x 1670 <sup>mm</sup>	C	"	Toyo Kikai			
29	96	L 534	"	400 <sup>mm</sup> x 1800 <sup>mm</sup>	C	"	"			
30	224	L 416	"	7" x 6'-0"	Wada 2	1939	Okuma Tekkosho			

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			Dept.	Engine Dept.	Shop	No.1 Machine Shop	Sheet No.
List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks
1	225	L 417	Engine Lathe	7' x 6'~0"	Wada 2	1939	Okuma Tekkoso
2	226	L 418	.	7 $\frac{5}{8}$ ' x 6'~6 $\frac{1}{2}$ "	.	1938	Kara Izu Tekkoso
3	227	L 419	.	.	.	.	.
4	228	L 420	.	.	.	.	.
5	229	L 421	.	100 <sup>mm</sup> x 1,750 <sup>mm</sup>	.	1933	Loewe
6	231	L 423	.	13 $\frac{1}{2}$ ' x 7'~0"	.	1911	John Lang
7	232	L 424	.	.	.	1926	.
8	234	L 515	.	240 <sup>mm</sup> x 2845 <sup>mm</sup>	.	1941	Kara Izu Tekkoso
9	235	L 516	.	.	.	.	.
10	236	L 517	.	8 $\frac{1}{4}$ ' x 8'~0"	.	1917	Kubota Tekkoso
11	237	L 519	.	8 $\frac{1}{2}$ ' x 8'~0"	.	1920	Yasuda Tekkoso
12	238	L 521	.	8 $\frac{1}{4}$ ' x 8'~0"	.	1939	Okuma Tekkoso
13	239	L 522	.	.	.	.	.
14	241	L 526	.	8 $\frac{1}{2}$ ' x 8'~2"	.	.	Iscgal Tekkoso
15	242	L 527	.	21' x 9'~0"	.	—	John Lang
16	243	L 529	.	14' x 10'~0"	.	1906	.
17	244	L 530	.	15' x 10'~0"	.	—	Lodge & Shirley
18	246	L 602	.	15 $\frac{1}{2}$ ' x 13'~0"	Wada 1	1920	Johnstirk
19	247	L 603	.	18 $\frac{1}{2}$ ' x 13'~0"	.	.	.
20	248	L 604	.	18 $\frac{1}{4}$ ' x 12'~0"	Wada 2	1918	Niigata Tekkoso
21	249	L 605	.	.	.	.	.
22	250	L 606	.	.	.	.	.
23	251	L 608	.	.	.	.	.
24	252	L 609	.	.	.	.	.
25	253	L 610	.	12 $\frac{1}{2}$ ' x 13'~0"	.	1920	Johnstirk
26	254	L 611	.	.	.	.	.
27	255	L 612	.	16' x 12'~0"	.	1908	.
28	256	L 613	.	12 $\frac{1}{2}$ ' x 12'~0"	.	1918	Fujimura Tekkoso
29	257	L 701	.	35' x 22'~6"	Wada 1	1920	Johnstirk
30	259	L 703	.	19' x 19'~0"	.	1921	.

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks	Dept.	Engine Dept.	Shop	No 1 Machine Shop	Sheet No
												4/11
1	260	L 704	Engine Lathe	20" x 20" ~ 0"	Wada 1	1920	Nrigata Tebusho					
2	261	L 705		18" x 18" ~ 0"	-	1939	Osaka Kibai Seisakusho					
3	264	L 708	Surface Lathe	27" x 10" ~ 0"	-	1944	Mabamura Tokkocho					
4	101	T 7	Vertical Boring & Turning Mill	14" ~ 4"	B	1939	Schriess Defric Karatsu					
5	102	T 8		6" ~ 0"	E	-	Tekkoshu					
6	103	T 9		11" ~ 0"	B	1943	-					
7	104	T 10		20" ~ 0"	-	1944	-					
8	105	T 11		7" ~ 6"	E	1945	Ebara Seisakusho					
9	265	T 1		6" ~ 0"	Wada 1	1926	Kisha Seizo Kaisha					
10	107	DR 42	Radial Drilling Machine	55.5 <sup>mm</sup> x 1220 <sup>mm</sup>	B	1919	Western M.T.					
11	108	DR 52		45 <sup>mm</sup> / 80 x 1225 <sup>mm</sup>	E	1933	Raboma					
12	109	DR 55		70 <sup>mm</sup> / 120 x 3050 <sup>mm</sup>	B	1936	-					
13	111	DR 57		100 <sup>mm</sup> x 2065 <sup>mm</sup>	E	1938	-					
14	112	DR 60		-	-	1939	-					
15	113	DR 62		40 <sup>mm</sup> / 80 x 1500 <sup>mm</sup>	-	1940	Herman Kolo					
16	114	DR 63		-	D	-	-					
17	116	DR 67		80 <sup>mm</sup> x 1930 <sup>mm</sup>	E	1944	Dainihon Koki					
18	266	D 4		80 <sup>mm</sup> x 1500 <sup>mm</sup>	Wada 1	1940	Herman Kolo					
19	267	D 5		80 <sup>mm</sup> x 1225 <sup>mm</sup>	-	1933	Raboma					
20	269	D 7		70 <sup>mm</sup> x 800 <sup>mm</sup>	Wada 2	-	-					
21	270	D 13		80 <sup>mm</sup> x 1100 <sup>mm</sup>	Wada 1	1945	Dainihon Koki					
22	155	D 6	Horizontal Boring Machine	76 <sup>mm</sup>	E	1906	W.M. Muir					
23	156	D 10		89 <sup>mm</sup>	D	1912	-					
24	158	D 24		-	-	1920	Kisha Seizo Kaisha					
25	159	D 26		-	B	1925	-					
26	160	D 39		50 <sup>mm</sup>	-	1918	Rock Ford Kisha Seizo					
27	161	D 43		89 <sup>mm</sup>	D	-	Kaisha					
28	272	B 2		4"	Wada 1	1940	Osaka Kibai Seisakusho					
29	273	B 3		2 1/2"	D	1926	Alfred H. Schutte					
30	163	DR 14	Upright Drilling Machine	1 1/2"	B	1913	Alfred Herbert					

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks	Dept.	Engine Dept.	Shop	No. 1 Machine Shop	Sheet No.
1	164	DR 15	Upright Drilling Machine	2 1/4"	E	1907	J. Archdale					
2	165	DR 17		2 1/8"	"	1919	Rokuroku Shokai					
3	167	DR 38		2 1/8"	"	"	"					
4	168	DR 41		60 mm	"	1939	Mitsubishi Denki					
5	169	DR 51		2 1/8"	B	1920	Rokuroku Shokai					
6	170	DR 58	4-Spindle Drilling Machine	4 x 28 mm	E	1939	Mitsubishi Denki					
7	171	DR 35	Upright Drilling Machine	1 1/2"	G3	1919	Kisha Seizo Kaisha					
8	172	DR 19	Portable Drilling Machine	2"	E	1918	"					
9	268	D 6	4-Spindle Drilling Machine	4 x 70 mm	Wada 2	1941	Mitsubishi Denki					
10	175	B 2	Kearns Type Surf. & Bor. M.	1680 mm	D	1926	Karatsu Tekkosho					
11	177	B 5		735 mm	"	1914	H.W. Kearns					
12	178	B 6			"	"	"					
13	179	B 9		640 mm	"	1917	Karatsu Tekkosho					
14	181	B 14		785 mm	"	1919	"					
15	183	B 20		585 mm	"	1917	H.W. Kearns					
16	184	B 21	Horizontal Boring Machine	130"	B	1938	Gidding Lewis					
17	185	B 22	Kearns Type Surf. & Bor. M.	1500 mm	D	1939	Karatsu Tekkosho					
18	186	B 24	Horizontal Boring Machine	72"	B	1920	Osaka Kikai Seisakusho					
19	187	B 25	Kearns Type Surf. & Bor. M.	1150 mm	D	1943	Karatsu Tekkosho					
20	188	B 26	Bar Boring Machine	100 mm	Mitsubishi Denki	1941	Home made	Lending To Mitsubishi Denki				
21	190	B 28		150 mm	B	1963	"					
22	192	B 31		"	"	"	"					
23	271	B 1	Kearns Type Surf. & Bor. M.	40"	Wade 1	1919	Kisha Seizo Kaisha					
24	202	M 6	Vertical Milling Machine	No. 2	B	1907	Alfred Herbert					
25	203	M 17			"	1919	W.B. Knight					
26	204	M 25	Hand Feed Horizontal Milling Machine		"	1926	Okuma Tekkosho					
27	205	M 28	Universal Milling Machine	No. 4	F	1929	Kearny & Trecker					
28	207	M 33	Horizontal Milling Machine	No. 3	B	1933	Cincinnati					
29	208	M 34	Vertical Milling Machine	No. 2	F	"	"					
30	209	M 37		No. 3	"	"	Wanderer					



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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks	Dept.	Engine Dept.	Shop	No. 1 Machine Shop	Sheet No.
1	210	M 38	Vertical Milling Machine	No. 2	F	1938	Zbrojovka Okuma					
2	211	M 42	"	No. 5	E	1939	Tekkoso Inegai					
3	212	M 44	"	No. 3	F	"	Tekkoso Okuma					
4	213	M 49	"	No. 4	"	"	Tekkoso					
5	214	M 51	"	No. 2	"	"	Cincinnati					
6	215	M 54	"	No. 3	"	"	"					
7	217	M 56	"	"	"	"	"					
8	218	M 57	"	No. 4	"	"	"					
9	219	M 61	"	No. 3	"	"	Roscher v. Eichler					
10	221	M 97	"	"	"	1940	Kayatsu Tekkoso					
11	222	M 98	"	"	"	1941	Roscher v. Eichler					
12	223	M 203	Horizontal Milling Machine	No. 2	"	1943	Wanderer Nigata					
13	310	M 104	Plain Milling Machine	"	Wada 3	1918	Tekkoso					
14	311	M 105	"	"	"	1923	Garvin Machine					
15	312	M 228	"	"	Wada 2	"	Decker Co.					
16	313	M 107	"	"	Wada 3	1919	Ono Tekkoso					
17	317	M 114	Turbine Blade Dove Tail Milling Machine	1,000 mm x 300 mm	"	1944	Nagao Tekkoso					
18	318	M 115	"	"	"	"	"					
19	320	M 213	Vertical Milling Machine	No. 2	Wada 2	1939	Cincinnati					
20	321	M 215	Horizontal Milling Machine	"	Wada 3	1933	Wanderer					
21	322	M 216	Plain Milling Machine	"	"	1929	Wakayama Tekkoso					
22	323	M 217	"	"	"	"	"					
23	324	M 218	"	"	"	"	"					
24	331	M 303	Vertical Milling Machine	No. 3	Wada 1	"	Roscher v. Eichler					
25	332	M 304	"	"	Wada 2	"	"					
26	333	M 305	"	"	"	"	Cincinnati					
27	334	M 306	Plain Milling Machine	"	Wada 3	1943	Toyo Kikai					
28	335	M 307	"	"	"	"	"					
29	336	M 308	"	"	"	"	"					
30	337	M 309	"	"	"	"	"					

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			Dept.	Engine Dept.	Shop	No. 1 Machine Shop	Sheet No.
List No.	Machine No.	Machine Name	Size or Capacity,	Location	Mfg. Date	Manufacturer	7/11
1	341 M 401	Vertical Milling Machine	No. 4	Wada 2	1939	Cincinnati	
2	342 M 501	Horizontal Milling Machine	No. 5	F	*	*	
3	517	Portable Milling Machine	600 <sup>mm</sup> x 200 <sup>mm</sup>	Wada 1	1945	Mitsui Tamano Zosenko	
4	353 Mb 111	Blade Single Capacity Milling Machine	600 <sup>mm</sup> x 250 <sup>mm</sup>	Wada 3	1940	Terajima Tekeosho	
5	354 Mb 112	"	"	"	"	"	
6	355 Mb 113	"	"	"	"	"	
7	356 Mb 114	"	"	"	"	"	
8	357 Mb 115	"	"	"	"	"	
9	368 Mb 126	"	"	"	"	"	
10	369 Mb 127	"	"	"	"	"	
11	370 Mb 128	"	"	"	"	"	
12	372 Mb 130	"	"	"	"	"	
13	375 Mb 203	"	2260 <sup>mm</sup> x 350 <sup>mm</sup>	"	1941	Home made	
14	377 Mb 205	"	"	"	1937	"	
15	379 Mb 207	"	"	"	1938	"	
16	380 Mb 208	"	"	"	1925	"	
17	383 Mb 211	"	"	"	"	"	
18	384 Mb 212	"	"	"	"	Finstrong Steel	
19	193 G 1	Universal Grinding Machine	32 <sup>mm</sup> x 1050 <sup>mm</sup>	E	1918	Brown & Sharpe	
20	194 G 2	Surface Grinding Machine	762 <sup>mm</sup> x 305 <sup>mm</sup>	"	—	Blanchard	
21	195 G 3	Plain Grinding Machine	508 <sup>mm</sup> x 3050 <sup>mm</sup>	"	—	Norton	
22	196 G 5	Paper Grinder	Stone Dia. 24"	F	1906	Home made	
23	198 G 28	Automatic Link Bush Cylinder & Stud Grinding M.	250 <sup>mm</sup> x 500 <sup>mm</sup>	"	1930	Mayer Schmidt	
24	201 G 39	Grinding Machine with Constant Angle	280 <sup>mm</sup> x 1200 <sup>mm</sup>	B	1925	Ohma Tekkoosho	
25	299 G 1	Centerless Grinding Machine	300 <sup>mm</sup>	Wada 2	"	Seimitsu	
26	300 G 2	Spur Gear Grinding Machine	550 <sup>mm</sup> x 175 <sup>mm</sup>	Wada 1	1933	Okamoto Kosatuki	
27	301 G 3	Gear Lapping Machine	500 <sup>mm</sup>	"	"	"	
28	302 G 4	Worm Grinding Machine	1200 <sup>mm</sup> x 460 <sup>mm</sup>	Wada 2	1934	Reinecker	
29	303 G 7	Surface Grinding Machine	11" x 12"	F	1924	Churchil	
30	304 G 6	Universal Grinding Machine	12" x 60"	E	1933	Brown & Sharpe	

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List No.	Machine No.	Machine Name	Size or Capacity	Location	m.f.g. Date	Manufacturer	Remarks	Dept.	Engine Dept.	shop	No. / Machine Shop	Sheet No.
												8 / 11
305	G 11	Gear Lapping Machine	20" x 12"	Wada 1	1943	Home Made						
306	G 12	Gear Grinding Machine	150 mm φ	"	1945	Hitachi Seiki						
307	G 13	"	"	"	"	"						
308	G 10	Internal Grinding Machine	80 mm x 400 mm	Wada 2	"	Shoun Kosakusho						
309	G 14	Plain Grinding Machine	300 x 800 mm	"	"	Mitsubishi Kasakuki						
488	G 45	Vertical Plain Grinding Machine	250 x 1,000 mm	"	1944	Tsunoda Kenmaki						
133	MG 39	Automatic Gear Hobbing Machine	2,200 mm	E	1921	Mitsubishi Nagasaki Zosencho						
134	MG 62	"	4,000 mm	D	1933	Reinecker						
135	MG 64	"	2,000 mm	"	1934	Pfautes						
136	MG 67	"	7' - 0"	"	1945	Karatsu Tekkusho						
274	MG 1	Worm Gear Cutting Machine	72"	Wada 1	1924	"						
275	MG 2	Double Helical Gear Cutting Machine	26"	"	1916	Power plant						
276	MG 3	Automatic Gear Hobbing Machine	56"	"	1920	Sonriko Seisakusho						
277	MG 4	"	1000 mm	"	1938	Pfautes						
278	MG 5	"	"	"	1933	"						
279	MG 6	"	70"	"	1917	Gould & Eberhardt						
280	MG 7	"	12"	"	"	Kolman						
281	MG 8	"	56"	"	1919	Adams						
282	MG 9	"	762 mm	"	"	Gould & Eberhardt						
283	MG 10	"	50"	"	1914	"						
284	MG 11	Automatic Bevel Gear Planer	80"	"	1933	Reinecker						
285	MG 12	Bevel Gear Shaper	40"	"	1909	Green Wood & Battley						
286	MG 13	"	12"	"	1924	Gleason						
287	MG 14	"	18"	"	"	"						
288	MG 15	Gear Shaper	660 mm	"	1919	Fellows						
289	MG 16	"	870 mm	"	1933	"						
290	MG 17	Automatic Gear Hobbing Machine	2032 mm	"	1945	Karatsu Tekkusho						
291	MG 18	Fellows Type Gear Shaper	660 mm	"	"	Tokyo Kikai Seisakusho						
292	MG 19	Bevel Gear Shaper	12"	"	"	Osaka Seisa Zeki						
293	MG 20	Automatic Gear Hobbing Machine	500 mm	"	"	Kashi Fuji Tekkusho						

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List No.	Machine No.	Machine Name	Size or Capacity	Location	m.f.g. Date	Manufacturer	Remarks	Dept.		shop		No. 1 Machine Shop		Sheet No.
								Engine Dept.						9/11
1	118	P 2	Horizontal Planing Machine	1075 <sup>mm</sup> x 3150 <sup>mm</sup>	D	1914	Summuel							
2	121	P 6	Open side Horizontal Planing Machine	1075 <sup>mm</sup> x 3800 <sup>mm</sup>	"	1918	Fujimura Tekkoshu							
3	123	P 11	Horizontal Planing Machine	2130 <sup>mm</sup> x 4955 <sup>mm</sup>	"	1919	Kubota Tekkoshu							
4	124	P 13	Hypro Double Housing Horizontal Planing Machine	2340 <sup>mm</sup> x 8600 <sup>mm</sup>	"	1940	Cincinnati							
5	125	P 15	Open side Horizontal Planing Machine	1375 <sup>mm</sup> x 5500 <sup>mm</sup>	"	1941	Karatsu Tekkoshu							
6	294	P 1	"	38" x 3'-11"	Wada	1926	Namba Tekkoshu							
7	138	S 2	Shaping Machine	32"	F	1919	Wakayama Tekkoshu							
8	139	S 3	"	24"	"	1918	Kaisha Kisha Seizo							
9	140	S 6	"	28"	"	1906	American Tool							
10	143	S 24	"	17"	"	1918	Yamatate Tekkoshu							
11	144	S 25	"	"	"	"	Yamatate Tekkoshu							
12	295	S 2	"	305 <sup>mm</sup>	Wada	1938	Tokyo Gas Den -ki Kygo							
13	296	S 3	"	16"	"	1918	Yamatate Tekkoshu							
14	297	S 4	"	610 <sup>mm</sup>	"	1942	Nakagawa Kikai							
15	145	SL 2	Slotting Machine	18"	D	1906	Thomas Shanks							
16	146	SL 3	"	16"	"	"	"							
17	148	SL 5	"	7 1/2"	F	1908	York's Machine Tool Works							
18	149	SL 6	"	24"	D	1928	Kubota Tekkoshu							
19	151	SL 20	"	8 1/2"	F	1934	Niigata Tekkoshu							
20	152	SL 21	"	8"	"	1944	Honma Tada							
21	153	SL 22	"	12"	"	"	Osaka Seisa Zaki							
22	298	SL 2	"	"	Wada	1930	Ikegai Tekkoshu							
23	487	SL 15	Portable Slotting Machine	4'-6"	B	1918	Kaisha Wilmarth							
24	489	G 101	Tool Grinder	Wheel Dia 6"	F	1906	Morman Alfred							
25	490	G 102	Single Head Tool Grinder	18"	"	1907	Herbert							
26	491	G 103	Double Head Tool Grinder	24"	"	"	"							
27	492	G 104	Tool Grinder	6"	"	1912	Yamatate Tekkoshu							
28	493	G 105	Double Head Tool Grinder	24"	"	1918	Wilmarth Morman							
29	494	G 106	Tool Grinder	6"	"	1944	Asahina Kagaku							
30	495	G 107	Parallel Tool Grinder	"	"	1917	Brown & Sharpe							

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks	Dept		No. 1 machine shop		sheet No
								Engine Dept	Shop	10/11		
1	497	G 109	Profile Cutter Grinder	6"	F	1922	Awaji Tenkosho					
2	498	G 111	Tool Grinder	10"	"		Wilmarth Morman					
3	499	G 112	Automatic Hub Grinder	8"	"	1927	Pfauter					
4	500	G 113	Double Head Tool Grinder	14"	"	1938	Alfred Herbert					
5	501	G 114	Universal Tool Grinder	8"	"	1939	Landis					
6	503	G 116	Double Head Tool Grinder	24"	"	1943	Home made					
7	504	G 117	"	"	"		"					
8	505	G 118	Universal Tool Grinder	6"	"	1944	Osaka Kinai					
9	507	G 409	Profile Cutter Grinder	4"	"	1943	Home made					
10	508	G 413	Parallel Tool Grinder	5"	"	1944	Johastone					
11	509	G 401	Double Head Tool Grinder	24"	Wada 2	1925	Home made					
12	510	G 406	Universal Tool Grinder	6"	"	1918	Awaji Tenkosho					
13	511	G 407	Tool Grinder	"	"	1919	Washburn					
14	512	G 408	Profile Cutter Grinder	4"	"	1926	Awaji Tenkosho					
15	513	G 410	Double Head Tool Grinder	24"	"	1943	Home made					
16	514	G 411	"	"	"		"					
17	515	G 414	Universal Tool Grinder	6"	"	1944	Osaka Kinai					
18	126	E 74	Hack Sawing Machine	"	G	1919	Edward G. Herbert					
19	127	E 71	"	"	"	1926	Wachino Seiki Edward G. Herbert					
20	128	E 40	"	"	"	"	Herbert					
21	394	E 10	Expansion Ring Cutting Machine	1/2 HP	Wada 3	1938	Home made Ishinawa					
22	395	E 11	Table Power Press	"	"	"	Tenkosho					
23	396	E 13	Small Punching Machine	1 HP	"	1923	Finspong Stal					
24	397	E 14	Plate Disc Punching M.	3 HP	Wada 2	"	"					
25	398	E 15	Disc Punching Machine	"	"	1926	Home made					
26	518	—	Hack Sawing Machine	6"	D	1940	"					
27	549	—	Sensible Drilling Machine	1/2 HP	E	—	"					
28	130	—	"	"	"	—	"					
29	551	—	"	"	"	—	"					
30	709	—	Circular Saw	20"	C	1920	Yamashita Tenkosho					



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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks	No. 1 machine shop	
								Dept	Engine Dept
601	No. 14	Overhead Travelling Crane	5 tons	A	1935	Ishikawajima Seisakusho			
602	No. 12	"	100 tons	B	1941	"			
604	No. 17	"	50 tons	"	1944	Tanaka Kikai			
608	No. 4	"	5 tons	"	1916	Yasuda Tenkosho			
609	No. 1	"	20 tons	D	1926	Lancashire Co.			
610	No. 2	"	15 tons	"	1911	"			
611	No. 10	"	50 tons	"	1920	Ishikawajima Seisakusho			
614	No. 11	"	35 tons	"	1931	Hitachi Seisakusho			
615	No. 3	"	15 tons	"	1909	Royce Co.			
617	No. 8	"	"	"	1920	Yasuda Tenkosho			
618	No. 6	"	1 1/2 tons	G	1908	Home made Hitachi			
619	No. 1	"	2 tons	G3		Seisakusho			
620	No. 2	"	"	"		"			
621		"	"	"		"			
622		"	1 1/2 tons	A		"			
623	No. 1	"	2 tons	Wade 1	1945	"			
624	No. 2	"	"	"	"	"			
625	No. 3	"	"	"	"	"			
626	No. 4	"	"	"	"	"			
627	No. 1	"	1 tons	Wade 2	"	"			
628	No. 2	"	"	"	"	"			
629	No. 3	"	"	"	"	"			
630	No. 4	"	"	"	"	"			
605	No. 18	Wall Side Crane	15 tons	B	1944	Ishikawajima Seisakusho			
606	No. 13	"	"	"		"			
631	No. 10	Hoist	2 tons	E	1945	Hitachi Seisakusho			
632	No. 3	"	"	"	"	"			
633	No. 18	"	"	"	"	"			
634	No. 6	"	"	"	"	"			
635	No. 16	"	"	"	"	"			

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List No.	Machine No.	Machine Name	Size or Capacity	Location	MTJ Date	Manufacturer	Remarks	Dept	Engine Dept	Shop	NO.1 machine Shop	Sheet No.
												2/6
1	636	No. 5 Hoist	2 tons	E	1945	Hitachi Seisakusho						
2	638	No. 1	"	"	1945	"						
3	640	No. 22	"	"	1944	"						
4	641	No. 12	"	D	1944	"						
5	642	No. 24	"	"	—	"						
6	643	No. 7	"	"	—	"						
7	644	No. 21	"	"	—	"						
8	645	No. 9	"	"	—	"						
9	646	No. 8	"	"	—	"						
10	647	No. 13	"	"	—	"						
11	649	No. 20	"	B	—	"						
12	650	No. 15	"	"	—	"						
13	651	No. 4	"	"	—	"						
14	652	No. 19	"	"	—	"						
15	653	No. 11	3 tons	E	1927	"						
16	654	No. 24	2 tons	B	—	"						
17	655	No. 25	"	"	—	"						
18	656	No. 26	"	"	1940	"						
19	660	No. 30	"	Electric Power House	—	"						
20	665	No. 1 Elevator	1 tons	G	1941	—						
21	666	No. 2	"	"	"	—						
22	667	No. 3	2 tons	Wada	1944	—						
23	668	No. 4	"	"	"	—						
24	525	Gear Testing Machine	150 mm φ	Wada	1935	Maag						
25	526	Gear Tooth Profile Testing Machine	"	"	"	"						
26	701	Air Compressor	7 kg/cm <sup>2</sup> 207 m <sup>3</sup> /h	B	1941	Kaji Takasho						
27	702	"	45 kg/cm <sup>2</sup> 50 m <sup>3</sup> /h	D	1927	Home made						
28	703	"	7 kg/cm <sup>2</sup> 150HP	Wada	—	Hitachi Seisakusho						
29	704	Electric Welder	21 KVA	A	1944	"						
30	705	"	23 KVA	"	"	Osaka Henshutsu						



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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks	Dept	Engine Dept	Shop	No. 1 Machine Shop	Sheet No.
												3/6
1	706	Electric Welder	23 KVA	A	1944	Osaka Hanatani						
2	707	"	"	"	"	"						
3	708	"	"	"	"	"						
4	717	Dynamic Balancing Machine	10 tons	E	1943	Akashi Seisakusho						
5	719	"	2 tons	"	"	"						
6	721	Static Balancing Machine	20 tons	"	"	Home made						
7	724	Electric Dynamometer	150 HP	"	"	"	Under Repairs					
8	756	Motor Generator	3 KW 5 HP	E	"	Mitsubishi Denki						
9	757	"	6 KVA 8 HP	"	1927	Shibaura Seisakusho						
10	787	Turbine Pump	30 m <sup>3</sup> /h	C	"	Home made						
11	788	"	60 m <sup>3</sup> /h	"	"	"						
12	789	"	110 m <sup>3</sup> /h	D	"	"						
13	790	"	35 gals/m	G	"	"						
14	792	Condensate Pump	80 m <sup>3</sup> /h	C	"	"						
15	793	"	80 m <sup>3</sup> /h	"	1939	"						
16	794	"	35 m <sup>3</sup> /h	"	"	"						
17	796	Circulating Pump	1400 m <sup>3</sup> /h	D	"	"						
18	797	"	2000 m <sup>3</sup> /h	"	1943	Torishima Seisakusho						
19	798	"	300 m <sup>3</sup> /h	"	"	Home made						
20	799	Centrifugal Pump	50 m <sup>3</sup> /h	"	"	"						
21	800	"	30 m <sup>3</sup> /h	B	"	"						
22	801	"	"	G	1941	"						
23	802	Gear Type Oil Pump	200 m <sup>3</sup> /h	D	"	"						
24	805	"	100 m <sup>3</sup> /h	C	"	"						
25	806	"	15 m <sup>3</sup> /h	E	"	"						
26	807	"	2 m <sup>3</sup> /h	"	"	"						
27	808	"	"	"	"	"						
28	809	"	1 m <sup>3</sup> /h	"	"	"						
29	810	"	200 m <sup>3</sup> /h	C	"	"						
30	813	"	2 m <sup>3</sup> /h	"	"	"						

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg date	Manufacturer	Remarks	Dept	Engine Dept	Shop	No. 1 Machine Shop	Sheet No.
												4/6
1	812	Feed Water Pump	3 m <sup>3</sup> /h	B	—	Homemade						
2	816	Wer's Feed Water Pump	23 m <sup>3</sup> /h	C	—	"						
3	817	Turbine Pump	15 m <sup>3</sup> /h	C	—	"						
4	821	Gas Metalizer	7 kg/cm <sup>2</sup>	"	—	"						
5	527	3-phase A.C. Motor	50 HP	F	—	Mitsubishi Kobe						
6	528	"	"	"	—	General Electric Co.						
7	529	"	"	E	—	Mitsubishi Kobe						
8	530	"	30 HP	C	—	General Electric Co.						
9	531	"	50 HP	F	—	Mitsubishi Kobe						
10	532	"	30 HP	"	—	Hitachi						
11	533	"	15 HP	"	—	"						
12	535	"	"	D	—	Matsushita Denki						
13	536	"	"	"	—	"						
14	537	"	"	"	—	"						
15	539	"	10 HP	"	—	Mitsubishi Denki						
16	540	"	"	"	—	"						
17	543	D. C. Motor	"	"	—	Mitsubishi Kobe						
18	544	3-Phase A.C. Motor	5 HP	"	—	Mitsubishi Denki						
19	545	"	"	"	—	Tokyo Shibaura						
20	546	"	"	"	—	Mitsubishi Denki						
21	547	"	"	"	—	"						
22	548	"	10 HP	"	—	"						
23	758	"	1500/1800 HP	B	1935	"						
24	760	"	500/250 KW	E	1944	"						
25	761	D. C. Motor	250 HP	D	1934	"						
26	762	3-phase A.C. Motor	130 KW	"	1943	"						
27	763	"	85 HP	"	—	"						
28	764	"	50 HP	"	1934	"						
29	765	"	50 HP	E	1940	"						
30	767	D. C. Motor	40 HP	G	—	"						

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List No.	Machine No.	Machine Name	Dept		shop	No 1 Machine Shop	Mfg Date	Manufacturer	Remarks
			Engine	Dept					
1	768	3-Phase A.C. Motor	35	HP	D		1936	Mitsubishi Denki	
2	769	D.C. Motor	30	HP	"			"	
3	770	"	"	"	"	1936	"	"	
4	773	3-Phase A.C. Motor	25	HP	C			"	
5	774	"	20	KW	"			"	
6	775	"	15	HP	"			Okumura Denki	
7	776	"	"	"	B			Sugita Tenkosho	
8	777	"	"	"	C			Mitsubishi Denki	
9	778	"	"	"	"			"	
10	782	"	7.5	KW	"			"	
11	783	"	5	HP	"			Hitechi Seisakusho	
12	784	"	"	"	E			"	
13	785	"	"	"	Wada			Mitsubishi Denki	
14	786	"	150	HP	"			"	
15	901	Boiler	50 kg/cm <sup>2</sup> 450°C	320 m <sup>2</sup> 15 1/2 h	Electric Power House	1944		Home made	
16	902	"	40 kg/cm <sup>2</sup> 600°C	232 m <sup>2</sup> 10 1/2 h	"	1945		"	
17	904	"	200 lbs/sq 1420"		"	1921			
18	916	"			Head Office				
19	920	"	2.8 kg/cm <sup>2</sup>	62.8 m <sup>2</sup>	Mitsubishi Hospital	1935		Takao Tenkosho	
20	922	"	3.5 kg/cm <sup>2</sup>	16.6 m <sup>2</sup>	"			Home made	
21	923	"	70 lbs/sq	22 m <sup>2</sup>	"				
22	924	"	7 kg/cm <sup>2</sup>	2 1/2 h	Pining Hall	1946		Home made	
23	925	"	21 kg/cm <sup>2</sup>	1.5 1/2 h	Foundry Shop			"	
24	913	Sectional Boiler		55.83 m <sup>2</sup>	Head Office				
25	914	"		"	"				
26	917	High Pressure Boiler	2.1 kg/cm <sup>2</sup>	25.8 m <sup>2</sup>	"	1937		Takao Tenkosho	
27	918	"	"	"	"	"		"	
28	903	Generator	3000	KW	Electric Power House	1921		Mitsubishi Denki	
29	910	10HP Motor for Grate Stoker	10	HP	"				
30	908	Feed Pump	7" x 9 1/2" x 21"		"				



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List No.	Machine No.	Machine Name	Dept.		Location	m.f.g. Date	Manufacturer	Remarks
			Engine Dept.	shop				
1	L216	Engine Lathe	Swing	Capacity	Root No.	1944	Mitsubishi Kasakuki	with cut lead screw tail stock
6	L192	"	470	x 2000	4	1941	Toyo Kikai	
7	L194	"	"	"	1	"	"	
8	L167	"	230	x 1700	5	1940	Toho Seiki	
9	L168	"	"	"	5	"	"	
10	L169	"	"	"	5	"	"	
11	L12	"	380	x 1830	6	1916	Le Blond	Lend to Toa Kosakujo
12	L13	"	"	"	6	1916	"	"
13	L16	"	360	x 1830	6	1916	"	
14	L27	"	430	x 1830	6	1916	Lodge & Shipley	
15	L153	"	400	x 2135	6	1936	Reinecker	
16	L195	"	470	x 2000	1	1941	Toyo Kikai	
17	L196	"	"	"	1	"	"	
18	L197	"	"	"	1	"	"	
20	L55	"	460	x 2540	1	1918	Greaves Klusman	Lend to Toa Kosakujo
21	L56	"	"	"	1	1918	"	"
23	L2	"	686	x 9303	2	1918	Niles Beman	
24	L3	"	584	x 3658	2	"	Le Blond	
27	L18	"	406	x 2438	5	1915	Gidding & Lewis	
28	L24	"	"	"	5	1915	"	
29	L25	"	"	"	5	"	"	
30	L34	"	1016	x 11130	1	1917	Bridge Bond Machine Co.	
31	L37	"	584	x 3658	2	1918	Le Blond	
33	L57	"	460	x 2540	1	1918	Greaves Klusman	Lend to Toa Kosakujo
36	L90	"	432	x 2438	5	"	Wakayama Tekkoso	
37	L91	"	"	"	5	"	"	
41	L109	"	368	x 2438	3	1919	Fay & Egan Co.	
42	L110	"	"	"	3	"	"	
43	L111	"	"	"	3	"	"	
47	L150	"	1392	x 9144	1	1934	Karatsu Tekkoso	

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List No.	Machine No.	Machine Name	Size or Capacity	Location	mfg. Date	Manufacturer	Remarks	Dept.	Engine Dept.	shop	No. 2 Machine Shop	Sheet No.
												2/6
1	48	L151	Engine Lathe	712 x 5918	2	1934	V. D. F.					
2	49	L152	"	480 x 3048	4	1936	Reinecker Lodge & Snipley					
3	50	L154	"	780 x 3050	2	1937						
4	51	L155	"	470 x 2650	3	1939	Tōyō Kikai					
5	52	L156	"	"	3	"	"					
6	53	L157	"	1016 x 6300	2	1939	Okuma Tekkosho					
7	54	L160	"	640 x 5570	2	1940	Osaka Kikai Seisakusho					
8	55	L161	"	"	2	"	"					
9	58	L164	"	920 x 5500	2	1942	Nippon Jukogyo Kabushiki Kaisha					
10	64	L177	"	470 x 2650	3	1941	Tōyō Kikai					
11	65	L179	"	"	3	"	"					
12	66	L181	"	"	3	"	"					
13	67	L182	"	"	3	"	"					
14	68	L183	"	"	4	1942	"					
15	69	L184	"	"	4	"	"					
16	70	L185	"	"	4	"	"					
17	71	L186	"	"	4	"	"					
18	72	L187	"	"	4	"	"					
19	73	L188	"	"	4	"	"					
20	74	L189	"	"	4	"	"					
21	75	L190	"	"	4	"	"					
22	76	L191	"	"	4	"	"					
23	77	L200	"	1020 x 6250	2	"	Osaka Kikai Seisakusho					
24	78	L201	"	1500 x 9200	1	1944	Dainippon Kōki Kabushiki Kaisha					
25	79	L203	"	820 x 5400	3	1943	Osaka Kikai Seisakusho					
26	80	L204	"	"	3	"	"					
27	81	L205	"	840 x 5560	3	1945	Mitsubishi Kosakuki Shūen					
28	83	L209	"	636 x 3660	4	1943	Kosakujo					
29	84	L210	"	"	4	"	"					
30	85	L211	"	"	4	"	"					

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List No.	Machine No.	Machine Name	Size or Capacity	Location	m.f.g. Date	Manufacturer	Remarks	Dept.		Shop	No. 2 Machine Shop	Sheet No.
								Engine Dept.				3/6
86	L212	Engine Lathe	636 x 3660	4	1943	Shoun Kosakujo						
87	L214	"	"	4	1944	"						
88	L175	"	470 x 2650	1	1941	Toyo Kikai						
90	L114	"	368 x 2438	3	1919	Fay & Egan Co.						
91	L174	"	470 x 2650	3	1941	Toyo Kikai						
92	L158	Crank Pin Lathe	Maximum cutting dia meter 720	1	1939	Subless Defras						
94	TL13	Turret Lathe	Swing x Length x Spindle dia 520 x 2438 x 89	1	1940	Mitsubishi Kobo Ship Yard						
95	TL14	"	450 x 1790 x 52	1	1941	Hitachi Seiki						
96	TL15	"	"	1	"	"						
97	TL16	"	410 x 1630 x 36	1	1942	"						
98	TL17	"	"	1	"	"						
99	TL18	"	520 x 2360 x 66	1	1945	Kikukawa Tekkoshu						
101	T 1	Vertical Boring & Turning Machine	Table dia 1320	2	1918	Niles						
103	T 5	"	1220	2	1938	Webster & Bennett						
104	T 6	"	1240	2	1942	Osaka Kikai Seisakusho						
105	T 7	"	"	2	"	"						
106	Sm 8	Centering Machine	Max dia 75	5	1922	Karatsu Tekkoshu						
107	B 5	Horizontal Boring Machine	Spindle dia 170	1	1920	Osaka Kisha Seien Kaisha						
111	B 17	"	102	3	1934	HW Kearns						
112	B 18	"	90	1	1938	Karl Weyl						
113	B 19	"	87	3	1939	Karatsu Tekkoshu Hirose						
114	B 20	"	64	3	1941	Tekkoshu Okuma						
115	B 21	"	90	3	1942	Tekkoshu						
116	B 22	"	102	3	1944	"						
117	B 23	"	"	3	"	"						
119	B 26	Vertical Boring Machine	250	1	1945	Mitsubishi Kobo Ship Yard						
120	DR 1	Radial Drilling Machine	Max Radius 1174	2	1917	Cincinnati						
121	DR 18	"	1500	3	1919	"						
122	DR 26	"	1207	3	1929	"						
123	DR 27	"	1168	2	1934	"						

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List No.	Machine No.	Machine Name	Size or Capacity	Location	mfg. Date	Manufacturer	Remarks	Dept.		Steel No.
								Engine Dept.	shop	No. 2 Machine Shop
125	DR 29	Radial Drilling Machine	2130	1	1935	Raboma				
126	DR 32	"	1640	2	1938	"				
127	DR 34	"	970	4	1940	Dreses				
128	DR 35	"	680	4	1937	"				
129	DR 40	"	575	2	1941	Wakayama Tekkosho				
130	DR 45	"	1000	3	"	"				
131	DR 47	"	1250	3	"	"				
132	DR 41	"	575	2	"	"				
134	D 5	Upright Drilling Machine	178	4	1917	Cincinnati	Lent to Tsa Kosakujo			
136	D 33	"	355	4	1938	Yadogawa Kikai Seisakusho				
137	D 8	"	125	4	1917	Le Blond				
138	D 16	"	267	4	1918	Sibley				
141	D 37	Sensitive Drilling Machine	290	2	1937	Hitachi Seisakusho				
142	D 38	"	"	2	"	"				
143	D 39	"	280	4	1940	Koide Seisakusho				
145	D 43	"	350	2	1941	Hitachi Seisakusho				
146	D 44	"	"	2	"	"				
147	D 49	Multiple Upright Drilling Machine	650	4	1944	Mitsubishi Kosakuki				
148	D 50	Double spindle Drilling Machine for deep hole	600	3	1945	"				
150	G 45	Horning Machine	180	5	1944	Barnes				
153	G 19	"	50	5	1918	Universal				
154	G 47	"	8.73-22.2	5	1940	Microtelitline				
171	G 3	Internal Grinder	Diameter x Length 1.78 x 356	2	1917	Heald				
172	G 4	"	203 x 380	5	"	"				
173	G 34	"	1219 x 1067	3	1934	Karatsu Tekkosho				
174	G 44	"	430 x 872	3	1943	Maxous Union Karatsu				
175	G 37	"	380 x 310	4	1939	TeKKosho				
176	G 13	Universal Grinder	Swing x Between Center 330 x 955	5	1917	Brown & Sharpe				
177	G 24	"	432 x 723	6	1919	Landis				
178	G 26	"	316 x 813	5	1918	Fitchburg				



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List No.	Machine No.	Machine Name	Size or Capacity	Location	mfg. Date	Manufacturer	Remarks	Dept.	Engine Dept	shop	No. 2 Machine Shop	Sheet No.
												5/6
179	G 36	Universal Grinder	305 x 1230	4	1939	Kamenick Co.						
181	G 35	"	250 x 800	6	1936	Reinecker						
182	G 6	Plain Grinder	533 x 2286	2	1917	Norton						
184	G 30	Surface Grinder	width x length 203 x 483	5	1920	Persons	with rotary table					
237	G 41	"	520 x 1340	3	1946	Washino Seiki Kaisha						
185	G 18	Cam Grinder	254φ	6	1918	Landis						
186	G 46	"	Max. dia 200φ	4	"	Reinecker						
187	G 16	Ball Grinder	100φ	5	1920	Van Norman						
238	G 209	Universal Tool & Cutter Grinder	Center distance 24 inches	6	1925	Karatsu Tekkoshu						
240	G 204	Tool Grinder	dia of grinding wheel 12φ inches	6	1917	Polland						
241	G 206	Tool & Cutter Grinder	Center distance 12 inches	6	"	Ingersoll Nippon						
242	G 205	"	10"	6	"	Tekkoshu						
244	G 208	Tool Grinder	dia of grinding wheel 26φ	5	1920	Mitsubishi Kobe Ship Yard						
245	G 203	"	6φ	5	1918	Gleason						
246	G 207	"	24φ	5	1920	Mitsubishi Kobe Ship Yard						
247	G 210	"	24"	5	1943	"						
248	G 405	"	24"	2	1922	Alfred Herbert						
155	P 2	Planing Machine	height x width x length 1250 x 1065 x 3530	1	1918	Niles-Bremend						
157	P 7	"	1410 x 813 x 3660	1	1919	Lincoln						
158	P 8	"	890 x 787 x 2440	3	"	Ohio						
159	P 10	"	1600 x 1370 x 4870	1	1944	Karatsu Tekkoshu						
160	S 4	Shaping Machine	Max. stroke 610	5	1918	Cincinnati						
161	S 5	"	510	5	"	Ikegai Tekkoshu						
162	S 8	"	"	5	"	"						
163	SL 1	Slotting Machine	457	2	"	Drill Machine						
165	SL 5	"	203	4	"	Wakayama Tekkoshu						
166	SL 6	"	"	4	"	"						
167	SL 11	"	457	2	1919	Drill Machine Mikawa						
168	SL 12	"	305	4	1922	Tekkoshu						
169	SL 15	"	420	2	1942	Osaka Kikai Seisakusha						

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List No.	Machine No.	Machine Name	Size or Capacity	Location	mfg. Date	Manufacturer	Remarks	Dept.	Engine Dept.	Shop	No. 2 Machine Shop	Sheet No.
												6/6
170	SL 7	Slotting Machine	205	4	1918	Wakayama Tekkosho						
188	M 17	Horizontal Milling Machine	#4	2	1919	Cincinnati						
189	M 29	"	#3	5	"	Ryerson						
190	M 32	"	#4	3	1940	Okuma Tekkosho						
191	M 34	"	#3	3	1941	Osaka Kiko Kabushiki Kaisha						
192	M 37	"	#3	2	1943	Toyo Kikai						
194	M 43	"	#2	3	"	Wakayama Tekkosho						
196	M 31	Vertical Milling Machine	#3	3	1939	Cincinnati						
197	M 33	"	#2	3	1940	Osaka Kiko						
198	M 35	"	#3	3	1941	"						
199	M 36	"	#3	3	1943	Toyo Kikai						
200	M 37	"	#3	3	"	"						
201	M 38	"	#5	2	"	"						
203	M 44	"	#2	5	1945	Osaka Kiko	Simplified type in war					
206	M 9	Universal Milling Machine	#3	3	1918	Cincinnati						
208	M 19	"	#2	5	1919	"						
209	M 10	Planer Milling Machine	330x955	3	"	Ingersoll						
210	M 30	Cam Milling Machine	Max. dia 200	5	1930	Alfred H. Schutte						
217	M 41	Thread Milling Machine	Max. cutting dia 180	5	1944	Tsugami-Alaka Seisakusho						
217	SAW 4	Hack Saw Machine	Max. work dia 76	5	1917	Herbert Co.						
218	SAW 5	"	152	4	"	Okuma Tekkosho						
219	PP 1	Other Sawing Machine	76	5	"	Davis						
220	PP 3	"	140	5	1918	"						
221	Sm 6	Oil grooving Machine	280	5	1922	Yamatate Tekkosho						

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List No.	Machine No.	Machine Name	Size or Capacity	Dept.		Location	m.f.g. Date	Manufacturer	Remarks
				Engine Dept.	shop				
222		Air Compressor	70 kg/cm <sup>2</sup> 45HP			1	1921	Mitsubishi Kabe Ship Yard	
223		"	150 kg/cm <sup>2</sup> 50HP			1	1939	Toyo Seiki	
224		"	7 kg/cm <sup>2</sup> 75HP			2	1938	Hitachi Seisakusho	
225		Gas Producer	850 l			Copper Smith Shop	1940	Mitsubishi Kabe Ship Yard	
227	2	Overhead Travelling Crane	35 ton			1	1938	Hitachi Seisakusho	
228	3	"	25 ton			1	"	Ishikawajima Ship Yard	
229	5	"	20 ton			2	1921	"	
230	4	"	10 ton			1	1918	"	
231	6	"	5 ton			2	1921	"	
232	9	"	"			3	1940	Hitachi Seisakusho	
233	10	"	"			4-5	"	"	
234	11	"	"			6-7	1942	Tanaka Kikai	
235	12	"	"			3	1944	"	
249	8	"	3 ton			2	1918	Ishikawajima Ship Yard	
252	2	Dynamometer	8500 HP			1	1923	Denmark	
255	5	"	1500 HP			1	1942	Tokyo Kabi Seisakusho	
256	6	"	"			1	"	"	
257	7	"	4000 HP			1	"	"	
258	8	"	1500 HP			1	1925	Heaman Toudo	
259	9	"	"			1	"	"	
260	10	"	"			1	1926	Mitsubishi Kabe Ship Yard	
261	11	"	"			1	1944	"	
262	12	"	"			1	"	"	
263	13	"	4500 HP			1	1920	"	
264	14	"	1000 HP			1	1927	Heaman	
265		Centrifugal Turbine Pump	150 ton/hr			1	1934	Teikoku Seiki	
266		"	147 ton/hr			most outside of roof 3	"	"	
268		Brinell Hardness Tester	3,000 kg			6	1923	"	
269		Magna Flux Testing Machine	200V x 20A			6	1938	Yokoyawa Denki Mitsubishi	
270	24	Motor	15 HP			4	1918	Denki	

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List No	Machine No	Machine Name	Size or Capacity		Location	Mfg Date	Manufacturer	Remarks
			Swing	Bed length				
1	L 33	Engine Lathe	370 <sup>mm</sup>	6'-0"	B	1919	Osaka Kishakaisha	
2	L 403	"	360 <sup>mm</sup>	6'-0"	B	"	"	
3	L 404	"	"	"	B	"	"	
4	L 408	"	374 <sup>mm</sup>	6'-0"	B	"	"	
5	L 409	"	362 <sup>mm</sup>	6'-0"	B	1939	Okuma Tokko	
6	L 405	"	430 <sup>mm</sup>	6'-6"	B	1939	Riken	
7	L 406	"	"	"	B	1939	"	
8	L 402	"	436 <sup>mm</sup>	6'-6"	B	1938	"	
9	L 58	"	318 <sup>mm</sup>	5'-0"	B	1945	Okuma Tokko	
10	L 54	"	"	"	B	1944	"	
11	L 46	"	362 <sup>mm</sup>	6'-0"	B	1939	"	
12	L 30	"	"	"	B	"	"	
13	L 29	"	"	"	B	"	"	
14	L 22	"	400 <sup>mm</sup>	6'-0"	B	1934	Shoun Kosakusho	
15	L 34	"	376 <sup>mm</sup>	8'-0"	B	1919	Fey & Aigan	
16	L 413	"	424 <sup>mm</sup>	2000 <sup>mm</sup>	B	1939	Toyo Kikai	
17	L 412	"	"	"	B	"	"	
18	L 38	"	380 <sup>mm</sup>	6'-0"	B	1918	Roku-Roku Shokai	
19	L 37	"	"	"	NO. 9 Store Room	1918	"	
20	L 414	"	424 <sup>mm</sup>	2,000 <sup>mm</sup>	B	1939	Toyo Kikai	
21	L 410	"	440 <sup>mm</sup>	6'-0"	B	"	"	
22	L 411	"	424 <sup>mm</sup>	2,000 <sup>mm</sup>	B	"	"	
23	L 511	"	420 <sup>mm</sup>	8'-0"	B	1936	Gkegaki Tehkosho	
24	L 514	"	"	"	B	1939	"	
25	L 24	"	436 <sup>mm</sup>	8'-0"	B	"	"	
26	L 23	"	410 <sup>mm</sup>	8'-0"	B	1942	"	
27	L 20	"	424 <sup>mm</sup>	8'-0"	B	1932	Toyo Kikai	
28	L 45	"	424 <sup>mm</sup>	6'-0"	B	1941	"	
29	L 510	"	480 <sup>mm</sup>	8'-0"	B	1934	Shoun Kosakusho	
30	L 47	"	406 <sup>mm</sup>	8'-0"	B	1919	Fey & Aigan	

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List No	Machine NO	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks
31	L 28	Engine Lathe	486 <sup>mm</sup> x 8'-0"	B	1936	Shoun Kosakusho	
33	L 512	"	530 <sup>mm</sup> x 8'-0"	B	1936	Nippatsu Seiki	
34	L 24	John Lang Lathe	528 <sup>mm</sup> x 8'-0"	B	1919	Yasuda Tekkoshu	
35	L 43	Engine Lathe	380 <sup>mm</sup> x 8'-0"	B	1919	Monarch M Co	
36	L 27	"	420 <sup>mm</sup> x 8'-0"	C	1921	"	
37	L 26	"	400 <sup>mm</sup> x 8'-0"	C	1919	Le. Blond	
38	L 50	"	606 <sup>mm</sup> x 9'-0"	C	1918	Niigata Tekkoshu	
39	L 9	"	680 <sup>mm</sup> x 9'-0"	C	"	"	
40	L 7	"	"	C	"	"	
41	L 507	"	350 <sup>mm</sup> x 6'-0"	C	1939	Nakajima Tekkoshu	
42	L 508	"	"	C	"	"	
43	L 509	"	"	C	"	"	
44	L 44	"	424 <sup>mm</sup> x 6'-0"	C	1941	Toyo Kikai	
46	L 18	Face Lathe	624 <sup>mm</sup> x 7'-0"	C	1940	Osami Tekkoshu	
48	L 16	Engine Lathe	530 <sup>mm</sup> x 10'-0"	D	1940	Kawajiri Tekkoshu	
49	L 17	"	482 <sup>mm</sup> x 10'-0"	D	"	Wakayama Tekkoshu	
51	L 13	"	620 <sup>mm</sup> x 12'-0"	C	1945	Shoun Kosakusho	
52	L 14	"	"	C	"	"	
53	L 1	"	820 <sup>mm</sup> x 16'-0"	D	"	Osaka Kikai Seisakusho	
55	L 48	Crank-pin Lathe	634 <sup>mm</sup> x 13'-6"	C	1920	John Stirk & Sons LTD	
56	L 4	Engine Lathe	914 <sup>mm</sup> x 15'-0"	D	1919	Niigata Tekkoshu	
58	L 5	"	712 <sup>mm</sup> x 15'-0"	D	"	"	
59	L 601	"	620 <sup>mm</sup> x 12'-0"	C	1933	Osami Tekkoshu	
60	L 6	"	590 <sup>mm</sup> x 14'-0"	C	1918	Wakayama Tekkoshu	
61	L 11	"	646 <sup>mm</sup> x 12'-0"	C	"	Niigata Tekkoshu	
62	L 8	"	"	C	"	"	
63	L 10	"	"	C	"	"	
64	L 49	Crank-Shaft Lathe	788 <sup>mm</sup> x 13'-6"	Store Room	1933	Schiess Defries	
65	L 55	Sheet Lathe	840 <sup>mm</sup> x 7'-0"	"	1913	John Lang	
66	L 22	Thread Cutting Lathe	410 <sup>mm</sup> x 8'-0"	B	1937	Ikegaki Tekkoshu	

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		Dept	Engine Dept	Shop	No. 3 Machine Shop	Sheet No	
List No	Machine No	Machine Name	Size or Capacity	Location	My Date	Manufacturers	Remarks
1	67 L-25	John Lang Lathe	528 <sup>mm</sup> x 8'-0"	B	1920	Yasuda Tekko sho	
2	69 L 39	Engine Lathe	326 <sup>mm</sup> x 6'-0"	No. 7 Store Room	1918	Alfred Herbert	
3	70 L 40	"	380 <sup>mm</sup> x 6'-0"	"	1918	Roku Roku Shokai	
4	71 L 42	"	300 <sup>mm</sup> x 6'-0"	"	"	Willard	
5	72 L 51	War. Type Lathe	450 <sup>mm</sup> x 10'-0"	B	1945	Ikegaki Tekko sho	
6	73 L 52	"	420 <sup>mm</sup> x 5'-8"	A	1944	Mitsubishi Kosaku Kikai	
7	74 L 53	"	350 <sup>mm</sup> x 4'-8"	A	"	Shimamoto Tekko sho	
8	75 L 56	"	"	A	"	"	
9	76 L 57	"	300 <sup>mm</sup> x 4'-0"	A	"	Osumi Tekko sho	
10	78 L 35	Face Lathe	620 <sup>mm</sup> x 6'-0"	No. 7 Store Room	1917	Ikegaki Tekko sho	
11	79 TL 1	No. 2. L High Production Turret Lathe	Spindle Dia x Swing x Bed L 105 x 480 x 12'-0"	A	1940	Gisholt	
12	80 TL 2	No. 2. A Universal Hollow Hexagon Turret Lathe	99 x 520 x 8'-0"	A	1938	Warner & Swasey	
13	81 TL 3	"	"	A	1940	Home made	
14	82 TL 4	"	"	A	1941	Terashima Kikai	
15	83 TL 9	No. 4 High Speed Turret Lathe	506 x 366 x 5'-0"	A	1935	Alfred Herbert	
16	87 TL 7	No. 2 All Universal Turret Lathe	95 x 520 x 8'-0"	A	1929	Warner & Swasey	
17	88 TL 603	No. 2. Rum type Turret Lathe	94 x 410 x 8'-0"	A	1941	Terashima Kikai	
18	89 TL 5	No. 2 All Universal Hollow Hexagon Turret Lathe	92 x 536 x 8'-10"	A	"	"	
19	90 TL 204	No. 3. Rum Type Turret Lathe	36 x 410 x 5'-0"	A	1940	Kokusan Seiki	
20	91 TL 11	"	"	A	"	"	
21	92 TL 14	"	19 x 390 x 6'-0"	No. 7 Store Room	1918	Roku Roku Shokai	
22	93 TL 13	"	35 x 350 x 6'-0"	A	1945	Corall Jamison	
23	94 TL 12	"	29 x 330 x 6'-0"	B	"	Gabe	
24	180 (T) L 39	Engine Lathe	290 <sup>mm</sup> x 1000 <sup>mm</sup>	D	"	Fujii Seisakusho	
25	181 (T) L 37	"	310 <sup>mm</sup> x 1420 <sup>mm</sup>	D	1944	Osumi Tekko sho	
26	182 (T) L 38	"	"	D	"	"	
27	183 (T) L 33	Releasing Lathe	480 <sup>mm</sup> x 2000 <sup>mm</sup>	D	"	Toyo Kikai	
28	184 (T) L 29	Engine Lathe	430 <sup>mm</sup> x 2650 <sup>mm</sup>	D	1941	"	
29	185 (T) L 30	"	430 <sup>mm</sup> x 2000 <sup>mm</sup>	D	1943	"	
30	186 (T) L 32	"	"	D	"	"	

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List No	Machine No	Machine Name	Size or Capacity	Location	Mfg. Date	Manufacturer	Remarks	Dept	Engine Dept	Shop	No. 3. Machine Shop	Sheet No
												4/10
1	188 (T) L 40	Bench Lathe	180 <sup>mm</sup> x 900 <sup>mm</sup>	B	1945	Naigai Seiki						
2	189 (T) L 41	"	"	B	"	"						
3	190 (T) L 42	"	"	B	"	"						
4	191 (T) L 10	Engine Lathe	180 <sup>mm</sup> x 3'-0"	D	1935	Kashitaji Tekkoshu						
5	192 (T) L 22	Releasing Lathe	490 <sup>mm</sup> x 6'-0"	D	1929	Reinecker						
6	193 (T) L 31	Tool Room Lathe	490 <sup>mm</sup> x 8'-0"	D	1941	Lodge & Shipley						
7	194 (T) L 1	Engine Lathe	640 <sup>mm</sup> x 12'-0"	Wada Store Room	1918	Niigata Tekkoshu						
8	199 (T) L 6	"	390 <sup>mm</sup> x 6'-0"	D	1919	Takejawa Tekkoshu						
9	200 (T) L 7	"	"	D	1918	Karada Tekkoshu						
10	202 (T) L 9	"	"	Wada Store Room	1914	"						
11	203 (T) L 11	"	406 <sup>mm</sup> x 2438 <sup>mm</sup>	"	1917	Giddings Lewis						
12	209 (T) L 18	"	210 <sup>mm</sup> x 6'-0"	"	1919	Osaka Kisha-Kaisha						
13	212 (T) L 22	"	596 <sup>mm</sup> x 1915 <sup>mm</sup>	"	1918	Nippon Tekkoshu						
14	214 (T) L 24	"	390 <sup>mm</sup> x 6'-0"	"	1919	Osaka Kisha-Kaisha						
15	215 (T) L 25	"	360 <sup>mm</sup> x 6'-0"	"	1912	American Tool Co.						
16	216 (T) L 26	"	440 <sup>mm</sup> x 8'-0"	"	1919	Wakayama Tekkoshu						
17	217 (T) L 27	"	"	"	"	"						
18	218 (T) L 28	"	"	"	"	"						
19	221 (T) L 36	"	430 <sup>mm</sup> x 1700 <sup>mm</sup>	"	1918	"						
20	334 TL 312	High Speed Turret Lathe	44 x 340 x 6'-0"	Wada	1919	Niigata Tekkoshu						
21	335 TL 401	No. 4 Capstan Lathe	51 x 340 x 6'-0"	"	1908	Alfred Herbert						
22	336 TL 402	High Speed Turret Lathe	60 x 404 x 8'-0"	"	1917	Miltholand						
23	337 TL 501	"	"	"	"	Acme						
24	338 TL 502	"	"	"	"	"						
25	339 TL 503	No. 2 Hexagon Turret Lathe	"	"	1912	Alfred Herbert						
26	340 TL 504	"	"	"	1919	Niigata Tekkoshu						
27	342 TL 506	"	"	"	1907	Alfred Herbert						
28	343 TL 507	High Speed Turret Lathe	"	"	1919	Niigata Tekkoshu						
29	344 TL 508	Turret Lathe	6'-0"	Wada Store Room	1917	American Tool Co.						
30	345 TL 601	"	12'-0"	Wada	1918	Gisholt						





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List No	Machine No	Machine Name	Size or Capacity	Dept		Mfg Date	Manufacturer	Remarks
				Engine Dept	Shop			
						No. 3 Machine Shop		Sheet No 570
346	TL602	No 4 Hexagon Turret Lathe	94 x 470 x 9' ~ 6"		Wada	1908	Alfred Herbert	
347	TL604	Turret Lathe	9' ~ 0"		"	1944	Kikugawa Tekko	
348	TL605	"	"		"	"	"	
349	TLA501	Automatic Screwing Machine	2 3/4" x 10 1/4" x 7' ~ 0"		"	1907	Alfred Herbert	
350	TLA502	"	1 3/8" x " x 6' ~ 0"		"	1908	"	
351	TLA503	Automatic 4 Spindle Screwing Machine	3" x " x 6' ~ 0"		"	1919	National Acme	
352	TLA504	"	"		"	1917	"	
353	TLA505	"	"		"	1919	"	
354	TLA506	8" Gridly Automatic Turret Lathe	5 1/8" x " x 4' ~ 8"		"	1911	Windsor	
355	TLA507	6" Gridly Automatic Turret Lathe	"		"	1917	National Acme	
356	TLA508	"	"		"	1920	"	
357	TLA509	"	"		"	1918	"	
358	E1	Chamfering Machine	Spindle 1		"	1913	Brown	
359	E7	"	Spindle 2		"	1906	Home Made	
362	E3	Tapping Machine	Spindle 1		Wada Store Room	1908	Andrews	
364	E5	"	Spindle 4		Wada	1918	Andrews	
95	T6	Turning Mill	Max dia x Max height 1550 x 1100		D	1945	Ebara Seisakusho	
96	T1	"	Max dia x Max height 1560 x 1320		D	1938	Hibi Tekkoshu	
97	T5	"	1100 x 700		C	1918	Osaka Kisha Kaisha	
99	T4	"	885 x 600		C	1920	Gisholt	
100	D5	Radial Drilling Machine	max movement x max height 1040 x 1457		E	1943	Wakayama Tekko	
101	D6	"	1060 x 1350		E	1920	Lyerson	
102	D8	"	"		E	"	"	
103	D11	3 Spindle Sensitive Drilling Machine	3/4 HP x 3		E	1939	Mitsubishi Denki	
104	D12	Upright Drilling Machine	max movement x max height 600 x 117		E	1919	Alfred Herbert	
107	D1	Radial Drilling Machine	1270 x 1650		E	1934	Automatic Machine Tool Co.	
108	D3	"	1168 x 635		E	1929	Raboma	
110	D15	Upright Drilling Machine	340 x 668		E	1935	Barnes Drill Co.	
111	D16	"	240 x 1118		E	1939	Kodogawa Kikai	
225	(D) D1	Vertical Drilling Machine			Hirohata Kinzoku	1917	Iwata Kyudai	Lending

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List No	Machine No	Machine Name	Size or Capacity	Dept		Mfg Date	Manufacturer	Remarks
				Engine Dept	Shop			
112	D 18	Upright Drilling Machine	max. height 700		E	1945	Mitsubishi Kosako Kikai	
113	D 7	Radial Drilling Machine	max. movement x max. height 1047 x 1457		D	1941	Wakayama Tekkoshu	
114	D 4	"	"			1943		
116	D 9	Horizontal Drilling Machine	1170 x 1299		No 7 Store room	1911	Kubota Tekkoshu	
117	D 17	Flange Drilling Machine	Swing 20"			1919	IKagai Tekkoshu	
222	(T) D 5	Sensitive Drilling Machine	Table 250 x 220			1918	Osaka Kisha Kaisha	
223	(T) D 6	"	380 x 290		C	1938	Washino Shoten	
224	(T) D 7	Radial Drilling Machine	max. mov. x max height 1000 x 700			1941	IKagai Tekkoshu	
226	(T) D 2	Sensitive Drilling Machine	Table 500 #		A	1920	Roku roku Shokai	
118	B 8	No 4 Horizontal Boring Machine	No 4		E	1944	Osumi Tekkoshu	
120	B 10	No 3	No 3					
122	B 4	No 3 Kearns Boring Machine				1918	Karatsu Tekkoshu	
123	B 3	"						
124	B 2	"				1919		
125	B 1	"						
127	FB 1	Fine Boring Machine	max. height 787		F	1935	Krause	
229	(T) E 6	Jig Boring Machine	Spindle rpm 1250		B	1938	Genevros	
230	(T) E 7	"				1945	Mitsui Sei Ki	
129	M 24	Vertical Milling Machine	No 2		D	1939	Iwasa Tekkoshu	
132	M 1	"			C	1940	Cincinnati	
133	M 2	"				1941	Osumi Tekkoshu	
134	M 3	"						
135	M 4	"				1944		
136	M 5	"						
137	M 23	"	No 1			1919	Becker	
139	M 21	High Speed War Type Vertical Milling Machine	No 2			1945	Osaka Kiko	
140	M 8	Vertical Milling Machine	No 3			1944	Osumi Tekkoshu	
141	M 9	Vertical Milling Machine	"					
144	M 29	"	No 2			1943	Karatsu Tekkoshu	
145	M 14	Universal Milling Machine				1918	Awaji Tekkoshu	

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List No	Machine No	Machine Name	Size or Capacity	Location	Mfg Date	Manufacturer	Remarks	Dept			Sheet No
								Engine Dept	Shop	No. 3 Machine Shop	8/10
146	M12	Horizontal Milling Machine	No 2	C	1918	Niigata Tokko					
147	M13	"	"	C	1904	Lude Lowes					
148	M31	Vertical Milling Machine	No 3	B	1933	Cincinnati					
149	M26	Horizontal Milling Machine	No 2	B	1945	Karatsu Tekko					
150	M15	"	No 3	B	1935	Milwaukee					
151	M19	Planer Type Milling Machine	Table 750 x 2750	D	1929	Kendal & Galt					
152	M20	"	720 x 2350	D	1935	Reinelder					
231	(T)M1	Vertical Milling Machine	No 1	D	1941	Osaka kiko					
232	(T)M5	Universal Milling Machine	No 1	D	1942	Osumi Tekkoku					
234	(T)M9	Universal Tool Milling Machine	No 0	D	1944	Riken Kagyo					
235	(T)M2	Universal Milling Machine	No 1	C	1926	Ikegai Tekkoku					
236	(T)M3	"	"	Wada Store Room	1919	"					
240	(T)M10	"	"	"	1920	Becker					
367	M211	Horizontal Milling Machine	No 2	Wada Branch	1918	Niigata Tekkoku					
368	M212	"	"	"	1918	"					
369	M302	"	No 3	"	1932	Nagasaki Joensho					
237	M4	Vertical Milling Machine	No 2	Hirohata Kinzoku No 7 Store Room	1919	Cincinnati	Lending				
416	M11	"	No 3	"	1920	W.B. Knight					
153	G2	Shaft Grinder	D x L 260 x 2490	F	1913	Norton					
154	G5	Internal Grinder	166 x 305	F	1934	Heald					
155	G4	"	368 x 184	F	1921	"					
157	G3	Universal Grinder	200 x 530	F	1940	Naras Union					
158	G6	Surface Grinder	406 x 295	F	1927	Arter					
159	G7	Spline Shaft Grinder	210 x 140 x 130	F	1933	Fritz Werner					
160	G10	Crank Pin Grinder	"	No 7 Store Room	1932	Norton					
176	E2	Double Head Grinder	Stone dia 500	Material Store Room	1921	"					
241	(T)G7	Universal Grinder	10"	C	1911	Tsugami Atake					
242	(T)G3	Surface Grinder	7"	C	1936	Brown Sharp					
245	(T)G10	Double Head grinder	24"	C	1945	Taiyo Chuko					
249	(T)G606	"	17"	Wada Store Room	1919	Home Made					

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List No	Machine No	Machine Name	Size or Capacity	Dept		Mfg Date	Manufacturer	Remarks
				Engine Dept	Shop			
250	(D) G604	Twist Drill Grinder	Stone dia 8"		E	1943	Osaka Seisakusho	
252	(T) G601	Universal Tool Grinder	6"		E	1918	Wilman's	
253	(T) G602	"	6"		E	1919	Cincinnati	
243	(T) G607	Profile Grinder	Stone dia 8"		C	1945	Washino Shoten	
244	(T) G9	Cylindrical Grinder	D x L 75 x 220		C	1945	Mitsubishi Kosaku	
246	(T) G6	Internal Grinder	Stroke 100 x 200		C	1939	Okamoto Seisakusho	
247	(T) G5	Universal Grinder	250 x 600		C	1915	Fotan	
248	(T) G4	"	200 x 300		C	1934	"	
254	(T) G1	Grinder	Stone dia 18"		E	1913	Home made	
255	(T) G2	Double Head Grinder	24"		E	1943	"	
256	(T) G8	Thread Grinder	D x L 200 x 300		C	1939	Herbert Linden	
281		Profile Grinder	Stone dia 10"		F	1924	Fisherman	
398		Angle Grinder	2801 x 1200		F	1945	Okuma Tekkoshu	
401		"	6"	No2 Machine shop		1945	Mitsubishi Kosaku Co	
161	P1	Planing Machine	1100 x 2800 x 1050		D	1919	Redman and Sons	
162	P4	"	1220 x 4000 x 1300		D	1944	Nanbo Tekkoshu	
257	(T) P1	"	650 x 2000 x 450	Wada Store room		1919	Hanjo Tekkoshu	
164	S1	Shaper	610 x 492 x 407		B	1913	Wakayama Tekkoshu	
165	S1	"	585 x 470 x 254		B	1919	Gold & Eberhart	
167	S2	"	610 x 305 x 375		B	1919	Milwaukee	
168	S3	"	635 x 520 x 270	No7 Store room		1918	"	
258	(T) S1	"	24' x 18" x 10"		C	1943	Nakagawa Seisakusho	
259	(T) S5	"	20' x 16' x 10"		C	1945	"	
261	(T) S3	"	20' x 15' x 10"	Wada store room		1919	Wakayama Tekkoshu	
262	(T) S4	"	16' x 12' x 7'			1919	"	
169	SL5	Slotting Machine	Table dia x max stroke 610 x 254		B	1943	Osaka Kikai	
170	SL2	"	795 x 305		B	1913	Wakayama Tekkoshu	
172	SL4	Automatic Slotting Machine	360 x 120		B	1944	Hiraiwa Tekkoshu	
173	SL1	Slotting Machine	795 x 305		B	1918	Wakayama Tekkoshu	
263	(T) SL3	"	480 x 230		C	1940	Hirao Tekkoshu	

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List No.	Machine No.	Machine Name	Size or Capacity	Dept.		Mfg Date	Manufacturer	Remarks
				Engine Dept	Shop			
1	399	Oil Separator	1 HP 500 mm		B	1931	Hishimi Denki	
2	402	Pump	10 HP		F	1945	Home made	
3	405	Balancing Table	450 <sup>c</sup> m		D	1940		
4	407	Dynamometer	100 HP		F	1934	Tokyo Meidensha	
5	374	Electric Furnace	max temp 1300 <sup>c</sup>		Forging shop	1937	Fuji Denro Kogyo	
6	375	Town Gas Furnace	1000 <sup>c</sup>			1929	Home made	
7	377		800 <sup>c</sup>			1926		
8	378		500 <sup>c</sup>			1927		
9	379		300 <sup>c</sup>			1925		
10	380	Flash butt Welder	1 2/3 d			1943	Osaka Denki	
11	381	Chromium Gilding Operators	47 x 24 x 35		Gilding room	1944	Tyuo Seisakusho	
12	382	Atomic Hydrogen's Welders	16 K.V.A		Forging shop	1944	Shibeura Seisakusho	
13	383	Sand Blast			Side of office	1928	Home made	
14	384	Air Compressor	100 HP 7 kg/cm <sup>2</sup>		Filter shop	1938	Hitachi Seisakusho	
15	387	Over Head Travelling Crane	5 tons		B	1919	Yasuda Tekkoshu	
16	389				A-F			
17	393				D	1935		
18	392				E	1920	Mitsubishi Denki	
19	394				D			
20	390				F		Hitachi Seisakusho	
21	396		3 tons		C	1871	Yasuda Tekkoshu	
22	408	Water Power Brake	500 HP		F	1937	Tokyo Kaki	
23	409		250 HP		F			
24	410	Measuring Machine	48"		B	1913	New Wall	
25	412	Projector	20 or 50 times		D	1927	Boschlom	
26	366	Oil Separator	1 HP x 500 φ		B	1931	Hishimi Denki	
27	417	Motor	5 HP		Wada branch	1944	Mitsubishi Denki	
28	418							
29	419							
30	420							





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List No.	Machine No.	Machine Name	Size or Capacity	Dept		Mfg. date	Manufacturer	Remarks
				Engine Dept	Shop			
1	L 19	Surfacing lathe	Swing x Length 1.5M x 20.5M	Roof No.	1	1943	Maeda Kiko	
2	L 2	Engine lathe	310 <sup>mm</sup> x 13'-8"		3	1920	John Stirk LTD	
3	L 3	"	400 <sup>mm</sup> x 15'		3	1933	Nigata Tekko	
4	L 15	All gear S engine lathe	320 <sup>mm</sup> x 12'		3	1937	Okuma Tekko	
5	L 21	Long lathe	300 <sup>mm</sup> x 8'-6"		4	1944	Kisha Kaisha Wakagame Tekko	
6	L 7	Engine lathe	220 <sup>mm</sup> x 6'		4	1920	"	
7	L 12	"	210 <sup>mm</sup> x 6'		4	1919	"	
8	L 13	"	220 <sup>mm</sup> x 6'		4	1935	Shoun Kosakusho	
9	L 14	"	240 <sup>mm</sup> x 8'		4	1936	John Stirk LTD	
10	L 6	Screw Cutting Lathe	Max dia x Length 106 <sup>mm</sup> x 2800 <sup>mm</sup>		3	1930	Mitsubishi Kobe	
11	DR 6	Radial Drilling Machine	Max dia x Swing 55 x 1730		3	1932	Kubota Tekko	
12	DR 15	"	45 x 1240		3	1936	Kitchent Works	
13	DR 16	"	55 x 1400		3	1936	"	
14	DR 18	"	45 x 1500		3	1940	Wakoyama Tekko	
15	DR 20	"	45 x 1500		3	1941	"	
16	DR 7	Portable Radial Drilling Machine	35 x 1100		-	1918	John Halcyon Co.	
17	D 7	Horizontal Drilling Machine	Max dia x Bed length 55 x 920		3	1933	Campbells d hanter	
18	D 4	Multiple Drilling Machine	55 x 2500		3	1909	Uncertain	
19	D 8	"	75 x 2000		2	1939	Schiess Defriss	
20	DRU 1	Upright Drilling Machine	Max dia x Swing 45 x 600		3	1941	Harada Kinzoku	
21	DR 11	Portable Horizontal Drill	35 x 800		-	1918	Kisha Kaisha	
22	B 1	Kearns Boring Machine	# 3		3	1933	"	
23	BB 1	Block Boring Machine	70 <sup>φ</sup>		3	1940	Hom made	
24	BB 2	"	70 <sup>φ</sup>		3	"	"	
25	BB 3	"	70 <sup>φ</sup>		3	"	"	
26	BB 4	"	70 <sup>φ</sup>		3	"	"	
27	BB 5	"	70 <sup>φ</sup>		3	"	"	
28	BB 21	"	65 <sup>φ</sup>		3	"	"	
29	BB 22	"	65 <sup>φ</sup>		3	"	"	
30	BB 23	"	65 <sup>φ</sup>		3	"	"	

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg. date	Manufacturer	Remarks	Dept	Engine Dept	Shop	Boiler Shop	Sheet No.
58	ML 1	Universal Milling Machine	Bed Size 280 <sup>mm</sup> x 1200 <sup>mm</sup>	Roof No. 3	1933	Green Wood Bafary						
60	ML 6	Vertical Milling Machine	700 x 1900	3	1943	Syōwa Koki						
61	ML 4	Horizontal Milling Machine	1765 x 1585	3	1938	Home made						
62	ML 3	Planer Milling Machine	840 x 2100	3	1933	Alfred Herbert						
63	ML 7	Header Square hole Milling Machine	Hole Size 100 x 100	3	1944	Home made						
65	G 3-4	Edge Grinder	Stone Size 24"	3	1935	"						
66	P 2	Open side Planing Machine	Bed Size 700 <sup>mm</sup> x 2400 <sup>mm</sup>	3	1933	Zerman Works						
67	SH 1	Shaping Machine	Stroke 607 <sup>mm</sup>	4	1933	Inoue Tekko Wakayama						
70	SH 4	"	406	4	1932	Tekko						
71	SH 5	"	662	4	1940	Taketsu Tekko						
72	SL 1	Slating Machine	540	4	1934	Shōun Kosaku						
73	E 1	Power Hack Saw	Stroke x height 200 <sup>mm</sup> x 320 <sup>mm</sup>	3	1907	Un Certain						
75	E 9	"	130 x 130	3	1923	Thompson herby						
76	E 13	"	130 x 130	3	1941	Un Certain						
77	P 3	Plate Edge Planing Machine	Bed Length 10 <sup>m</sup>	1	1943	Kubota Tekko Kawasaki						
78	S 1	Shearing Machine	18 <sup>mm</sup> x 2 <sup>m</sup>	1	1927	Tekko						
80	PS 1	Punching & Shearing Machine	18 <sup>mm</sup> x 230 <sup>mm</sup>	1	1910	Craig & Donald						
83	R 2	Bending Roller	15 <sup>mm</sup> x 3300 <sup>mm</sup>	1	1943	Ueda Tekko						
84	R 3	Plate Straightening Roller	10 <sup>mm</sup> x 1524 <sup>mm</sup>	1	1926	Home made						
85	R 4	Bending Roller	6 <sup>mm</sup> x 1200 <sup>mm</sup>	1	1943	Ueda Tekko						
89	PR 5	Hydraulic Flanging Press	70 tons	3	1909	Home made						
91	PR 7	"	150 tons	3	1942	Ōsaka Jūko						
92	PR 8	"	50 tons	4	1942	Home made						
93	PR 9	"	1500 tons	2	1943	Kamatsu Selsaku						
95	RV 2	Hydraulic Riveting Machine	78 tons	2	1912	Un Certain						
98	RV 5	"	150 tons	2	1937	Furnica A.G.						
99	E 64	Beam Bender	20 tons	2	1942	Ueda Tekko						
100		Angle Cutter	70 tons	1	1943	"						
101	PB 1	Pipe Bender	Max. 4" dia	Yard	1918	Home made						
102	PB 2	"	2" dia	"	1944	"						

(14)



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List No.	Machine No.	Machine Name	Size or Capacity	Location	Mfg date	Manufacturer	Remarks	Dept		Shop	Boiler Shop	Shaft No.
								Engine Dept				1/2
1	104	Electric Annealing Furnace	3 <sup>m</sup> x 3 <sup>m</sup> x 16 <sup>m</sup>	Roof No. 3	1942	Simazu Seisakusyo						
2	105	Heating Furnace with pulverizer	1.5 <sup>m</sup> x 2.5 <sup>m</sup> x 4 <sup>m</sup>	3	1943	Home made						
3	106	E 54 Air Compressor	300 HP	Motor house	1928	Hitati Seisakusyo						
4	108	E 55 "	200 HP	"	1943	"						
5	109	E 56 "	200 HP	"	1943	"						
6	111	E 14 Hydraulic Pressur Pump	200HP 110 <sup>kg/cm<sup>2</sup></sup>	"	1943	Komatsu Seisakusyo						
7	112	E 7 Accumulator for Hydraulic Press	600 l	Yard	1943	"						
8	116	Over Head Travelling crane	15 tons	3	1939	Hitati Seisakusyo						
9	119	"	30 tons	2	1938	"						
10	120	"	30 tons	4	1941	"						
11	121	"	5 tons	3	1911	Lansome Rapia Hitati						
12	124	L. Tip Yard crane	10 tons	Yard	1939	Seisakusyo						
13	131	Heating Furnace	1.8 <sup>m</sup> x 1 <sup>m</sup> x 2.5 <sup>m</sup>	3	1944	Home made						
14	132	Roots Blower	30HP 20 LBS	4	1907	"						
15	134	Turbo Blower	30HP 110 <sup>m<sup>3</sup>/min</sup>	4	1937	Hitati						
16	138	Feed Water Pump	5HP 0.95 <sup>m<sup>3</sup>/min</sup>	Motor house	1941	"						
17	141	Worshington Pump		"	1946	Home made						
18	143	Motor Generator	DC 7 1/2 kW	"	1929	Hitati						
19	148	Motor for Line Shaft	50 HP	3	1908							
20	149	"	50 HP	3	1913							
21	152	Electric Hoist	3 T	1	1942	Hitati						
22	153	"	3 T	1	1942	"						
23	156	"	3 T	2	1942	"						
24	159	"	3 T	3	1942	"						
25	161	"	3 T	4	1942	"						
26	162	"	3 T	Yard	1942	"						
27	164	"	2 T	2	1920	"						
28	165	"	2 T	Yard	1907	"						
29	166	Air Hoist	3 T	1	1946	Un Certain						
30	168	"	3 T	2	1937	"						

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List No.	Machine No.	Machine Name	Size or Capacity	Dept		Mfg date	Manufacturer	Remarks
				Engine Dept	Shop			
1	W 515	593	A.C. Welder	15 KW	No. 3 Weld Shop	1930	Nippon Denki Hitati	
2	" 516	337	"	16.5	"	1935	Seisakusyo	
3	" 517	338	"	12.5	"	1945	"	
4	" 518	114	"	7.5	"	1938	"	
5	" 519	198	"	10	"	-	Osaka Denki	
6	" 520	420	"	15	"	1940	"	
7	" 521	224	"	10	"	1930	Nippon Denki	
8	" 522	225	"	9.5	"	1938	"	
9	" 523	113	"	10	"	1933	Hitati Seisakusyo	
10	" 524	421	"	15	"	1940	Osaka Denki	
11	" 525	339	"	12.5	"	1945	Hitati Seisakusyo	
12	" 526	6	"	6.5	"	1937	"	
13	" 527	340	"	15	"	1938	"	
14	" 528	341	"	12.5	"	1944	"	
15	" 529	342	"	12.5	"	1945	"	
16	" 530	20	"	5	"	1939	Osaka Denki	
17	" 531	226	"	10	"	1930	Nippon Denki	
18	" 532	422	"	15	"	-	Osaka Denki	
19	" 533	115	"	9.5	"	1944	Hitati Seisakusyo	
20	" 534	423	"	15	"	1940	Osaka Denki	
21	" 535	116	"	9.5	"	1938	Hitati Seisakusyo	
22	" 536	199	"	10	"	-	Osaka Denki	
23	" 537	177	"	9.5	"	1938	Hitati Seisakusyo	
24	" 538	19	"	5	"	1937	Osaka Denki	
25	" 539	343	"	12.5	"	1938	Hitati Seisakusyo	
26	" 540	424	"	15	"	-	Osaka Denki	
27	" 541	118	"	9.5	"	1938	Hitati Seisakusyo	
28	" 542	344	"	12.5	Boiler Shop	1944	"	
29	" 543	535	"	20	"	1935	Osaka Denki	
30	" 544	119	"	10	"	1935	Hitati Seisakusyo	

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List No.	Machine No.	Machine Name	Size & Capacity	Location	Mfg date	Manufacturer	Remarks	Dept	Engine Dept	Shop	Foundry shop	Steel No
1	Cu 1	Cupola	10 Ton/Hr	Cast Iron shop	1908	Mitsubishi Zosen-sho						
2	Cu 4	"	4 Ton/Hr	"	1906	"						
3	6	"	2 Ton/Hr	"	1939	"						
4	7	"	2 Ton/Hr	"	1945	"						
5	8	Blast Preheater	3900" x 1540" x 3500" For 4" x 8.6" Cupola	"	1943	"	15 HP Motor					
6	9 EF 1	Heroult Election Furnace	1800 K.V.A. 5 Ton	Cast Steel Shop	1937	Mitsubishi Denki Kaisha						
7	10 EF 2	"	1200 K.V.A. 4 Ton	"	1935	"						
8	11 RE 1	Rocking Electric Furnace	150 K.V.A. 200 kg	Alloy Shop	1943	"						
9	14 AF 2	Air Furnace	3 HP Motor 2 Ton	"	1937	Mitsubishi Zosen-sho						
10	16 TB 3	Turbo Blower	50 HP Motor 15.2 M <sup>3</sup> /Min	Cast Iron Shop	1936	Mitsubishi Seisaku-sho						
11	18 TB 2	"	15 HP Motor 7.5 M <sup>3</sup> /Min	"	1938	"						
12	19	"	"	"	1944	"						
13	21 A.C 2	Air Compressor	100 HP Motor 13 M <sup>3</sup> /Min 7 M <sup>3</sup> /CM <sup>2</sup>	Air Compressor Horse	1937	"						
14	22 A.C 3	"	200 HP Motor 33.9 M <sup>3</sup> /Min 7 M <sup>3</sup> /CM <sup>2</sup>	"	1940	"						
15	243	Fan	5 HP Motor 8 1/2 in Dia	Cast Steel Shop	1938	Sumita Shoten						
16	26 D.S. 1	Mould Drying Stove	10 HP Motor 6096" x 4495" x 8000"	Cast Iron Shop	1908	Mitsubishi Zosen-sho						
17	27 D.S. 2	"	5 HP Motor 6150" x 5000" x 6350"	"	1944	"						
18	29 S.D.S. 1	"	3 HP Motor 4270" x 3660" x 4870"	Cast Steel Shop	1935	"						
19	34	Core Drying Oven	0.8 M <sup>3</sup>	"	1913	"						
20	35	"	"	"	1913	"						
21	276	"	"	Cast Iron Shop	1942	"						
22	277	"	"	"	1942	"						
23	278	"	"	"	"	"						
24	279	"	"	"	"	"						
25	39	Portable Dryer	1 HP Motor 350 M <sup>3</sup> /Min	"	1935	Mitsubishi and Sumita Shoten						
26	42 K 301	Moulding Machine	1625" x 1270" x 460" Capacity 1370 kg	"	1938	Kubota Tekkosha						
27	43 K 201	"	1120" x 910" x 310" Capacity 640 kg	"	1937	"						
28	44	"	760" x 610" x 250" Capacity 270 kg	"	1938	"						
29	45	"	"	"	"	"						
30	46	"	460" x 360" x 130" Capacity 165 kg	"	"	"						

List No.	Machine No.	Machine Name	Size & Capacity	Location	Mfg date	Manufacturer	Remarks	Dept	Engine Dept	Shop	Foundry Shop	Sheet No.
												3/A
1	47	Moulding Machine	400 <sup>mm</sup> x 360 <sup>mm</sup> x 130 <sup>mm</sup> Capacity 10.5kg	Cast Iron Shop	1938	Kubota Tokkoshu						
2	48	"	"	"	"	"						
3	49	"	"	"	"	"						
4	50	"	"	"	"	"						
5	51	"	"	"	"	"						
6	210	"	"	"	"	"						
7	60	"	2750 <sup>mm</sup> x 650 <sup>mm</sup> x 220 <sup>mm</sup>	"	"	"						
8	61	Core Blowing Machine	920 <sup>mm</sup> x 360 <sup>mm</sup> x 330 <sup>mm</sup> Sand Weight 16kg	"	"	"						
9	65	Core Making Machine	360 <sup>mm</sup> x 520 <sup>mm</sup> x 200 <sup>mm</sup>	"	1945	"						
10	68	Sand Preparing Apparatus	4 Cub Ft/min 3 1/2 HP Motor	"	1938	Mitsubishi Zosen-sho						
11	205	"	4 Cub Ft/min 5 1/2 HP Motor	"	1936	Ajikawa Tokkoshu						
12	69	Roller Conveyor	100 kg/ft	"	1938	Mitsubishi Zosen-sho						
13	70 LM1	Sand Mixing Plant	6ft Dia 300L	Sand Mixing Room	1908	"						
14	72 LM3	"	"	"	1919	"						
15	74 LM5	"	5ft Dia 250L	"	1919	"						
16	75	Sand Mill	6ft Dia 300L	"	1919	"						
17	76	Paint Mill for Mould of Cast Steel	6ft Dia 250L	"	1937	"						
18	78	"	4ft Dia 150L	"	1908	"						
19	79	Black Mixer	170L	"	1942	"						
20	211	Oil Sand Mixer	3HP Motor 0.08 M <sup>3</sup>	Cast Iron Shop	1932	"						
21	212	"	0.08 M <sup>3</sup>	"	1937	Kubota Tokkoshu						
22	215	Sand Sifter	500 <sup>mm</sup> φ	Sand Mixing Room	1940	Wenura Shikai						
23	216	"	"	"	1940	"						
24	84	Tumbler	7 1/2 HP Motor 1000 <sup>mm</sup> φ x 1500 <sup>mm</sup>	Cast Iron Shop	1928	Mitsubishi Zosen-sho						
25	85	"	"	"	"	"						
26	97	Arc Welding Machine	A.C. 20KW 32 K.V.A.	Cast Steel Shop	1943	Osaka Denki Kaisha						
27	98	"	"	"	"	"						
28	99	"	"	"	"	"						
29	102	"	A.C. 250 Amp 23K.V.A.	"	1944	Osaka Heina Denki Kaisha						
30	103	"	"	"	"	"						



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List No.	Machine No.	Machine Name	Size & Capacity	Location	Mfg. date	Manufacturer	Remarks	Dept	Engine Dept	Shop	Foundry Shop	Sheet No.
												4/4
1	180	Wall Crane with Hoist	3 <sup>ton</sup> x 6000 <sup>mm</sup>	Cast Iron Shop	1938	Mitsubishi Zoshensho						
2	183	"	"	"	1938	"						
3	184	"	"	"	1918	"						
4	185	"	"	"	1918	"						
5	186	"	"	"	1918	"						
6	188	"	"	"	1938	"						
7	189	"	"	"	1938	"						
8	190	"	"	"	1938	"						
9	196	"	"	Cast Steel Shop	1938	"						
10	197	"	"	"	1938	"						
11	202	"	"	Alloy Shop	1918	"						
12	203	"	"	"	1940	"						
13	204	"	"	"	1940	"						
14	227	Hand Wall Crane	1 <sup>ton</sup> x 3M	Cast Iron Shop	1927	"						
15	230	"	1 <sup>ton</sup> x 5M	"	1940	"						
16	235	"	1 <sup>ton</sup> x 3M	"	1927	"						
17	236	"	"	"	1927	"						
18	237	"	"	"	1927	"						
19	238	"	"	"	1927	"						
20	239	Mono Rail	1 <sup>ton</sup>	"	1927	"						
21	240	"	"	Alloy Shop	1931	"						
22	218	Sand Tank	6M x 3M x 1.5M	Cast Iron Shop	1942	"						
23	219	Sand Hopper	5M <sup>3</sup>	"	1940	"						
24	220	"	"	"	1940	"						
25	222	Bucket Elevator	3HP Motor 2 Cubft / Min	"	1942	"						
26	244	Dust Catcher	5 HP x 2 Motor 1.2" Fan	"	1939	Mitsubishi and Sumita Shoten						
27	252	Centrifugal Pump	3HP Motor 3" dia	Air Compressor House	1938	Nagamula Shotokai						
28	253	A. C. Motor	75HP x 3300 <sup>v</sup> x 750 <sup>rpm</sup>	Cast Iron Shop	1938	Okumura Denki Kaisha						
29	255	"	20HP x 220 <sup>v</sup> x 1150 <sup>rpm</sup>	Pattern Shop	1933	Mitsubishi Denki Kaisha						
30	280	Acetylen gas Plant	1700 <sup>psi</sup> x 2000 <sup>psi</sup> Pressure 15 <sup>psi</sup> /cm <sup>2</sup>	Cast Steel Shop	1936	Mitsubishi Zoshensho						

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List No	Machine No	Machine Name	Size or Capacity	Dept		mfd Date	Manufacturer	Remarks
				Engine Dept	Shop			
1	18	AH 1 Air Hammer	1 ton		Beach Shop	1938	Osaka Kikai	
2	7	AH 4	1/2 ton		Middle goods Shop	1942	"	
3	8	AH 5	"		"	"	"	
4	9	AH 7	"		"	"	"	
5	11	AH 6	"		"	"	Niiga Ta Tekkesho	
6	12	AH 8	"		"	"	"	
7	14	AH 3	3/5 ton		"	1929	Osaka Kikai	
8	16	AH 12	"		Small goods Shop	1941	"	
9	20	AH 15	1/4 ton		"	1942	"	
10	21	AH 16	"		"	"	"	
11	22	AH 17	"		"	"	"	
12	23	AH 18	"		"	"	"	
13	26	AH 30	"		"	"	"	
14	1	SH 1 Steam Hammer	1 ton		Big goods Shop	1919	Hikoshima Zosen shi	
15	2	SH 2	"		"	"	"	
16	30	DH 1 Drop Hammer	"		Middle goods Shop	1928	Blet	
17	31	DH 2	1/2 ton		"	"	"	
18	32	DH 3	1 ton		Beach Shop	1943	Toyo Tekko shi	
19	36	HR 1 Forging Press	600 ton		Big goods Shop	1907	Berry Leeds CO	
20	34	TP 2 Trimming Press	300 ton		Middle goods Shop	1943	Yamagawa Press	
21	35	TP 3	"		Beach Shop	1943	"	
22	165	GR 4 Double disk Grinder	24" d		Heat Treating Shop	1935	Home Made	
23	198	GR 1	18" d		Middle goods Shop	1929	"	
24	158	Spring Setting Machine	100 kg		Heat Treating Shop	1937	"	

13 (AH) Air Hammer

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List No.	Machine No.	Machine Name	Size or Capacity	Location	Dept		Mfd Date	Manufacturer	Remarks
					Engine Dept	Shop			
1	46	SF 9 Forging Furnace	550 x 550 x 1300	Big goods shop			1943	Home made	
2	47	SF 8							
3	48	SF 7							
4	49	SF 6							
5	50	SF 16		Middle goods shop					
6	51	SF 17							
7	52	SF 18							
8	53	SF 19							
9	54	SF 20							
10	55	SF 21							
11	56	SF 22							
12	114	SF 10		Back Shop			1944		
13	69	SF 44	300 x 300 x 300	Heat Treat shop			1931		
14	70	SF 43							
15	71	SF 42							
16	72	SF 41							
17	73	SF 50							
18	169	SF 62					1941		
19	170	SF 53							
20	94	SF 33	500 x 500 x 1200	Small goods shop			1942		
21	95	SF 34							
22	96	SF 35							
23	97	SF 36							
24	37	SF 3	900 x 1200 x 1800	Big goods shop			1940		
25	38	SF 2	1800 x 1800 x 3500				1928		
26	64	SF 2	700 x 700 x 700	Middle goods shop			1943		
27	128	SF 27	400 x 400 x 500	Small goods shop			1944		
28	129	SF 30							

W-100-100

6-1-45

List No.	Machine No.	Machine Name	Dept		Location	Mfd Date	Manufacturer	Remarks
			Engine Dept	Shop				
1	76	HF 1	Heat Treating	Shop	Heat Treating Shop	1943	Home made	
2	78	HF 2	"	"	"	"	"	
3	79	SF 52	"	"	"	"	"	
4	208	-	"	"	"	1923	"	
5	209	GF 7	"	"	"	1941	"	
6	83	AF 3	Annealing	Shop	Small goods Shop	1943	"	
7	155	HF 4	Heat Treating	Shop	Heat Treating Shop	1931	"	
8	156	HF 5	"	"	"	1911	American Furnace	
9	157	HF 6	Furnace for Bit	"	"	1944	Home made	
10	160	SF 54	Forging	Shop	"	"	"	
11	159	-	Furnace for Spring	"	"	1931	"	
12	100	GF 4	"	"	"	1940	"	
13	101	GF 5	"	"	"	"	"	
14	102	GF 6	"	"	"	"	"	
15	103	SB 1	Electric Salt Bath	"	"	1931	Fuji Denro	
16	210	-	Lead Bath	"	"	1941	Home Made	
17	91	EF 2	Electric Furnace for Heat Treating	"	"	1935	Ushio Seisakusho	
18	105	-	Magnetic Crack Detector	"	"	1945	Suzuki Seisakusho	
19	107	TM 5	Vickers Hardness tester	"	"	1944	Daido Seisakusho	
20	108	TM 4	Rock Well Hardness Tester	"	"	1937	Rock Well	
21	109	TM 1	Spring Load Tester	"	"	1939	Akashi Seisakusho	
22	110	TM 2	"	"	"	"	"	
23	152	TM 6	Brinell Hardness Tester	"	"	1931	Home Made	
24	151	-	Streighting Tester	"	"	1925	"	
25	137	-	Sand Blast	"	"	1/2 HP	1944 Taiyo chuki	
26	85	BB 2	Boiler	Boiler Room	"	1905	Bab Cock & Wilcox CO	
27	87	MB 2	"	"	"	1921	Home Made	
28	90	CR 2	OverHead Travelling Crane	"	Big goods Shop	1941	Tanaka kikai	
29	117	CR 3	"	"	Heat treating shop	1920	Home Made	
30	149	RCR 3	Radial Hoist	"	"	1944	Meiden sha	

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List No	Machine No	Machine Name	Size or Capacity	Location	Dept		Mfd Date	Manufacturer	Remarks
					Engine Dept	Shop			
1	226	-	Hoist	3 ton	Heat Treating Shop		1915	Demagg	
2	224	-	Radial Crane	1 ton	"		1941	Hidachi	
3	229	-	"	2 ton	Big goods Shop		1944	Home Made	
4	178	T.N.1	Turning for Crane	15 ton	"		1931	"	
5	125	-	Endless Winch	5 HP	Middle goods Shop		1945	Hidachi Seisakusho	
6	180	-	Hydraulic Pump for bootstrap Press	200kg/cm <sup>2</sup>	Big goods Shop		1926	Home Made	
7	181	-	Hydraulic Water Tank	1400d x 3000	"		"	"	
8	147	-	Hydraulic Pump	10 HP	Heat Treating Shop		1941	Nissan Kinzoku	
9	182	WP2	Feed Water Pump	15 Ton/h	Boiler Room		1943	Terisima Kikai	
10	184	WP3	"	"	"		"	"	
11	183	WP1	"	"	"		"	Home Made	
12	192	WP4	Weir's Pump	5 Ton/h	"		1942	Teikoku Kikai	
13	190	WP7	Washington Pump	2 Ton/h	"		1913	Home Made	
14	194	WP6	Centrifugal Pump	10 Ton/h	"		1930	"	
15	145	BL2	Turbo Blower	7.5 HP	Heat Treating Shop		1941	Osaka Jinyuro	
16	136	BL3	Turbo Blower	15 HP	"		1935	Osaka Sofu Ki	
17	118	TF1	Transformer	100 KVA	Middle goods Shop		1943	Mistubishi danki	
18	119	TF2	"	"	"		"	"	
19	120	TF3	"	"	"		"	"	
20	121	TF4	"	40 KVA	"		"	Osaka Henatuki	
21	122	TF5	"	50 KVA	"		"	"	
22	168	-	Motor (D.C)	40 HP	Heat Treating Shop		1942	Mistubishi Denki	
23	144	-	" (A.C)	80 HP	"		1927	"	
24	206	-	" ( " )	12 HP	Middle goods Shop		1925	Hidachi Seisakusho	



775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

LWJ/yy

412.3

23 May 1947

SUBJECT: Permit for Removal or Transfer of Machinery

TO : Commanding Officer  
Tokai-Hokuriku Military Government Region  
APO 710THRU : Commanding General  
I Corps  
APO 301

Attn: Military Government Section

1. Subject permit was issued by this headquarters to the Nikkoku Kogyo K.K., Kansaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken, subject to approval by your headquarters before removal is initiated.

2. A representative from the company mentioned in paragraph 1, above has been instructed to report to your headquarters for final instruction.

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major Cav  
Executive OfficerIncl:  
Permit for Removal of m/c

773 013

11 June 1947.

Hyogo Military Government Team.

Dear Sirs;

For proper maintenance the following two machines loaned to the Daishin Seisakusho, Kashimacho, Nishiyodogawa-Ku, Osaka-Shi, We hereby beg to ask for your permission to have them brought back to this plant.

- |          |                 |
|----------|-----------------|
| 1. Lathe | Code 13-37-236. |
| 2. Lathe | Code 13-37-237. |

Thanking for your kind attention to the matter, We are,

Very truly yours.

750 Tonouchi,  
Amagasaki-Shi,  
Hyogo-Ken.

Kanzaki Plant,  
Nikkoku Kogyo K.K.

Per. Masami Okubo.

*Masami Okubo*  
Sup't.

*Centralization  
for maintenance  
&  
repair*

775 013

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 1037-47

DATE 23 May 47

SUBJECT: Removal or Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) ~~XXXXXXXXXX~~ granted to move machinery owned  
by Nikkoku Kogyo K.K., Kanzaki Plant, Amagasaki-shi, Hyogo-ken  
subject to prior approval by the Osaka Military Government Team

From: Hanshin Kiko K.K., 2-38, Showa-dori, Sakai-shi, Osaka-fu

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi,  
Hyogo-ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
✓ 1	Lathe (Code 13-37-211)	Unknown	Centralization for better maintenance & repairs
✓ 1	Lathe (Code 13-37-212)	"	"
1	Slotter (Code 13-37-213)	"	"
/ 1	Upright Drilling Machine (Code 13-37-214)	"	"
----- Nothing follows -----			

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

775 013

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 105 - 47

DATE 23 May 47

SUBJECT: Removal or Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) ~~(XXXXXX)~~ granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken, subject to prior approval by the Osaka Military Government Team

From: Nakazato Kinzoku Kogyo, Minami-dori, Mitsuya, Higashiyodogawa, Osaka

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
1	Plain Milling m/e (Code 13-37-221)	Unknown	Centralization for better maintenance & repairs
✓ 1	Internal Grinder (Code 13-37-222)	"	"
✓ 1	Universal Grinder (Code 13-37-223)	"	"
✓ 1	Universal Grinder (Code 13-37-224)	"	"
1	Radial Drilling m/e (Code 13-37-225)	"	"
✓ 1	Turret Lathe (Code 13-37-227)	"	"
✓ 1	Turret Lathe (Code 13-37-228)	"	"

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

775 013

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 105 - 47

DATE 23 May 47

SUBJECT: Removal or Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tenouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) ~~granted~~ granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tenouchi, Amagasaki-shi, Hyogo-ken, subject to prior approval by the Osaka Military Government Team

From: Nakazato Kinzoku Kogyo, Minami-dori, Mitsuya, Higashiyodogawa, Osaka

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tenouchi, Amagasaki-shi, Hyogo-ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No	Description	Maker's Name	
	Circ. Grinding Cutter (Code 13-37-229)	Unknown	Centralization for better maintenance & repairs
✓ 1	Pneumatic Hammer (Code 13-37-230)	"	"
		Nothing follows	

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

3

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 102 - 47

DATE 23 May 47

SUBJECT: Removal or Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) ~~granted~~ granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, Amagasaki-shi, Hyogo-ken.  
subject to prior approval by the Osaka Military Government Team

From: Chiyomi Seisakusho, Tsukuda-cho, Nishiyodogawa-ku, Osaka-shi

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo Ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	Purpose
✓ 1	Lathe (Code No. 13-37-191)	Unknown	Centralization for better maintenance & repairs
✓ 1	Turret Lathe (Code No. 13-37-192)	"	"
✓ 1	Hobbing Machine (Code No. 13-37-196)	"	"
✓ 1	Bevel Gear Generator (Code No. 13-37-198)	"	"
✓ 1	Horizontal Milling m/s (Code No. 13-37-201)	"	"
- - - - - Nothing follows - - - - -			

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

Movement completed  
- 18 July 47 -

2

775 013

37 12

HEADQUARTERS  
SHIGA MILITARY GOVERNMENT TEAM  
APO 25 (Otsu, Honshu)

HLR/ys

387.6

20 May 1947

SUBJECT: Permit for Removal of Machines

TO : Commanding Officer, Hyogo Mil.  
Govt. Team, APO 317

1. Enclosed permit was issued to representatives of NIKKOKU  
KOGYO K.K., AMAGASAKI-CITY, HYOGO-Ken.

2. These representatives were instructed to report to your  
office when the transfer of the six (6) machines is completed.

*James A. Person*  
JAMES A. PERSON  
Lt. Col. FA  
Commanding

1 Incl:  
1. Permit



775 013

HEADQUARTERS  
SHIGA MILITARY GOVERNMENT TEAM  
APO 25 (Otsu, Honshu)

HLR/ys

20 May 1947

SUBJECT: Movement of Machinery

TO : Nikkoku Kogyo K.K.  
#750 Tenouchi, Amagasaki-city,  
Hyogo-Ken

1. Permission is granted to move the following six (6) machines from Otsu Seimitsu Kogyo K.K., 144 Bamba, Kado-machi, Otsu-city, Shiga Pref. to Nikkoku Kogyo K.K., Hyogo Prefecture.

- |                   |                |
|-------------------|----------------|
| 1. Lathe          | code 13-37-239 |
| 2. Lathe          | code 13-37-240 |
| 3. Grinding mach. | code 13-37-241 |
| 4. Milling mach.  | code 13-37-242 |
| 5. Lathe          | code 13-37-243 |
| 6. Hobbing mach.  | code 13-37-244 |

FOR THE COMMANDING OFFICER:

HARLAN L. REIF  
Res and Ind  
SHIGA MIL GOVT TEAM

Incl 1'



412.3 (Rep)

- 39

OJI SEIKI KOGYO KK - Kobe Plant

- 1 - Permit No: 92 - 46 Date: 11 Sep 46  
From : Hamaoka Tekkosho  
To : Oji Seiki Kogyo
- 2 - Permit No: 128 - 47 Date: 10 June 47  
From : Oji Seiki Kogyo KK  
To : Kawakatsu Shoji KK
- 3 - Permit No: 131 - 47 Date: 10 June 47  
From : Kosaku Kikai Seibi KK, Osaka-shi  
To : Oji Seiki Kogyo KK  
Ltr to CO, Osaka Mil Govt Team, 10 June 47
- 4 - Permit No: 168 - 47 Date: 1 Aug 47  
From : Mr. N. Fujiwara  
To : Oji Seiki Kogyo
- 5 - Permit No: 171 - 47 Date: 1 Aug 47  
From : Ohno Sha  
To : Oji Seiki Kogyo KK
- 6 - Permit No: 248 - 47 Date: 13 Oct 47  
From : Okada Seisakusho  
To : Oji Seiki Kogyo
- 7 - Permit No: 273 - 47 Date: 5 Dec 47  
From : Mr. Isamu Nakao  
To : Oji Seiki Kogyo KK

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

No. ~~273-47~~

Date ~~5 December 1947~~

412.3

SUBJECT: Transfer of Machinery.

TO : ~~Oji Seiki Kogyo K. K.,  
1-5, 2-chome, Onashi-cho, Nagata-ku, Kobe-shi~~

1. Permission (is) (is not) ~~xxxxxxx~~ granted to move machinery owned by ~~Oji Seiki Kogyo K. K.,  
1-5, 2-chome, Onashi-cho, Nagata-ku, Kobe-shi~~

From: ~~Mr. Isamu Nakao, 1-5, 1-chome, Onashi-cho, Nagata-ku, Kobe-shi~~

To : ~~Oji Seiki Kogyo K. K., Kobe Plant, 1-5, 2-chome, Onashi-cho,  
Nagata-ku, Kobe-shi~~  
as listed below: Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	Purpose
1	Drilling M/c Bench Type 13-39-209	Matsumura Tokushu Dendokogu Seisaku- she	Centralization for better custody, maintenance and repairs.
	-----	Nothing follows	-----

FOR THE COMMANDING OFFICER:

412.3 - # 39/10

LOUIS C. HUTTON  
Major, Cavalry  
Executive Officer

7

775 013

OJI SEIKI KOGYO KABUSHIKI KAISEA

PLANT NO 39

To:- 1-5, 2-Chome, Ohashicho,  
Nagata-ku, Kobe

Date: November 25th, 1947

SUBJECT: APPLICATION FOR PERMIT TO MOVE  
MACHINE TOOLLieut. Col. R. G. Rehkop,  
Commanding Officer,  
Hyogo Military Government Team, Kobe

Sir,

We have to apply for the permit required to the movement of our inventoried machine tool from the dispersed location to main plant under the circumstances stated below.

- From:
1. Present Location : 1-5, 1-chome, Ohashicho, Nagata-ku, Kobe  
Mr. Isamu Nakao (Carpenter)
  2. Location to which the machine shall be moved : Oji Seiki Kogyo K.K. Kobe Plant, 1-5, 2-chome, Ohashicho, Nagata-ku, Kobe
  3. Owner of machine : Ditto
  4. Description of the machine : One (1) Drilling machine, Bench type, 1st Class  
Maker: Matsumura Tokushu Dendokogu Seisakusho  
Code No. 13-39-209
  5. Purpose to move : Centralization for better maintenance and repairs

Remarks: none.

Trusting to be favored with your prompt approval,  
we are,

Very truly yours,

*N. Arakawa*NOBORU ARAKAWA  
(Managing Director)  
(Person in charge of  
Reparations Custody)

O.K.  
Centralization for  
better custody, maintenance  
& repairs.  
Ref. # 273  
270

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 104-47

DATE 22 May 47

SUBJECT: Removal or Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) (~~is~~) granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken, subject to prior approval by the Aichi Military Government Team

From: Watanabe Kogyo K.K., Shinkawa-cho, Minato-ku, Nagoya-shi

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
/ 1	Lathe (Code 13-37-215)	Unknown	Centralization for better maintenance & repairs
/ 1	Thread Cutting m/e (Code 13-37-216)	"	"
/ 1	" " " (Code 13 -37-217)	"	"
/ 1	Turret Lathe (Code 13-37-218)	"	"
/ 1	Turret Lathe (Code 13-37-219)	"	"
/ 1	Thd. Milling m/e (Code 13-37-220)	"	"
-----		Nothing follows	-----

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

Movement completed  
18 July 47

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

LWJ/yy

412.3

23 May 1947

SUBJECT: Permit for Removal or Transfer of Machinery

TO : Commanding Officer  
Osaka Military Government Team  
APO 660

1. Subject permit was issued by this headquarters to the Nippon Kogyo K.K., Kansaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken, subject to approval by your headquarters before removal is initiated.

2. A representative from the company mentioned in paragraph 1, above has been instructed to report to your headquarters for final instruction.

FOR THE COMMANDING OFFICER:

LOUIS G. HUTTON  
Major Cav  
Executive OfficerIncls:  
Permit for Removal of m/c  
(5 Permits)

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 250 - 47

412.3

DATE 13 Oct 1947

SUBJECT: ~~Removal of~~ Movement of Machinery.

TO : Nikkoku Kogyo K.K. (Kanzaki Plant)

by 1. Permission (is) (~~is not~~) granted to move machinery owned  
Nikkoku Kogyo K.K. (Kanzaki Plant)

From: Oe Denki Kogyo-sho, No. 242 Sutokuin, Hamada, Amagasaki-shi,  
Hyogo-ken.

To : Nikkoku Kogyo K.K. (Kanzaki Plant)

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
1	Upright drilling machine Code # 13-37-231	Unknown	Centralization for better maintenance and repairs.
1	Lathe Code # 13-37-232	"	
1	Turret Lathe Code # 13-37-233	"	
----- Nothing follows -----			

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cav  
Executive Officer

37/1 - 412.3 - #37

250

10, October 1947.

Hyogo Military Government Team.

Dear Sirs:

For proper maintenance the following three machines loaned to the Oe Denki Kogyo sho, 242, Sutokuin, Hamada, Amagasaki-shi, Hyogo-ken. We hereby beg to ask for your permission to have them brought back to the plant.

- |                             |                |
|-----------------------------|----------------|
| 1. Upright Drilling Machine | code 13-37-231 |
| 2. Lathe                    | code 13-37-232 |
| 3. Turret Lathe             | code 13-37-233 |

Thanking for your kind attention to the matter,  
We are,

Very truly yours:

750 Tonouchi,  
Amagasaki-shi,  
Hyogo-ken.

Kenzaki Plant,  
Nikkoku Kogyo K.K.,

Per. Masami Okubo.

Masami Okubo  
Sup't.

37/1

OK  
Centralization  
for maintenance  
& repairs  
Ryf.

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

LWJ/yy

14 June 1947

412.3

SUBJECT: Permit for Removal or Transfer of Machinery

TO : Commanding Officer  
Osaka Military Government Team  
APO 660

1. Subject permits were issued by this headquarters to the Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tenouchi, Amagasaki-shi Hyogo-ken, subject to approval by your headquarters before removal is initiated.

2. A representative from the company mentioned in paragraph 1, above has been instructed to report to your headquarters for final instruction.

FOR THE COMMANDING OFFICER:

Incls:  
Permits for Removal of m/c  
(2 Permits)LOUIS C. HUTTON  
Major Cav  
Executive Officer



775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 133 - 47

DATE 14 June 47

SUBJECT: Removal of Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi Hyogo-ken

1. Permission (is) ~~(is not)~~ granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, Amagasaki-shi, Hyogo-ken, subject to prior approval by the Osaka Military Government Team

From: Okunaga Sangyo, K.K., Imazato-cho, Higashinari-ku, Osaka-shi

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo-ken

as listed below: Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
1	Thread Milling Machine Code # 13-37-203	Unknown	Centralization for better maintenance & repairs
	-----	Nothing follows	-----

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cavalry  
Executive Officer

*Movement completed  
- 18 July 47 -*

775 013

12 June 1947.

Hyogo Military Government Team.

Dear Sirs;

For proper maintenance of the following machine loaned to the Okunaga Sangyo, K.K., Imazato cho, Higashinari-Ku, Osaka-Shi, We hereby beg to ask for your permission to have it brought back to this plant.

Thread Milling Mach. Code 13-37-203.

Thanking for your kind attention to the matter, We are,

Very truly yours.

750 Tonouchi,  
Amagasaki-Shi,  
Hyogo-Ken.

Kanzaki Plant,  
Nikkoku Kogyo K.K.

Per. Masami Okubo.

Masami Okubo

775 013

FILE

HYOGO MILITARY GOVERNMENT TEAM  
APO 317

NO. 132-47

DATE 14 June 47

SUBJECT: Removal of Movement of Machinery.

TO : Nikkoku Kogyo K.K., Kanzaki Plant  
750 Tonouchi, Amagasaki-shi, Hyogo-ken

1. Permission (is) ~~(is not)~~ granted to move machinery owned by Nikkoku Kogyo K.K., Kanzaki Plant, Amagasaki-shi, Hyogo-ken, ~~subject to prior approval by the Osaka Military Government Team~~

From: Daishin Seisakusho, Kashima-cho, Nishiyodogawa-ku, Osaka-shi

To : Nikkoku Kogyo K.K., Kanzaki Plant, 750 Tonouchi, Amagasaki-shi, Hyogo Ken

as listed below:

Purpose: Storage  
Civilian  
Production  
Renovation

No.	Description	Maker's Name	
1	Lathe Code # 13-37-236	Unknown	Centralization for better maintenance & repairs
1	Lathe Code # 13-37-237	"	- " -
	-----	Nothing follows	-----

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON  
Major, Cavalry  
Executive Officer

*Movement complete  
18 July 47*

775 013

**THE OSAKA KIKO KABUSHIKI KAISHA,**  
 (The Osaka Kiko Co., Ltd.)  
 No. 37, Kitamura Noma. ITAMI,  
 Hyogo-ken.

Date: Sept' 22nd/1947

TO: Headquarters  
 Hyogo Military Government Team,  
 Kobe.

SUBJECT: Permission for Removal of Machine Tools installed  
 in Unclaimed Reparations Plant (OUR TOYOSAKI FACTORY)  
 to our Inagawa Factory.

FROM: Inagawa Factory of the Osaka Kiko Co., Ltd.,  
 Noma Kitamura, Itami, Hyogo Pref:

Dear Sirs,

We hereby respectfully request you for a permission of removal of the unclaimed Machine Tools, which are at present installed in our Toyosaki Plant which factory has been exempted from the Reparations List, to our Inagawa Plant.

We have taken into the above proposal in view of the present condition in order to increase our productions of manufacturing the textile machines and to make our efforts more fully.

The Machine Tools to be transferred are as follows :-

Name of Machine:	No. of Machine:	Purpose:	Installed at present:	To be Removed to:
A. Card Cylinder Lathes.	3	Turning card cylinders.	OUR TOYOSAKI FACTORY, Toyosaki Nishidori Itchome, Oyodo-ku, Osaka.	OUR INAGAWA FACTORY, Noma Kitamura, Itami, Hyogo Pref:
B. Card Cylinder Grinders.	2	Grinding card cylinders.	-DO.-	-DO.-
Total		5 Sets		

Most earnestly requesting your permission of removal under your kindest consideration,

Yours obediently,

For THE OSAKA KIKO CO., LTD.

*S. Hoshizumi*