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Description of contents

- (1) Box no. 2868
- (2) Folder title/number: (9)  
Tateyama Jukogyo K.K. - Second Factory

(3) Date: Feb. 1947 - Mar. 1951

(4) Subject:

Classification	Type of record
9230, 9621	z

(5) Item description and comment:  
Toyama City, Toyama

(6) Reproduction:  Yes  No

(7) Film no. Sheet no.

(Compiled by National Diet Library)

COMPLETE INVENTORY LIST OF ALL REPARATION MACHINES AND  
EX. MACHINES ALSO LAND AND BUILDINGS DESIGNATED FOR REPARATIONS  
AT THE FOLLOWING PLANT

Name of Plant	Location	Code No.	Remarks
SECOND FACTORY TATEYAMA JUKOGYO K.K.	I. SHIMOOKUI TOYAMA-SHI	42-16	MACHINE TOOLS

14

LIST OF INVENTORIED MACHINE

Name of Company. Tateyama Jukogyo Co., Ltd.,  
 Factory No.2  
 Location. 1 Okuda-hanmiya, Toyama-shi,  
 Toyama-ken.  
 Industrial Category. Machine Tool  
 Plant Code No. 42 - 16

<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
IA1 - 1	Horizontal Boring, Surfacing, Drilling & Milling	D.S.
2	"	"
3	Horizontal Boring & Drilling	"
4	Horizontal Boring, Surfacing, Drilling & Milling	"
5	Horizontal Boring & Drilling	"
IA2 - 1	Internal Horizontal Broaching Machine	"
IA3 - 1	Bench Type, Drilling Machine	"
2	Radial Drilling Machine, plain	"
3	Bench Type, Drilling Machine	"
4	Deep Hole Vertical Drilling Machine	U.
5	"	D.S.
6	Radial Drilling Machine, plain	U.
7	"	D.S.
8	"	"
9	Universal Radial Drilling Machine	"
10	Deep Hole Horizontal Drilling Machine	"
11	"	"
12	"	"
13	Deep Hole Vertical Drilling Machine	"
14	Bench Type Drilling Machine	"
15	"	"
16	"	"
17	"	"
18	"	"
19	"	"
20	"	"
21	"	"
22	"	"
23	"	"
24	"	U.
25	"	D.S.
26	"	"
27	Radial Drilling Machine, plain	"
28	"	"
29	"	"
30	Deep Hole Horizontal Drilling Machine	"
31	"	"
32	Bench Type Drilling Machine	"

Code No.	Name of Machine	Remarks
IA4 - 1	Gear Shaper, Spur, External & Internal	D.S.
2	"	"
3	"	"
4	Straight Bevel Shaper	"
5	Gear Hobber, Single Spindle	"
6	"	"
7	"	U.
8	"	D.S.
9	Gear Tooth Grinding Machine, Spur & Helical	"
10	Gear Finishing Machine, Tooth Rounding & Chamforing	"
11	Gear Shaper, Spur, External & Internal	U.
12	"	D.S.
13	Gear Finishing Machine, Lapping, Combination Internal & External	"
14	Straight Bevel Generator	"
15	"	"
16	Gear Hobbing Machine	"
IA5 - 1	Universal Grinding Machine, Tool & Cutter	U.
2	"	D.S.
3	Grinding Machine, Internal & Cylindrical	"
4	"	"
5	Surface Grinding Machine, Rotary Table	"
6	"	"
7	Grinding Machine, Combination	"
8	Grinding Machine, Drill & Tap	"
9	Grinding Machine, External	"
10	"	"
11	Grinding Machine, Drill & Tap	U.
12	"	D.S.
13	Grinding Machine, Special Tool & Cutter, Shear & Knife	"
14	"	"
15	Grinding Machine, Drill & Tap, Special Tool & Cutter	"
16	Grinding Machine, External, Cylindrical & plain	"
17	Surface Grinding Machine, Reciprocating	"
18	Grinding Machine, External, Cylindrical & Universal	"
19	"	"
20	Grinding Machine, Internal & Cylindrical	"
IA6 - 1	Standard Type Engine Lathe	"
2	"	"
3	Gap Type Engine Lathe	"
4	"	"
5	Screw Cutting Lathe, Single Spindle	"
6	Standard Type Engine Lathe	"
7	Gap Type Engine Lathe	"
8	Standard Type Engine Lathe	"
9	Turret Lathe, Saddle Type, Standard	"
10	"	"
11	"	"
12	Face Lathe	"
13	Gap Type Engine Lathe	"
14	"	"

Code No.	Name of Machine	Remarks
IA6 -15	Gap Type Engine Lathe	D. S.
16	Standard Type Engine Lathe	"
17	Gap Type Engine Lathe	"
18	"	"
19	"	"
20	"	"
21	Standard Type Engine Lathe	"
22	"	"
23	Gap Type Engine Lathe	"
24	"	"
25	"	"
26	"	"
27	Standard Type Engine Lathe	"
28	Gap Type Engine Lathe	"
29	Standard Type Engine Lathe	U.
30	Gap Type Engine Lathe	D. S.
31	"	"
32	Standard Type Engine Lathe	"
33	"	"
34	Gap Type Engine Lathe	"
35	Standard Type Engine Lathe	"
36	Turret Lathe, Saddle Type, Standard	"
37	Standard Type Engine Lathe	"
38	"	"
39	"	"
40	"	"
41	"	"
42	"	"
43	"	"
44	"	"
45	"	"
46	"	"
47	Gap Type Engine Lathe	"
48	Standard Type Engine Lathe	"
49	Gap Type Engine Lathe	"
50	"	"
51	"	"
52	"	"
53	"	"
54	"	"
55	"	"
56	"	"
57	"	"
58	"	"
59	"	"
60	"	"
61	"	"
62	"	"
63	"	"
64	"	"
65	"	"
66	"	"
67	"	"
68	"	"
69	"	"
70	"	"
71	"	"
72	Face Lathe	"

Code No.	Name of Machine	Remarks
IA6 - 73	Turret Lathe, Saddle Type, Standard	D.S.
74	"	"
75	Standard Lathe Engine Lathe	"
76	"	"
IA7 - 1	Milling Machine, Knee Type, Universal	"
2	Thread Milling Machine, External & Internal	"
3	Milling machine, Knee Type, Vertical	"
4	Milling Machine, Bed Type, Vertical	"
5	Milling Machine, Knee Type, Universal	U.
6	Milling Machine, Bed Type, Vertical	D.S.
7	Milling Machine, Knee Type, Universal	"
8	"	"
9	"	"
10	Milling Machine, Knee Type, Vertical	"
11	Milling Machine, Bed Type, Vertical	"
12	"	"
13	"	"
14	"	"
15	milling Machine, Knee Type, Universal	"
16	"	"
17	Milling machine, Knee Type, plain	"
18	Milling Machine, Bed Type, Vertical	"
IA8 - 1	Planer, Open Side	U.
2	Planer, Double Housing	D.S.
3	"	"
4	"	"
5	"	"
6	"	"
7	"	"
8	"	"
9	"	"
10	"	"
11	Planer, Open Side	"
12	Planer, Double Housing	"
13	"	"
14	Planer, Open Side	"
IA9 - 1	Shaper, Horizontal	"
2	Hack Saw	"
3	"	"
4	"	"
5	Slotter	"
6	"	"
7	"	"
8	"	"
9	"	"
10	"	"
11	"	"
12	"	"
13	Hack Saw	"
IB6 - 1	Spring Hammer, Crank Type	"
IC1 - 1	Electric Arc Welding Machine	"
2	Electric Flash Welding Machine	"
3	"	"
4	"	"

<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
IC2 - 1	Hardness Testing Rockwell Type, Testing Machine	D.S.
2	Hardness Testing Shore Type, Testing Machine	"
3	"	"
IC4 - 1	Electric Metal Heating Furnace	"
2	"	"
3	"	"
4	" (Ele Bath)	"
5	"	"
IIA2 - 1	Induction Motor, Alternating	"
2	"	"
3	"	"
IIA6 - 1	Motor Generator (Direct Coupled)	"
IIB1 - 1	Transformer (Indoor Type)	"
2	"	"
3	"	"
4	"	"
5	"	"
6	"	"
7	"	"
8	Transformer (Outdoor Type)	"
9	"	"
IIB2 - 1	Switch Gear (Feeder Panel)	"
2	"	"
3	"	"
4	"	"
5	"	"
6	"	"
7	"	"
8	"	"
IIIB1 - 1	Compressor, Reciprocation	"
IIIB2 - 1	Centrifugal pump	"
2	"	"
IIIC2 - 1	Crane, Overhead Trolley	"
2	"	"
3	"	"
4	"	U.
5	"	D.S.
6	"	"
7	"	"
8	"	"
9	Crane, Electric Hoist	"
10	"	"

DETAILS OF LAND AND BUILDINGS  
UNDER REPARATIONAL CONTROL

Name of Company. Tateyama Jukogyo K.K.,  
2nd Factory  
Location. 1 Shimo-okui, Toyama-shi.  
Industrial Group. Machine Tool  
Plant Code No. 42 - 16

1. Number of Building. 12
2. Area of Land.



LIST OF E.X. MACHINE

Date. 20 Sep., 1949  
 Name of Factory. Tateyamajukogyo K.K., 2nd Factory  
 Location. 1 Shimo-okui, Toyama-ken.  
 Industrial Group. Machine Tool  
 Plant Code No. 42 - 16

<u>Name of Machine</u>	<u>Quantity</u>	<u>Date Approved</u>	<u>Former Location</u>	<u>Reason</u>
Brown-coal Furnace	1	Mar.20,1947 (Approved by word of mouth)	(Newly construct)	To be unable to obtain ordinary coal sufficiently
Rolling Mill	2	Aug.29,1947	( " )	To manufacture "packing rings" used for the smoke-tubes of locomotive
Standard Type Engine Lathe	11	Jan.21,1948	Machine Shop No.2, Factory No.1	To increase the efficiency of the Factory No.2
"	2	"	Wood-working Shop, Factory No.1	"
Shaper	7	"	Machine Shop No.2, Factory No.1	"
Vertical Drilling Machine	1	"	Machine Shop No.1, Factory No.1	"
"	1	"	Subsidiary Shop, Factory No.1	"
Boring Machine	1	"	Machine Shop No.2, Factory No.1	"
Planner	1	"	"	"
Slotter	1	"	"	"
Bench Drilling Machine	1	"	Subsidiary Shop Factory No.1	"
Double Head Grinding Machine	3	"	Machine Shop No.2, Factory No.1	"
"	1	"	Subsidiary Shop, Factory No.1	"
Vertical Milling Machine	1	"	Machine Shop No.2, Factory No.1	"
Finishing Machine (Wood-working Machine)	2	"	(Newly construct)	"
Chamfering Machine (Wood-working Machine)	2	"	( " )	"
Heating Electric Furnace	1	"	( " )	"
Furnace	1	"	( " )	"
Cupola	1	"	( " )	"
Drying Furnace	1	"	( " )	"
Blower	1	"	Boiler Shop, Factory No.1	"
<b>Total</b>	<u>43 sets</u>			

TOA GOSEI KAGAKU KOGYO CO., LTD.  
TAKAOKA PLANT.

No.500, Futagami-Innai,  
Takaoka city, Toyama Pref.

Sept. 24, 1949

To: Chief of the Toyama Civil Affairs Team.  
Thru: The Commercial and Industrial Section of  
Toyama Prefectural Office.  
Subject: Survey of the Equipments designated to be  
under Control.

We hereby present to you the following report on  
the subject mentioned above.

1. The list of the machines used at present (Sept.20)  
- the ones on the Inventory only -

On the following pages.

2. Number of the blocks and area of the sites of  
the buildings designated as reparation matters.

<u>Locality of the buildings</u>	<u>Number of the blocks</u>	<u>Area of the sites (m<sup>2</sup>)</u>
Takaoka	1	296

Takaoka 1 296

3. The list of EX machines (Sept. 20)

- None -

(Sgd) To K. Kawaguchi

For Master of Takaoka Plant,  
Toa Gosei Kagaku Kogyo  
Co., Ltd.

<u>Code No.</u>	<u>List of Machines</u> <u>Name of machine</u>	<u>Takaoka Plant.</u> <u>Remarks</u>
I, A. 1. 1-170	Electrolytic cell	D.S.
II, A. 5 1-7	Rotary convertor	"
II, B. 2 1-7	Switch board	"

The opinion of the surveyor.

1. Is (not) operating. *yes.*
2. The name of production. *The repair parts of reparation machines*
3. Is (not) a concourse plant. *yes.*
4. Is (not) produced for occupation forces, if so  
descript the permission number. *No.*
5. Any objection of plants to removal of survey item. *a little*
6. Further the reference description are kept on the  
remarks column. *yes.*
7. Installed materials and supplies (not)  
take away only but after to removal of repara-  
tion materials *yes.*

T. Shimada

STATEMENT

Tateyama Jukogyo Co., Ltd.  
1 Shimo-Okai, Toyama City

A. MATERIAL STOCKS (NOT INSTALLED)

1. Steels are materials for production of our plant which is permitted to operate and if this materials are taken away, it is fatal to production of this plant and, moreover, they are very valuable materials at such a material crisis as now. We shall be thankful if you will give it a thought, although this material is not construction-material.
2. Bearings (Ditto)
3. Belts (Ditto)
4. Grinding Wheels (Ditto)
5. Wire Ropes (Ditto)
6. Rags are now using at trimming of machines of reparations plant.

B. INSTALLED MATERIALS AND SUPPLIES

1. Fan is reparation machines and is now operating at plant which is allowed to operate, and if it is taken away, production of our plant is obstructed. So we beg you will kindly postpone the purchase of this machine until all the other designated machines are taken away.
2. Suction Pump (Ditto)

2.

3. Single Phase Transformer is a reparation machine and is now operating at the plant which is permitted to operate. If it is taken away, electric supply to the lights and motive power will be cut off and our production will naturally stop. So we beg you will kindly postpone the purchase of this machine until all the other designated machines are taken away.

J. Nakai  
President.

No. 1

Material Stocks ( Not installed )

Item Description	Unit	Quantity	Total Estimated Weight	No. of Carloads	Condition	Remarks
------------------	------	----------	------------------------	-----------------	-----------	---------

Black out lamp	EA	165			New	
Neon Lamp	:	436			:	
Shade Holder	:	100			:	
Shade Tin Plate	SH	277			:	
Ditton Stand	:	129			:	
Ditton Sun Shutter	:	120			:	
Consent 2px15A	EA	114			:	
Full Switch	:	348			:	
Black Tape	M	200			:	
Cap. woden 2Px10A	EA	1,542			:	
Thrust Bearing 0-6	:	5			:	
Ditton 0-10	:	1			:	
: 0-121	:	179			:	
: 0-13	:	21			:	
: 0-16	:	7			:	
: NO. 710	:	1			:	
: No. 907	:	16			:	
: No. 908	:	27			:	
: No. 909	:	6			:	
: No. 911	:	15			:	
: NO. 912	:	2			:	
: No. 913	:	30			:	
: No. 914	:	62			:	
: No. 915	:	45			:	
: No. 917	:	12			:	
: No. 919	:	8			:	

No. 2

Ditto	No. 280	:	8
:	No. 284	:	1
Thrust Bearing			
Ditto	No. 1904	:	25
:	No. 1905	:	7
:	No. 2900	:	13
:	No. 2900 1/2"	:	9
:	No. 2900 1 1/8"	:	20
:	No. 2907 1 1/4"	:	9
:	No. 2907	:	85
:	No. 2908	:	35
:	No. 2908 1 5/8"	:	5
:	No. 2909	:	189
:	No. 2911	:	37
:	No. 2911 2 1/8"	:	24
:	No. 2912	:	282
:	No. 2913	:	4
:	No. 2914	:	239
:	No. 2915	:	32
:	No. 2917	:	7
:	No. 2918	:	57
:	No. 2920	:	19
:	No. 2923	:	10
:	No. 2924	:	10
:	No. 3705	:	5
:	No. 3706	:	9
:	No. 3905	:	5
:	No. 2907	:	14
:	No. 2908	:	6
:	No. 2912	:	10

New



No. 3

	EA		New
Thrust Bearing No. 51104	EA	3	
Ditto No. 51108	:	49	:
: No. 51106	:	1	:
: No. 51109	:	1	:
: No. 51111	:	2	:
: No. 51112	:	40	:
: No. 51118	:	172	:
: No. 51207	:	10	:
: No. 51208	:	8	:
: No. 51210	:	19	:
: No. 51213	:	5	:
: No. 51214	:	63	:
: No. 51215	:	7	:
: No. 51220	:	4	:
: No. 18059	:	3	:
Ball Bearing (Single)			
Ditto -7	:	15	:
: -9	:	18	:
: -10	:	35	:
: -17	:	16	:
: -18	:	4	:
: -3	:	1	:
: RIS-9	:	12	:
: RMS-12	:	1	:
: No. 6005	:	5	:
: No. 6010	:	5	:
: No. 6200	:	64	:
: No. 6207	:	82	:
Ball Bearing (Single)			
Ditto No. 6214	:	71	:
: No. 6215	:	5	:

No. 4

Ditton	No.	SA		New
	No. 6216	SA	68	
:	No. 6219	:	5	:
:	No. 6300	:	11	:
:	No. 6307	:	41	:
:	No. 6315	:	27	:
:	No. 6317	:	2	:
:	No. 6406	:	14	:
:	No. 7205	:	7	:
Ball Bearing ( Double )	Ditton No. 2207	:	9	:
:	No. 2208	:	2	:
:	No. 2209	:	2	:
:	No. 2211	:	1	:
:	No. 2306	:	22	:
:	No. 5208A	:	7	:
:	5310A	:	97	:
:	No. 10410	:	1	:
:	RM 6	:	17	:
:	RM 11	:	17	:
:	No. 1281(13303)	:	211	:
:	No. 1200	:	3	:
:	No. 1202	:	21	:
:	No. 1203	:	13	:
:	No. 1205	:	42	:
:	No. 1206	:	3	:
:	No. 1207	:	9	:
:	No. 1207 1 1/8	:	13	:
:	No. 1208	:	24	:
:	No. 128 1 1/4	:	43	:
:	No. 1209	:	13	:

No. 5

Ditton	No.	EA		New
	No. 1210	EA	19	
:	No. 1211	:	27	:
:	No. 1212	:	51	:
:	No. 1213	:	4	:
:	No. 1214	:	3	:
:	No. 1216	:	1	:
:	No. 1217	:	4	:
:	No. 1301	:	2	:
:	No. 1302	:	34	:
:	No. 1305	:	2	:
:	No. 1306	:	3	:
:	No. 1307	:	2	:
:	No. 1308	:	8	:
:	No. 1309	:	36	:
:	No. 1310	:	19	:
:	No. 1311	:	5	:
:	No. 1312	:	1	:
:	No. 1313	:	1	:
:	No. 1314	:	1	:
:	No. 1315	:	1	:
:	No. 1409	:	13	:
Ball Bearing	NL 25	:	2	:
Ditton	NL 35	:	8	:
	NL 40	:	4	:
:	NL 45	:	30	:
:	NL 50	:	24	:
:	NL 55	:	2	:
:	NL 60	:	3	:
:	NL 30	:	9	:
:	NL 40	:	9	:
:	NEL 40	:	36	:

No. 6

Ditton		EA		New
	NFL 55		1	
:	NFL 60	:	1	:
:	NFL 65	:	9	:
:	NFL 75	:	1	:
:	NM 30	:	2	:
:	NM 40	:	4	:
:	NM 45	:	4	:
:	NM 50	:	39	:
:	NM 55	:	27	:
:	NM 60	:	1	:
:	VNM 25	:	3	:
:	VNM 45	:	67	:
:	VNM 50	:	3	:
:	NFM 50	:	135	:
:	NFM 55	:	5	:
:	NFM 60	:	2	:
:	NFM 65	:	2	:
:	NFM 70	:	1	:
Roller Bearing	Ditton NFM 75	:	2	:
:	NFM 80	:	2	:
:	NFM 50	:	6	:
:	No. 22213	:	15	:
:	No. 22310	:	6	:
:	No. 30205	:	37	:
:	No. 30206	:	142	:
:	No. 30207	:	91	:
:	No. 30208	:	171	:
:	No. 30209	:	4	:
:	No. 30210	:	3	:
:	No. 30211	:	160	:

No. 7

Ditton	No.	EA		New
	No. 30212		1	
:	No. 30213	:	27	:
:	No. 30214	:	96	:
:	No. 30215	:	1	:
:	No. 30216	:	2	:
:	No. 30217	:	13	:
:	No. 30302	:	4	:
:	No. 30305	:	17	:
:	No. 30306	:	2	:
:	No. 30308	:	121	:
:	No. 30309	:	171	:
:	No. 30310	:	8	:
:	No. 30311	:	1	:
:	No. 30312	:	14	:
:	No. 30315	:	5	:
:	No. 30317	:	25	:
:	No. 30318	:	60	:
:	No. 31313	:	2	:
:	No. 32206	:	9	:
:	No. 32212	:	21	:
:	No. 32214	:	6	:
:	No. 32216	:	20	:
:	No. 32218	:	203	:
:	No. 32305	:	4	:
:	No. 32309	:	70	:
:	No. 32310	:	15	:
	Bearing Case S 51000		1	
Ditton	S 510	:	1	:
:	S 511	:	2	:
:	S 516	:	1	:

No. 8

Ditton	RL 45	EA		New
:	3-11(1611)	:	5	:
:	M-11(1511)	:	10	:
:	M-13(1513)	:	11	:
:	M-15(1515)	:	2	:
:	1 3/4"	:	2	:
:	1 5/8"	:	2	:
:	1 7/8"	:	1	:
:	2"	:	1	:
:	2 1/4"	:	2	:
:	2 1/2"	:	1	:
Ditton(Gun)	2 1/2"	:	7	:
Bearing Case	2 3/4"	:	1	:
Timken (Motor)		:		:
Ditton	592, 598	:	14	:
:	567, 563	:	19	:
:	456, 453	:	10	:
:	440, 432	:	11	:
:	44162, 44348	:	11	:
:	2558, 2530	:	28	:
:	44354, 44157	:	8	:
Silk Belt	1"x610m/m	ROLL	7	:
Ditton	1 1/4"x250m/m	:	48	:
:	1 1/4"x3030m/m	:	4	:
:	30m/mx620m/m	:	15	:
:	30m/mx630m/m	:	24	:
:	30m/mx950m/m	:	16	:
:	30m/mx960m/m	:	22	:
:	30m/mx1140m/m	:	12	:
:	30m/mx1150m/m	:	16	:
:	36m/mx860m/m	:	1	:
:	40m/mx620m/m	:	54	:

No. 9

Ditton	40m/mx630m/m	Roll	1	New
:	40m/mx680m/m	:	1	:
:	50m/mx11 <sup>4</sup> 00m/m	:	77	:
:	50m/mx2240m/m	:	63	:
V Belt	No. 23	:	5	:
:	No. 25	:	1	1
Ditton	No. 26	:	1	:
:	No. 27	:	3	:
V-Belt(A)	No. 28	:	10	:
Ditton	No. 29	:	27	:
:	No. 30	:	4	:
:	No. 31	:	22	:
:	No. 32	:	43	:
:	No. 35	:	9	:
:	No. 36	:	56	:
:	No. 37	:	28	:
:	No. 38	:	1	:
:	No. 42	:	66	:
:	No. 43	:	5	:
:	No. 45	:	51	:
:	No. 46	:	13	:
:	No. 47	:	11	:
:	No. 49	:	47	:
:	No. 51	:	3	:
:	No. 55	:	45	:
:	No. 56	:	7	:
:	No. 58	:	20	:
:	No. 60	:	19	:
:	No. 63	:	1	:

No. 10

Ditton	No.	Roll		New
	No. 64		138	
:	No. 65	:	60	:
:	No. 68	:	6	:
:	No. 70	:	21	:
:	No. 75	:	1	:
:	No. 78	:	1	:
:	No. 80	:	27	:
V-Belt(A)	No. 85	:	1	:
Ditto	No. 90	:	5	:
:	No. 95	:	61	:
:	No. 96	:	19	:
:	No. 105	:	5	:
:	No. 110	:	10	:
V-Belt(B)	No. 38	:	18	:
Ditto	No. 41	:	1	:
:	No. 42	:	13	:
:	No. 46	:	24	:
:	No. 47	:	24	:
:	No. 51	:	13	:
:	No. 55	:	22	:
:	No. 56	:	38	:
:	No. 60	:	234	:
:	No. 61	:	91	:
:	No. 62	:	172	:
:	No. 63	:	2	:
:	No. 64 1/2	:	100	:
:	No. 65	:	76	:
:	No. 68	:	146	:
:	No. 69	:	100	:
:	No. 70	:	236	:



No. 11

Ditto	No. 71	Roll	22	New
:	No. 72	:	50	:
:	No. 75	:	130	:
:	No. 80	:	130	:
:	No. 83	:	17	:
V-Belt(B)	No. 85	:	138	:
Ditto	No. 90	:	3	:
:	No. 91	:	14	:
:	No. 95	:	32	:
:	No. 96	:	5	:
:	No. 105	:	9	:
:	No. 110	:	2	:
:	No. 115	:	1	:
:	No. 120	:	2	:
V-Belt(C)	No. 68	:	4	:
Ditto	No. 93	:	2	:
Lacure Enamel	4GAL	:	:	:
Ditto Grey	Drum		20	Poor
:	Yellow	:	6	:
:	Red	:	1	:
:	Black	:	3	:
:	Dark Blue	:	2	:
:	White	:	1	:
:	(Woksi)	:	23	:
Fire Brick	EA		4,500	New
Steam Radiator	:		11	:
Two Persons Hand Pump	:		5	:
Scrap Copper 40 Kg	BAG		28	:
Rags	Kg		400	Good
Moulding 3 Con	Pesce		973	:
:	2 Con	:	382	:

No. 12

Good	Arm	Peace	20	Good
Wire Rope	20mm dia. m		15	20 Kg New
Ditto	20 dia. :		19	26 :
:	20 :	:	6	8 :
:	20 :	:	30	42 :
:	20 :	:	7	9 :
:	20 :	:	15	20 :
:	20 :	:	6	9 :
:	20 :	:	41	55 :
:	20 :	:	15	20 :
:	20mm :	:	50	80 :
:	22mm :	:	45	72 :
:	22 0 :	:	90	145 :
:	22 dia. :	:	93	150 :
:	22 :	:	60	72 :
:	22 :	:	26	42 :
:	22 :	:	13	22 :
:	22 :	:	12	20 :
:	22 :	:	12	20 :
:	22 :	:	36	60 :
:	22 :	:	40	65 :
:	24mm :	:	13	26 :
:	24 24 :	:	7	13 :
:	24 :	:	7	13 :
:	25mm :	:	8	19 :
:	26mm :	:	73	175 :
:	26 :	:	12	25 :
:	26 :	:	8	13 :
:	26 :	:	12	25 :
:	26mm :	:	25	57 :

No. 13

Wire Rope	26 dia.	m	17	39	Hex
Ditto	26	:	30	67	:
:	26	:	30	72	:
:	26	:	30	69	:
:	26	:	11	26	:
:	27mm	:	42	110	:
:	27	:	65	165	:
:	27	:	38	250	:
:	28mm	:	97	250	:
:	28	:	10	47	:
:	28	:	23	65	:
:	28	:	20	52	:
:	28	:	28	62	:
:	28	:	19	49	:
:	28	:	20	52	:
:	28	:	16	46	:
:	30mm	:	57	110	:
:	30	:	59	150	:
:	30	:	20	70	:
:	30	:	14	38	:
:	30	:	7	25	:
:	30	:	6	22	:
:	30	:	8	19	:
:	30	:	6	20	:
:	30	:	24	80	:
:	30	:	22	70	:
:	30	:	16	55	:
:	30mm	:	26	70	:
:	30	:	13	45	:

No. 14

Item	Quantity	Unit	Condition	No. of Machine
Ditto 30 dia.	15	m	New	
Clear Lacure	12	Drum	Poor	
Lacure Surfacer	1			
Compounding Paint	1			
Resin Varnish	1			
Carbolic Varnish	33			
Anti-fire Paint	48			
Saurum Carbonate	100		New	
Salt for Saltbathé	7			
Carborizer(25 Kg)	70			
Ditto (130 Kg)	80			
Fan 17.2m/min	40	Kg	Good	141
Motor for above				141
Ditto 2HPx4F				158
Fan 17.2m/min	40			158
Motor for above				159
Ditto 3HPx2F				159
Fan 16.6m/min	40			143
Motor for above				143
Ditto 5HPx4F				283
Suction Pump 0.1m/min	80			163
Motor for above				163
Ditto 1HPx4F				281
Suction Pump 0.15m/min	30			163
Phase Transformer				163
Ditto 3K.U.A.				163
3300/220 105V	58			281
Ditto 30K.U.A.	135			
330/210 105V				
North Class Insulation				
Wire				
Ditto 1.6m/m	1451	70 Kg		
	2.0	951	59	
	2.6	1957	168	

No. 1

Fan 17.2 m/min 19 40  
 Motor for above

No. 141 of Machine

Ditto 2 HP x 4P

No. 141

Fan 17.2 m/min " 40

No. 158

Motor for above

Ditto 3 HP x 2P

No. 158

Fan 16.6 m/min " 40

No. 159

Motor for above

Ditto 5 HP x 4P

No. 159

Suction pump 0.1 m/min " 40

No. 161

Motor for above

Ditto 1 HP x 4P

No. 161

Suction pump 0.5 m/min " 40

No. 161

Phase transformer " 5T

No. 160

Ditto 3K. V.A

3300/220 105V

Ditto 30K. V.A " 1T

No. 251

3300/220 105V

Health class illumination

wire

Ditto 1.6 m/min " 1451 70K9

Ditto 2.0 " " 1451 59 "

Ditto 2.6 " " 1451 168 "

no. 12

Ditto	5.5m/m	m	191	13 kg	Good
:	8	:	450	54	:
:	14	:	430	83	:
:	22	:	347	100	:
:	30	:	12	4	:
:	50	:	800	523	:

Second Class Insulation Wire

Ditto	1.5m/m	m	56	2 kg	Good
:	2.0	:	215	11	:
:	2.6	:	30	23	:
:	3.2	:	40	4	:
:	5	:	560	123	:

Bare Wire 2.0 :

Ditto 3.0 :

:

:

:

:

Bus Bar 50m/ax5m/m m 102 234

Ditto 30m/ax5m/m : 125 180

:

Flexible Cord kg 6 6

Conduit Pipe

Ditto 1/16"x5/8" m 6

:

:

:

:

Bushing 1/16"x5/8" EA 4

Ditto 1/16"x3/4" : 18

Ditto 1/16"x1" : 50

No. 13

Ditto	1/16"x1 1/2"	EA	38	Good
:	1/16"x2 1/2"	:	4	:
Coupling	1/16"x5/8"	:	2	:
Ditto	1/16"x1"	:	29	:
:	1/16"x3/4"	:	16	:
:	1/16"x1 1/8"	:	16	:
Normal Bend				
Ditto	1/16"x1 1/8"	:	2	:
:	1/16"x1 1/2"	:	3	:
:	1/16"x2 1/2"	:	1	:
Saddle				
Ditto	1/16"x1"	EA	50	:
	1/16"x1 1/2"	:	54	:
	1/16"x2 1/2"	:	6	:
Switch With Cover				
Ditto	2Px 10A	EA	14	:
:	2Px 20A	:	16	:
:	2Px 30A	:	8	:
:	2Px 75A	:	1	:
:	3Px 30A	:	2	:
Knife Switch				
Ditto	2Px 10A	EA	5	:
:	2Px 20A	:	1	:
:	2Px 75A	:	1	:
:	2Px 100A	:	10	:
:	2Px 150A	:	1	:
:	2Px 200A	:	2	:
:	3Px 20A	:	20	:
:	3Px 25A	:	3	:
:	3Px 30A	:	37	:
Knife Switch				
Ditto	3Px 50A	EA	14	:
:	3Px 75A	:	10	:
:	3Px 100A	:	4	:

No. 7

Ditton 3Px150A	EA	7	Good
Oil Switch			
Ditton 3Px150A	:	7	:
:	2Px 75A	:	1
Magnetic Switch			
Ditton 3Px100A	EA	1	:
Pull Switch			
250Vx3A	:	3	:
Rosette	:	75	:
Knob Insulator	:	1550	:
Pin Insulator	:	949	:
Shackle Insulator	:	80	:
Consent 2Px 10A	:	15	:
:	3Px 30A	:	14
Bracket	:	53	:
Chain Pendant	:	51	:
Tube 3/8"x5"	:	2	:

## Remarks:

All machines, materials (installed) of above items have been used now in the plants allowed driving, also as operating, keeping, repairs, etc., of reparations plants, will be jeopardized by removal of above items, need not to purchase till removal of all machines.



MGP 37

# REPARATIONS PLANTS MATERIALS

PAGE      OF      PAGES

NAME OF PLANT, LABORATORY, OR ARSENAL:

工場、研究所又ハ兵器廠ノ名稱

LOCATION: TATEYAMA JUKOGYO

所在地 I. Shimoduki TOYAMA - Shi

SIGNATURE OF OWNER OR CUSTODIAN:

所有者又ハ管理人ノ署名

P. Nakai / President

## 賠償工場ノ資材

CONTRACTOR'S REPRESENTATIVE:

契約者ノ代表者

Gen Contractors Ass'n of JAPAN  
Sato Gumi T. Shimada  
(TOYAMA Branch Member)

\*\* SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:

當該地區日本連絡官ノ署名

TOYAMA Prefecture Kei Matsuda

DATE:

日附 JAN 31 1947

### MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	CONDITION ***	REMARKS
品目名稱	單位	數量	見積總重量	積込貨車數	狀態	摘要

\* Owner or custodian to attach statement if he desires.

所有者又ハ管理人ハ必要ニ應ジ説明書ヲ添付ノコト.

\*\* Prefectural Japanese Liaison Officer to attach statement if he desires.

當該地區連絡官ハ必要ニ應ジ説明書ヲ添付ノコト.

\*\*\* Describe as New, Good, or Poor. "Good" will indicate "suitable for general use." "Poor" will indicate "not suitable for reuse."

狀態ニハ新品、良品、不良品ト記載ノコト。良品ハ一般使用ニ適スルモノ。不良品ハ再使用ニ適サザルモノヲ示ス。

Eight Army Printing Plant, Wash DC 2738

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

INSTALLED MATERIALS AND SUPPLIES 施設濟ノ資材

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	REMARKS
品目名稱	單位	數量	見積總重量	積込貨車數	摘 要

FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.

IS NOT AN ENEMY SURRENDERED FACILITY.  
 IS NOT A REPARATION FACILITY.  
 IS NOT PRODUCING FOR OCCUPATION FORCES.  
 IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

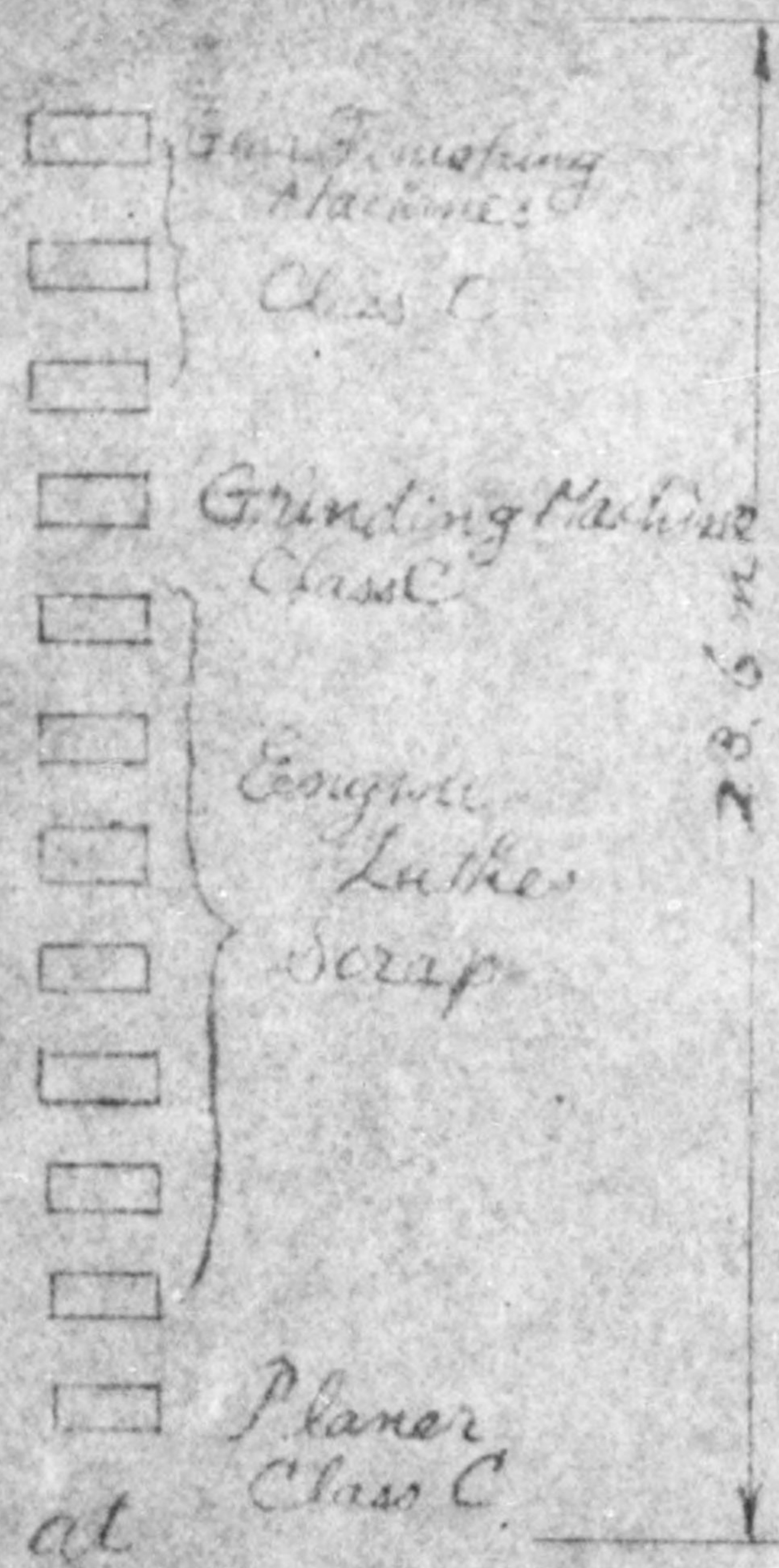
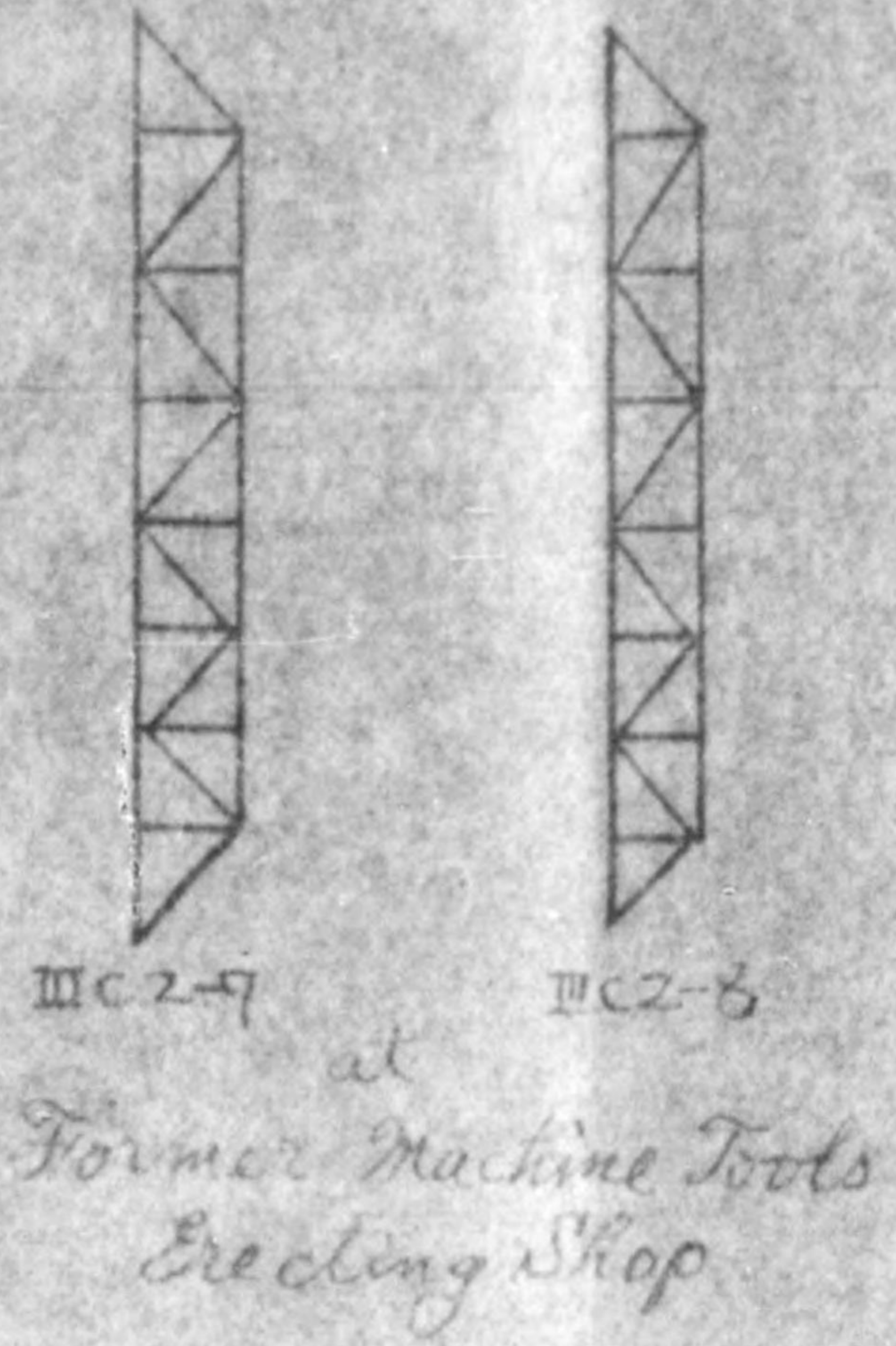
HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY IS ~~(NOT)~~ OPERATING.  
 ANY OBJECTION TO REMOVAL OF ABOVE ITEMS:

*No objections except to removal of fence*

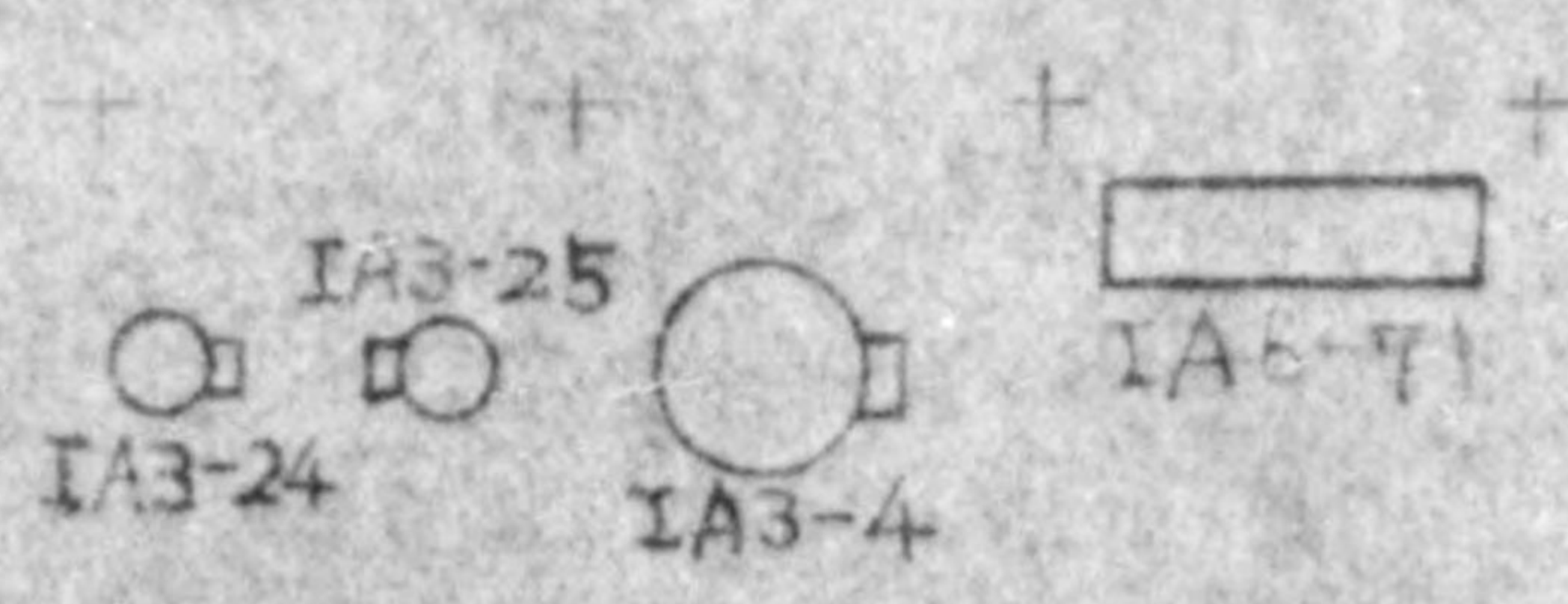
CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.  
 CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR (REOPENING) ~~(CLOSING)~~ THE PLANT.

STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:

*No machinery will be jeopardized*

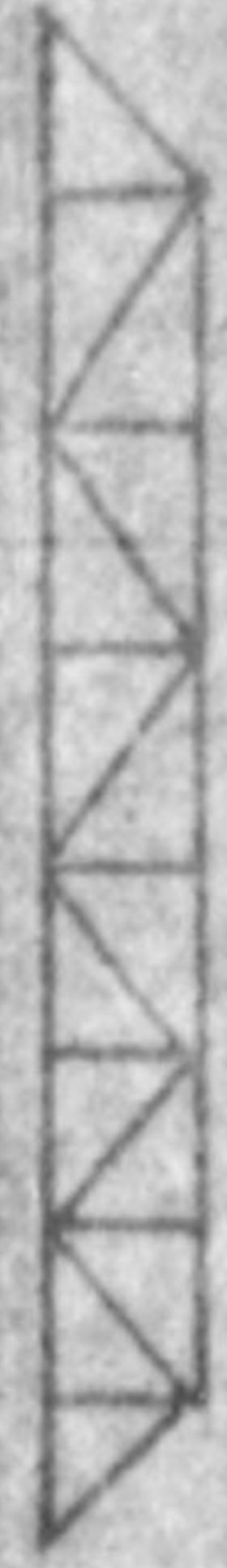


at Warehouse



Mach

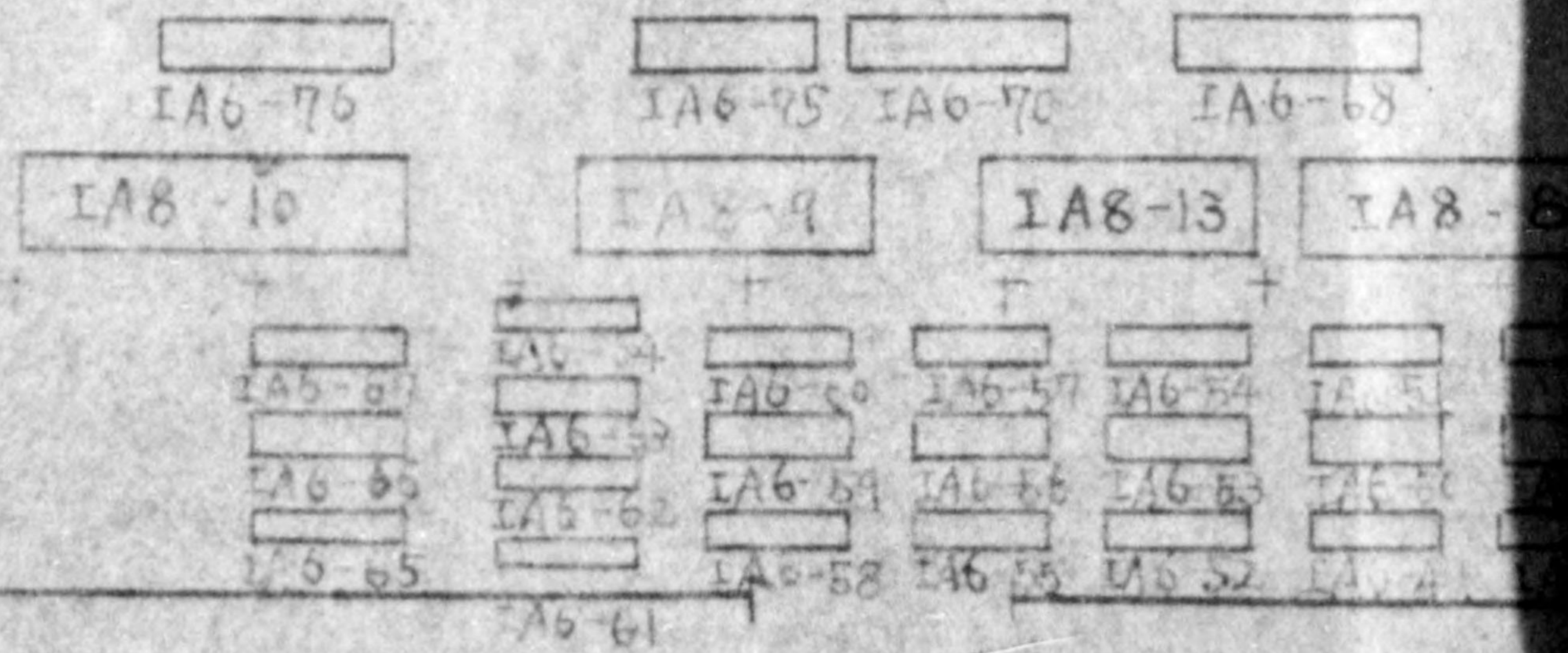
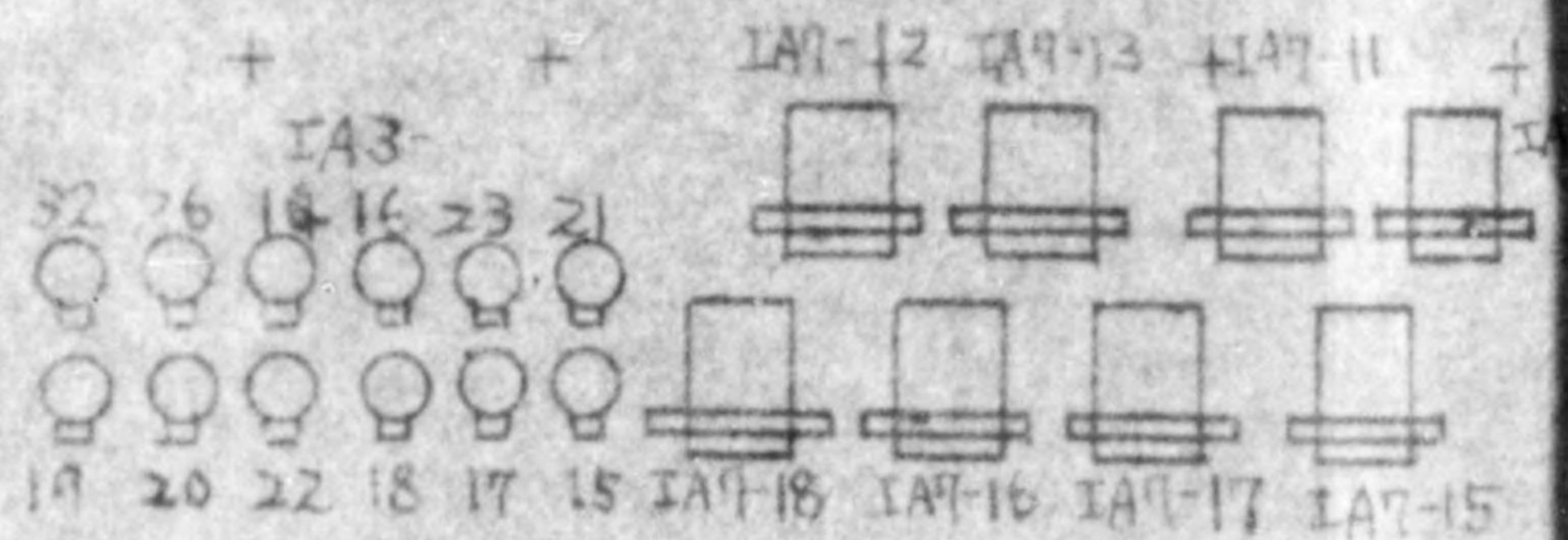
# The Disposition of Reparations Machinery and



MC2-8

Machine Tools  
Shop

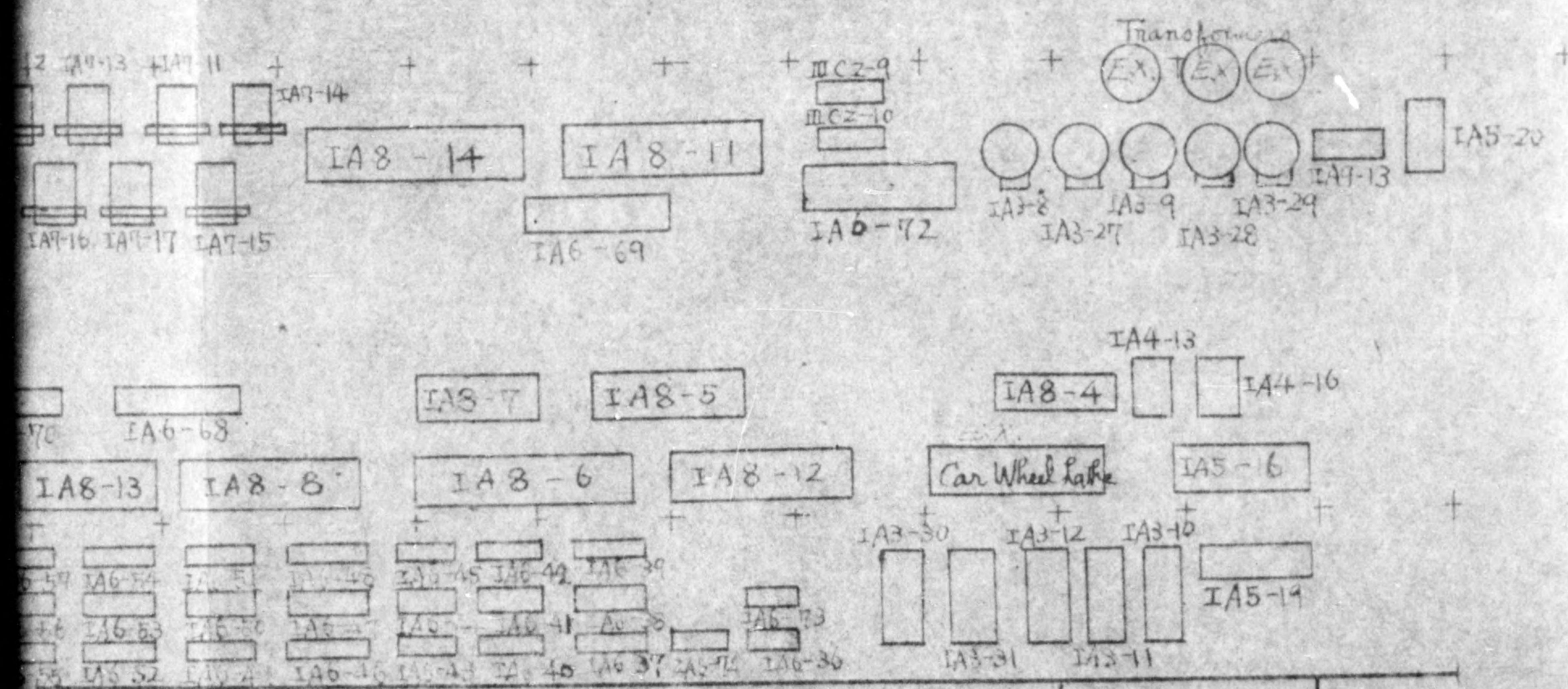
Machine Warehouse



# Location Plan

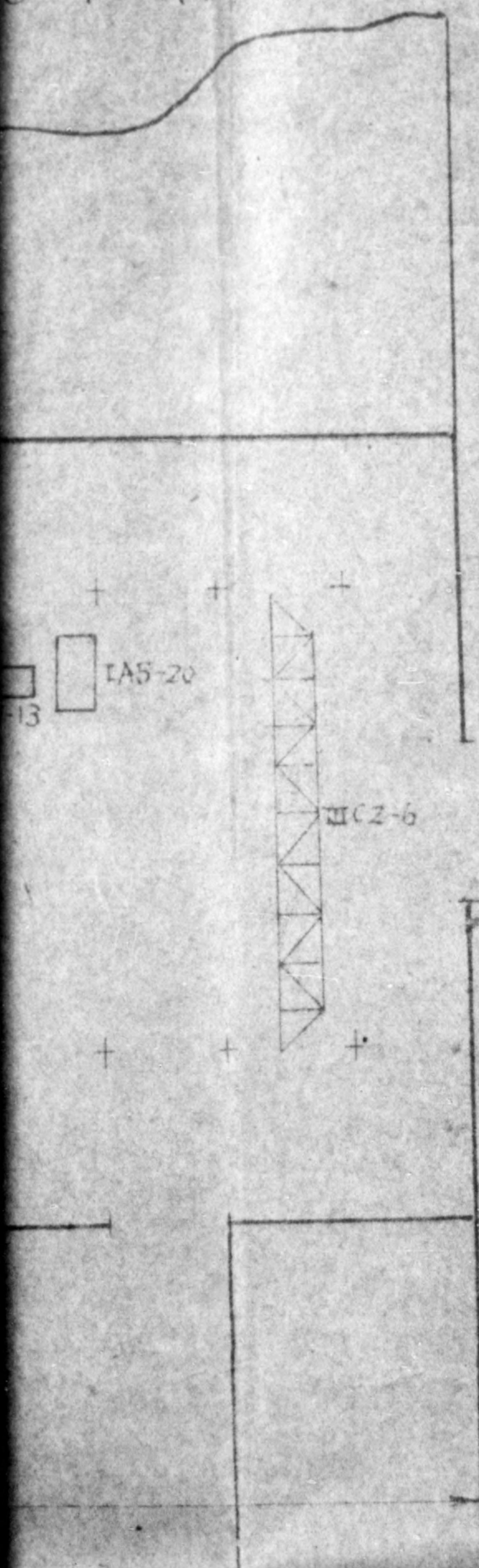
## Building and Equipment Blue Print No. 1

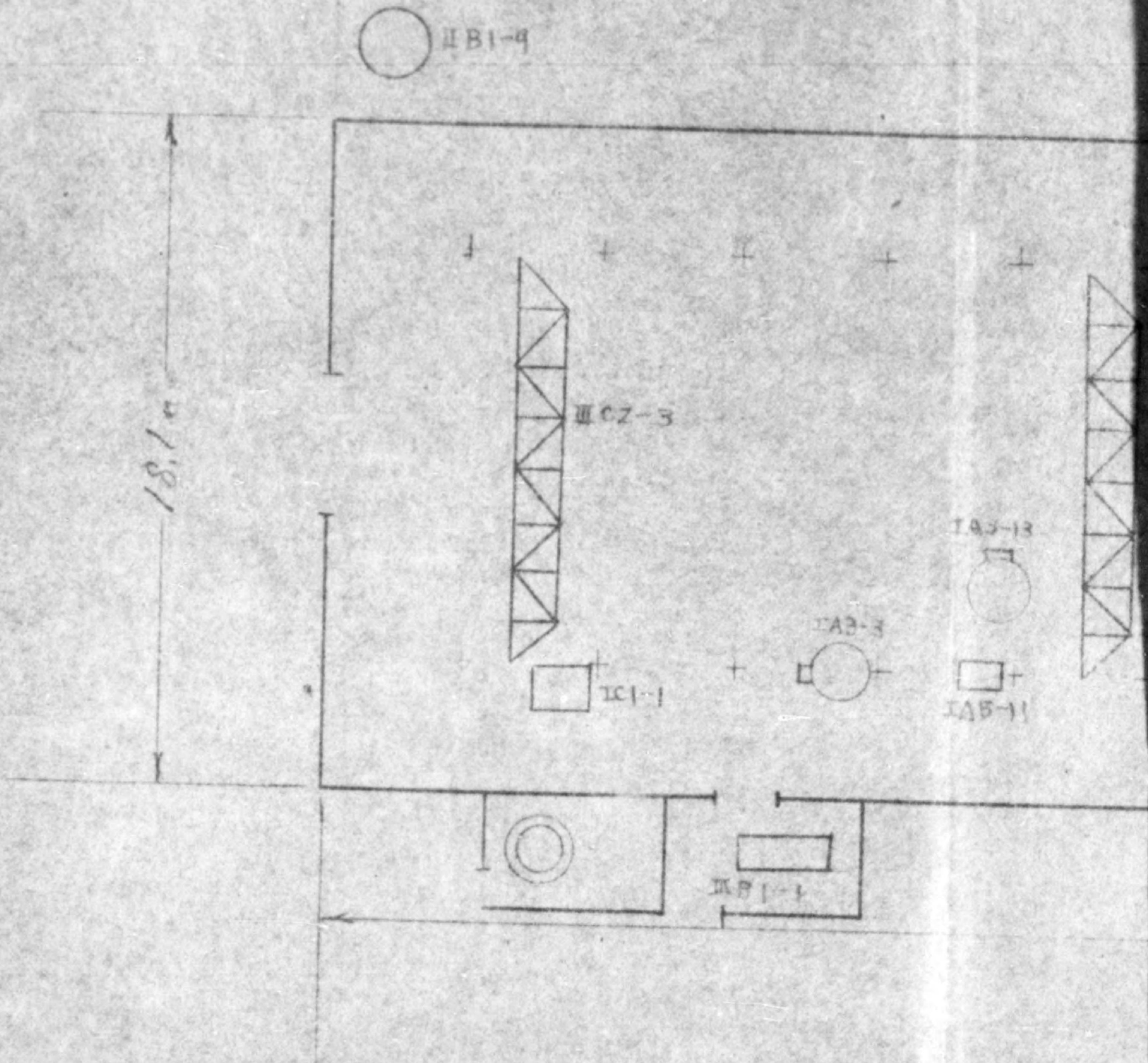
1/200



018 m

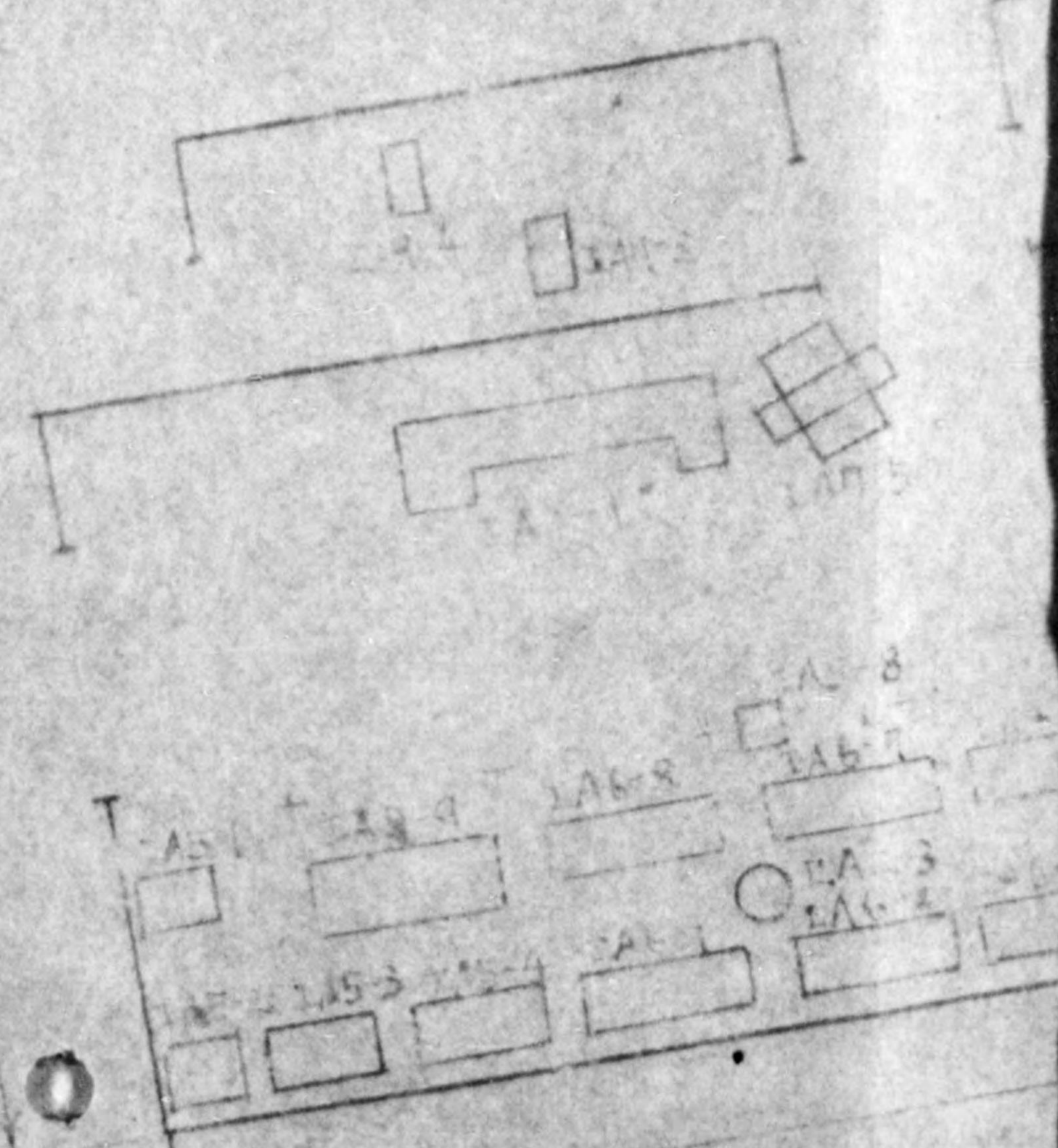
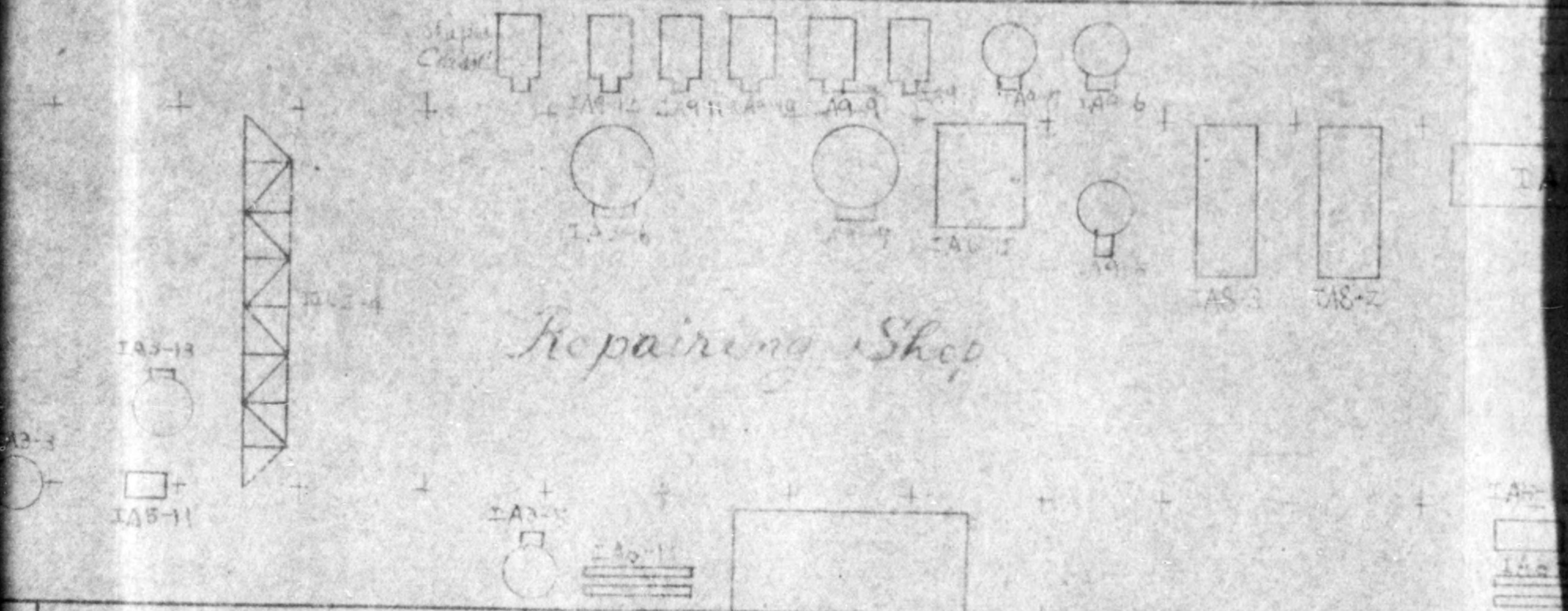
Plot No. 1





ИВ2-2

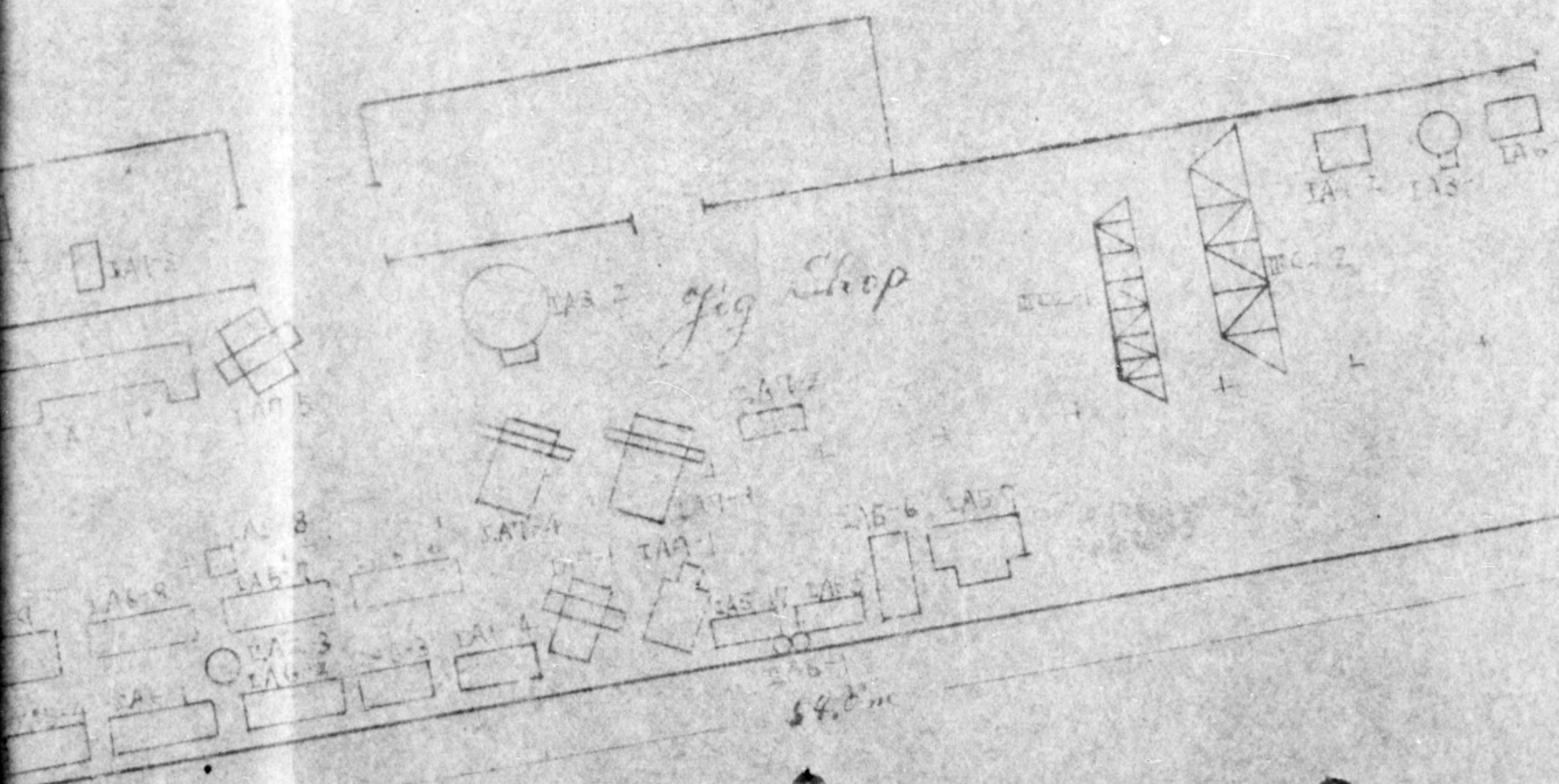
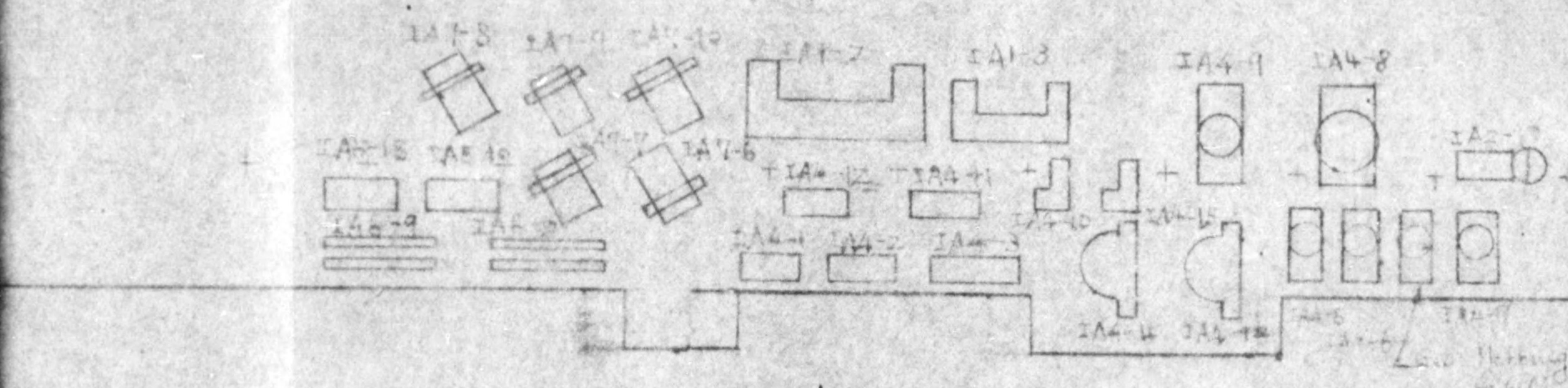
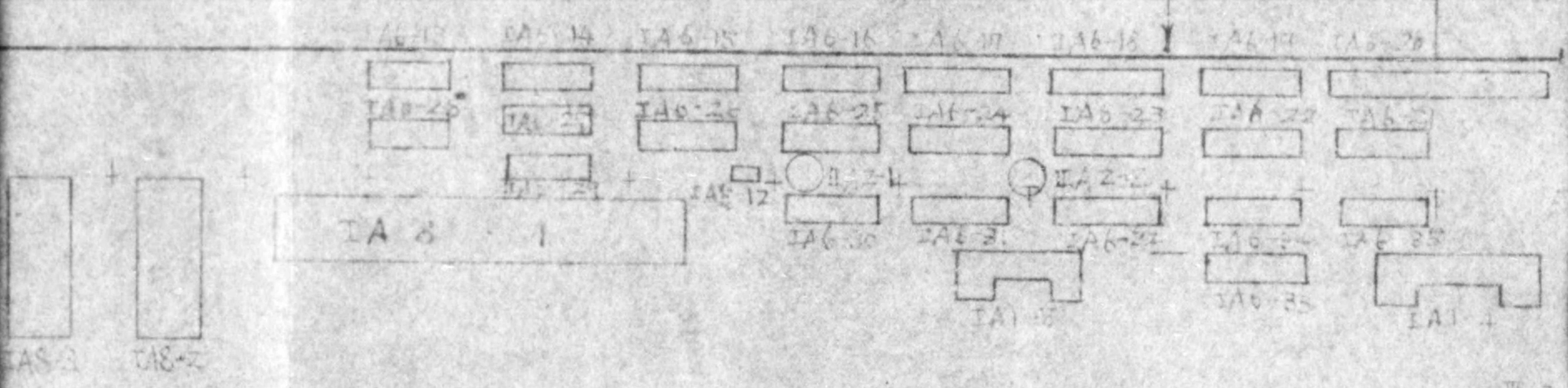
1018 m





1918 m

181







製品倉庫

Warehouse of Finished Goods

Planner  
Gear Finishing  
class C  
Machines  
class C

機械倉庫

Machine Warehouse

R-9 R-11 R-12 R-13 R-14  
R-8 IW-1  
R-7 IW-2  
R-6 R-5  
R-2 R-4  
R-1 R-3

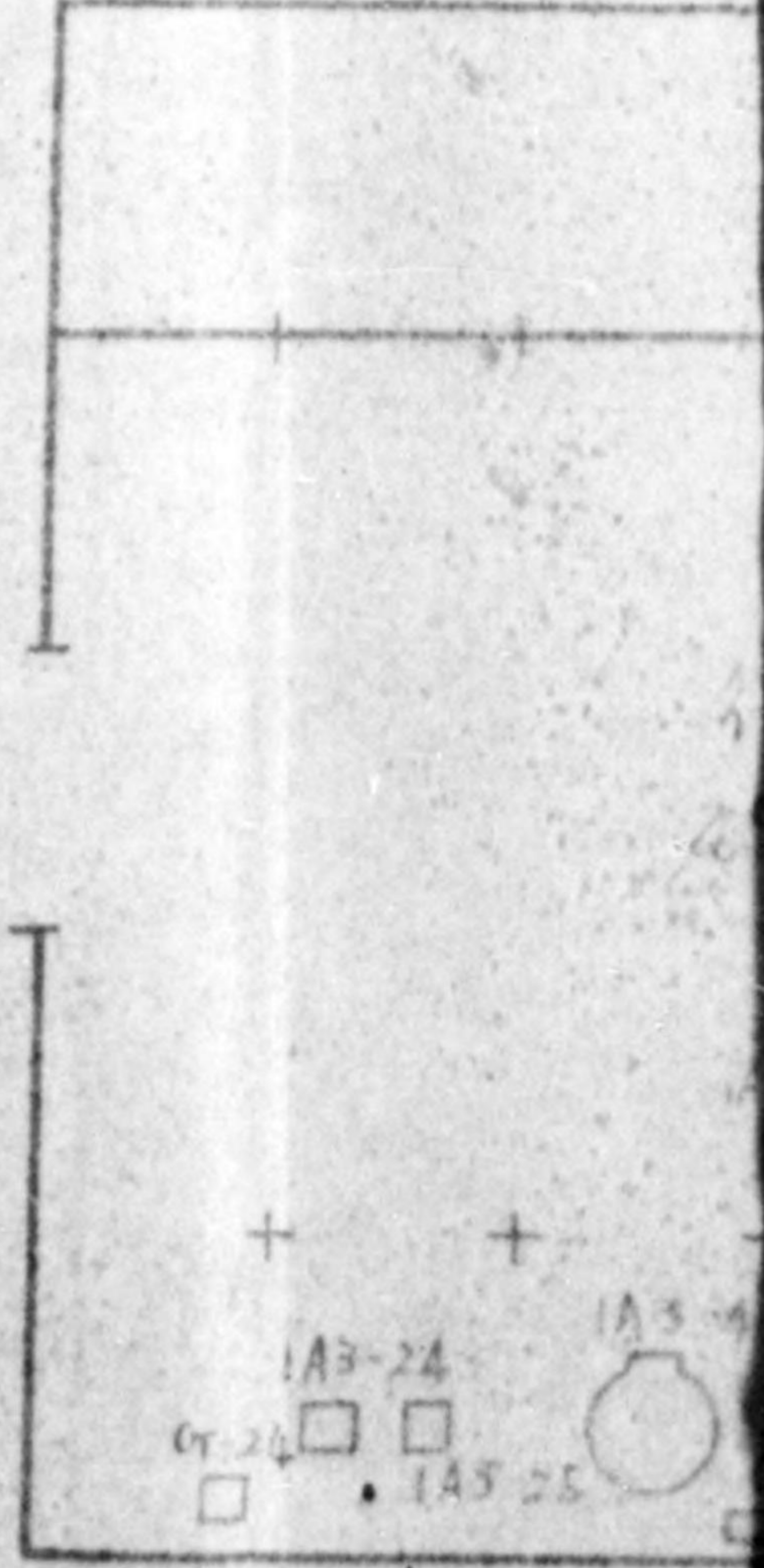
木管職場

Robbin Shop

Engine Lathe Scrap grinding machine Class C



MC 7



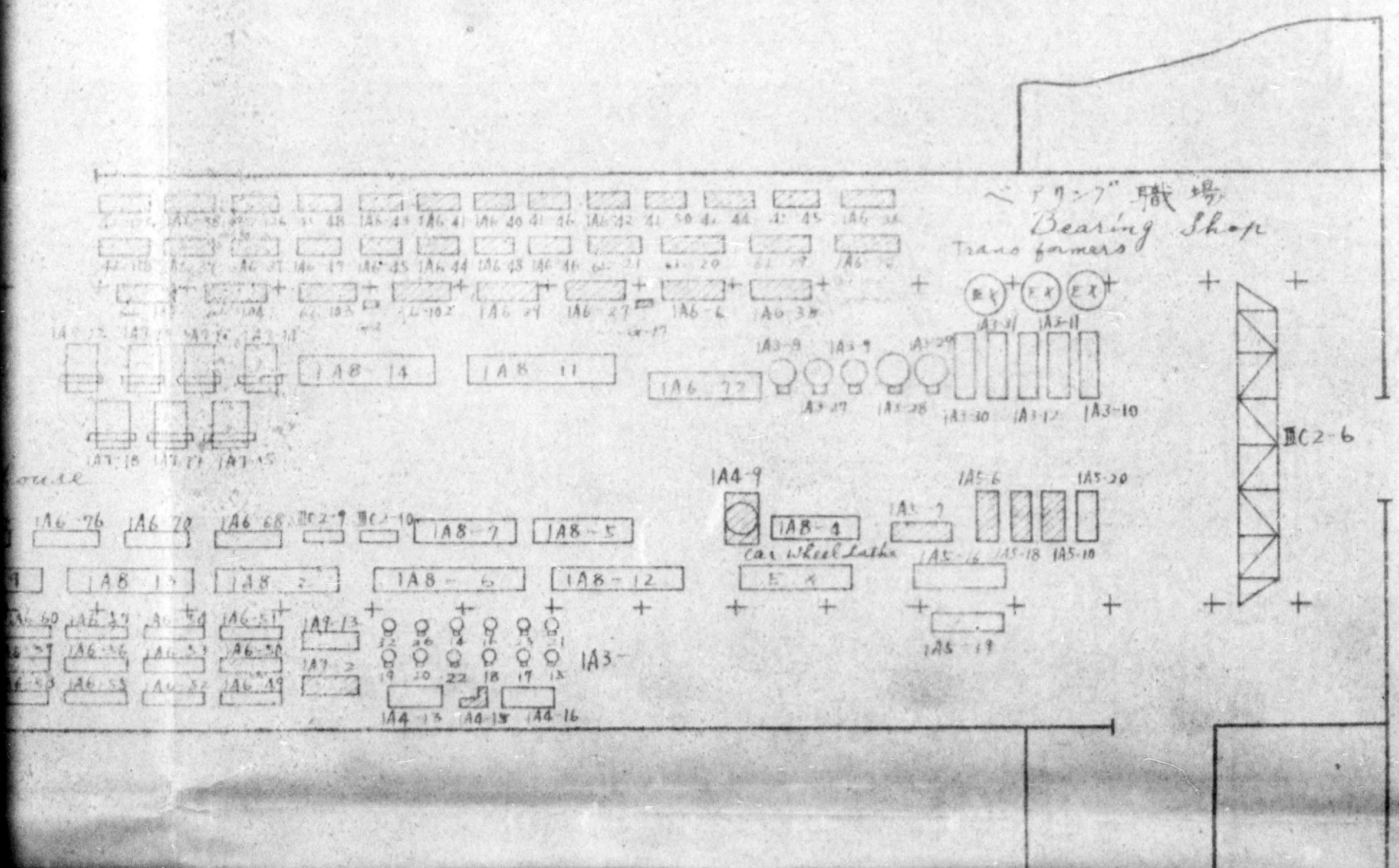
IA3-24 IA3-25 IA3-26



# 工場機械配置面

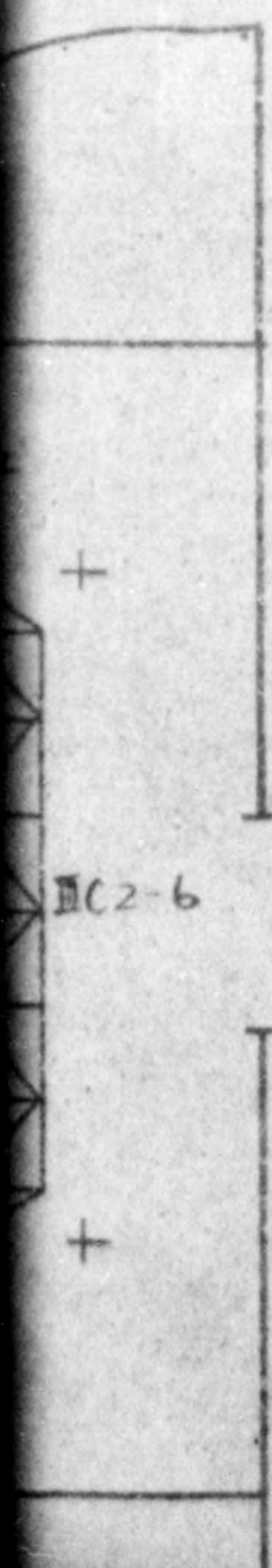
Plan

Factory (Second Factory) Blue Print

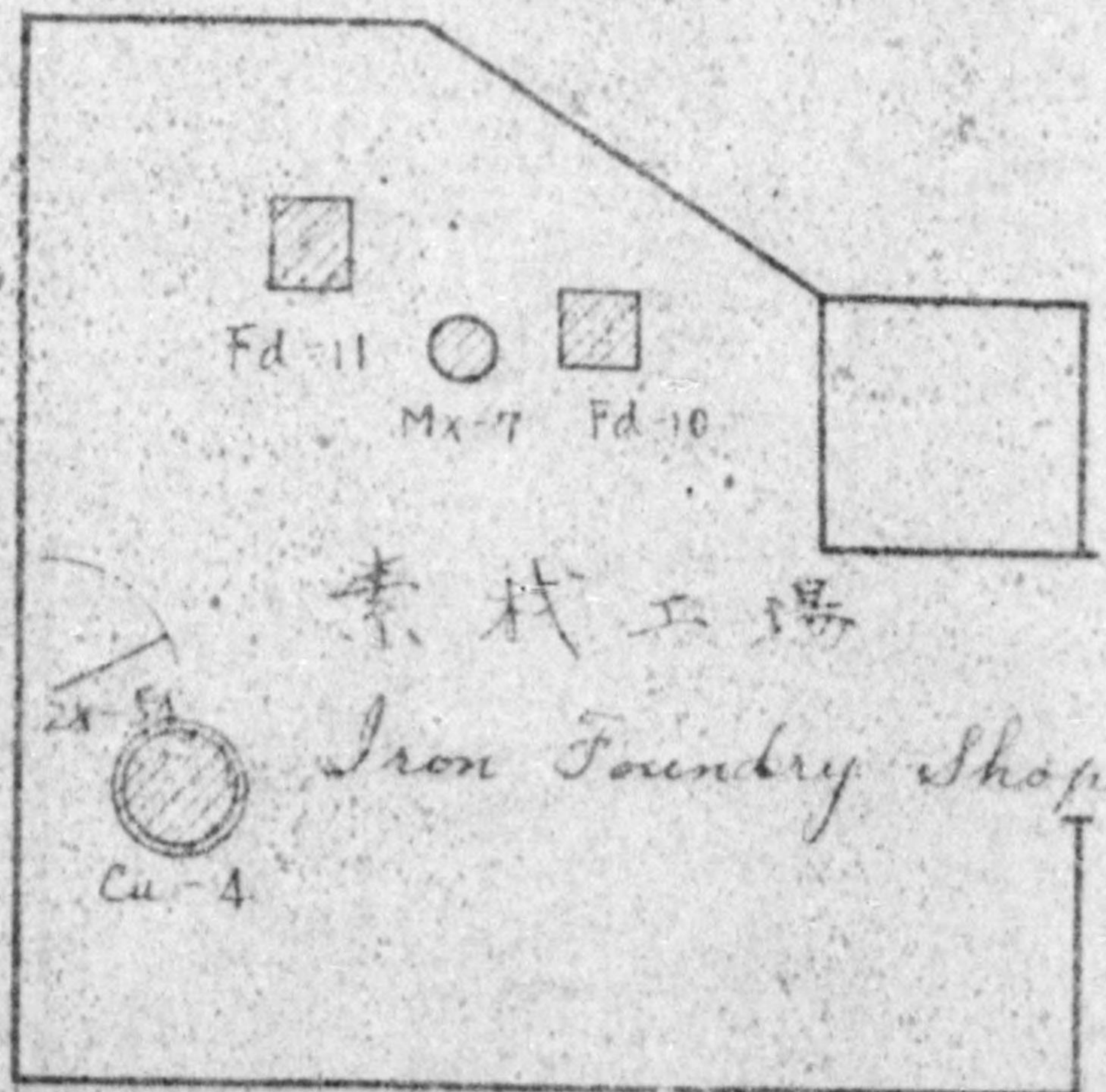
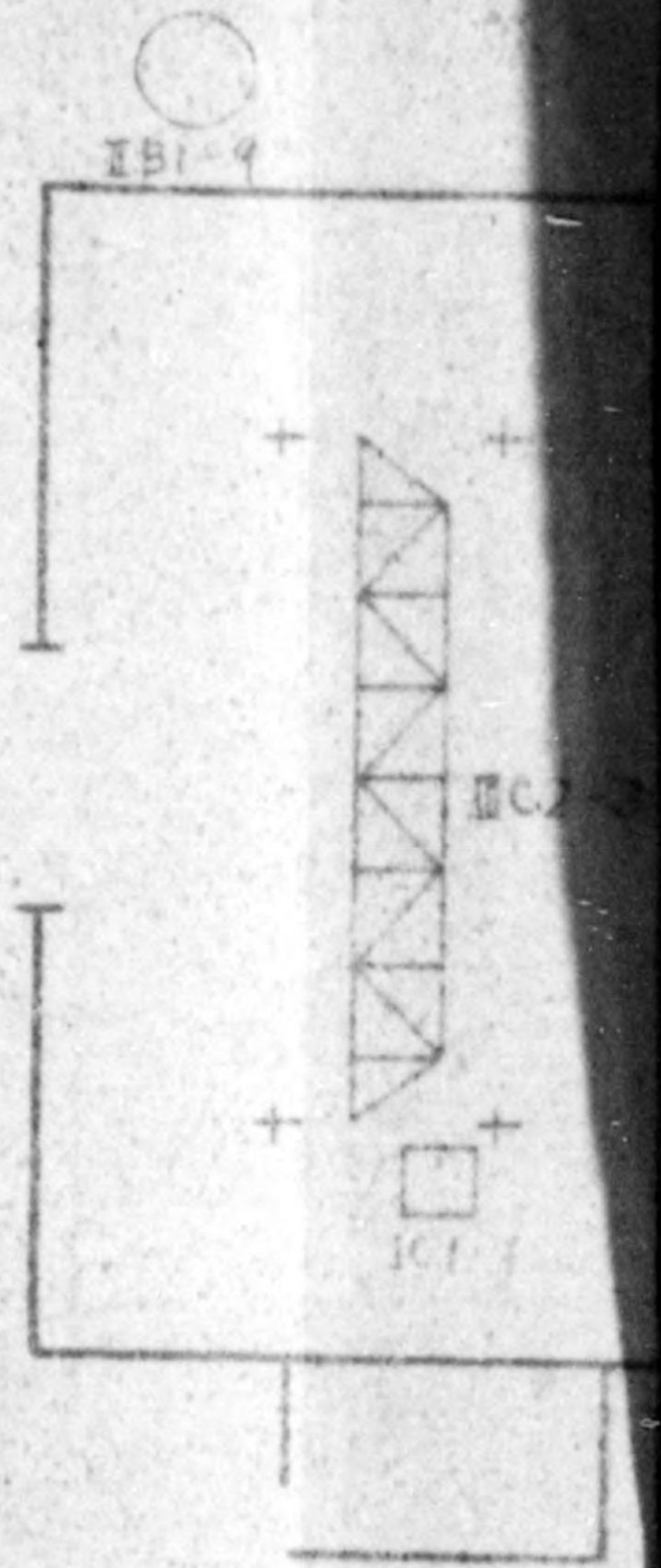
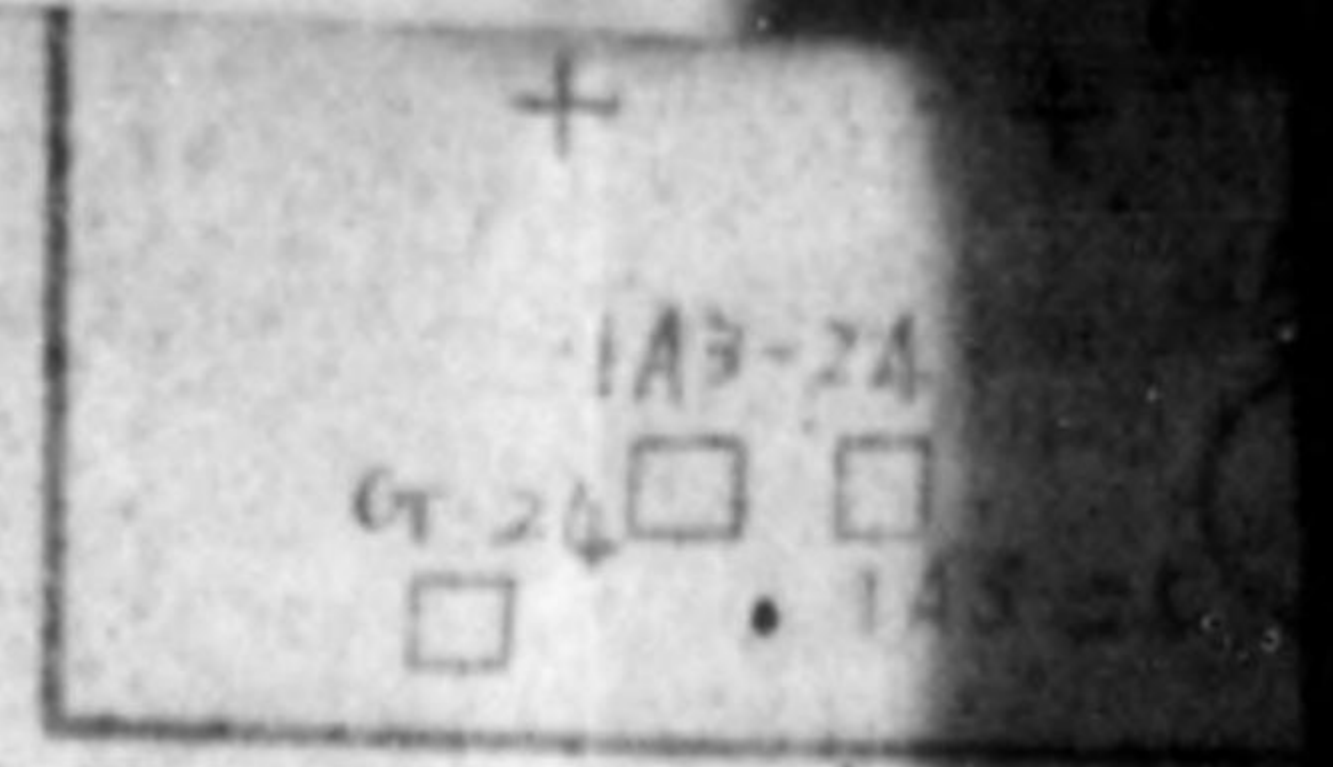
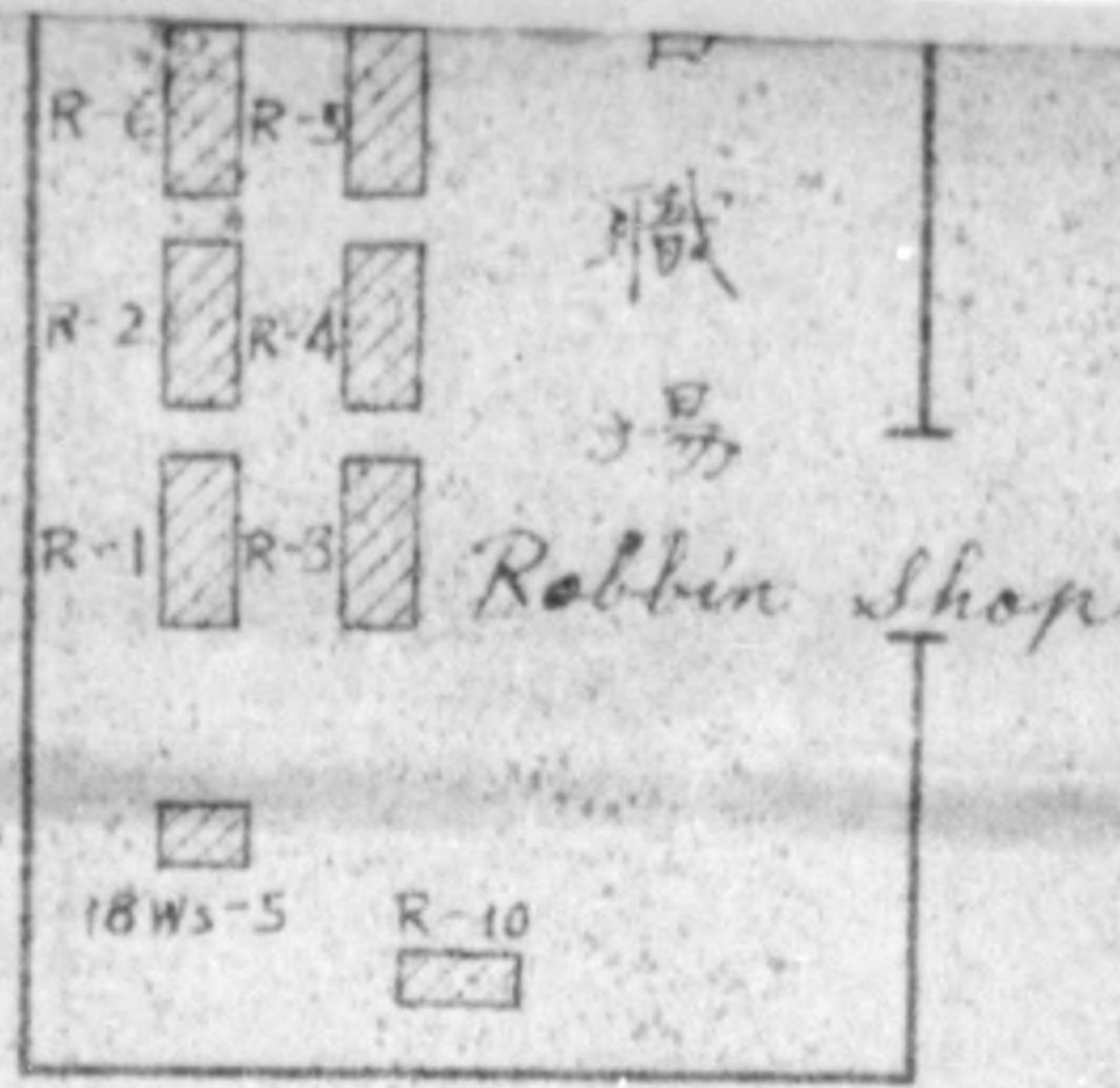


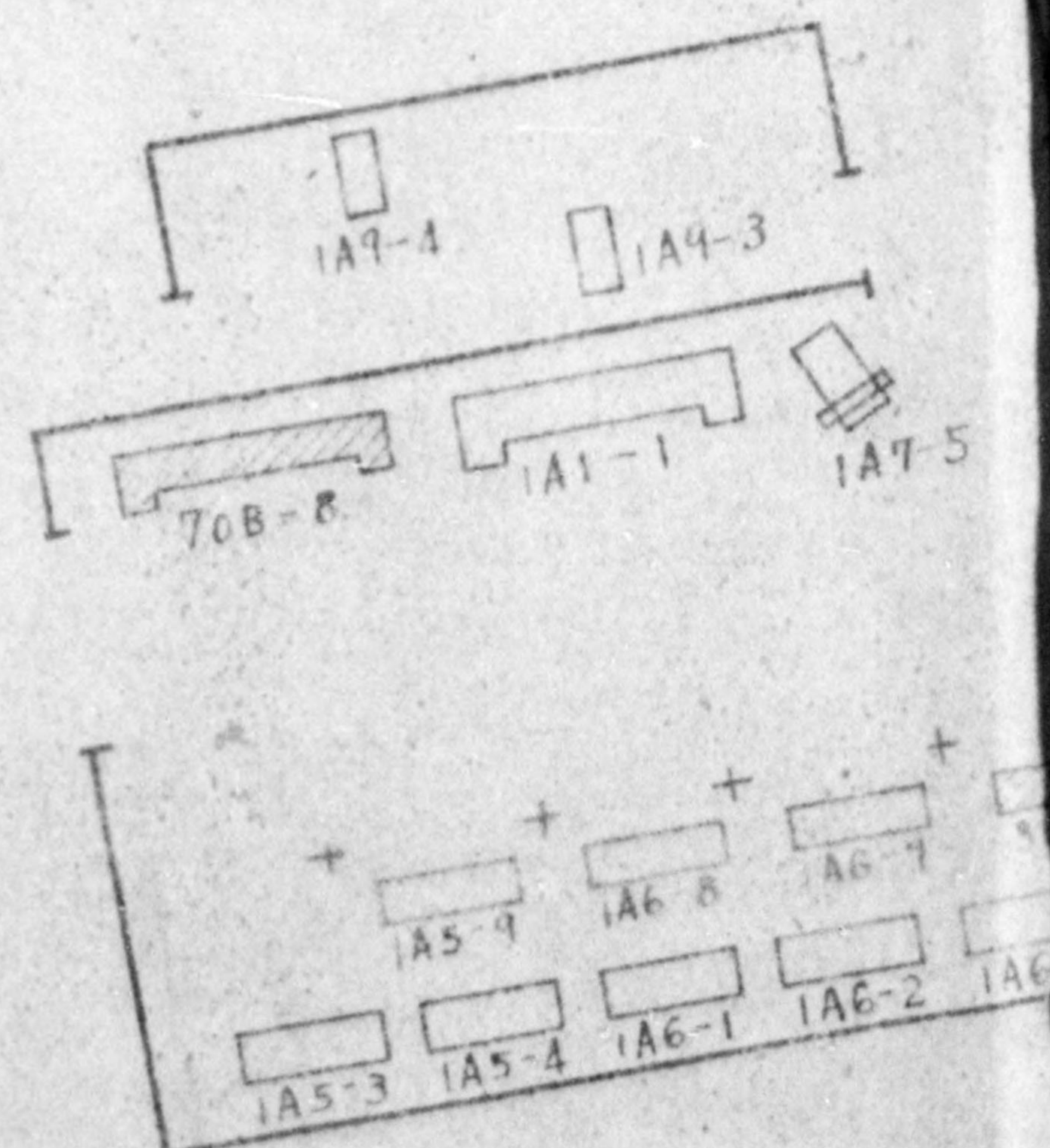
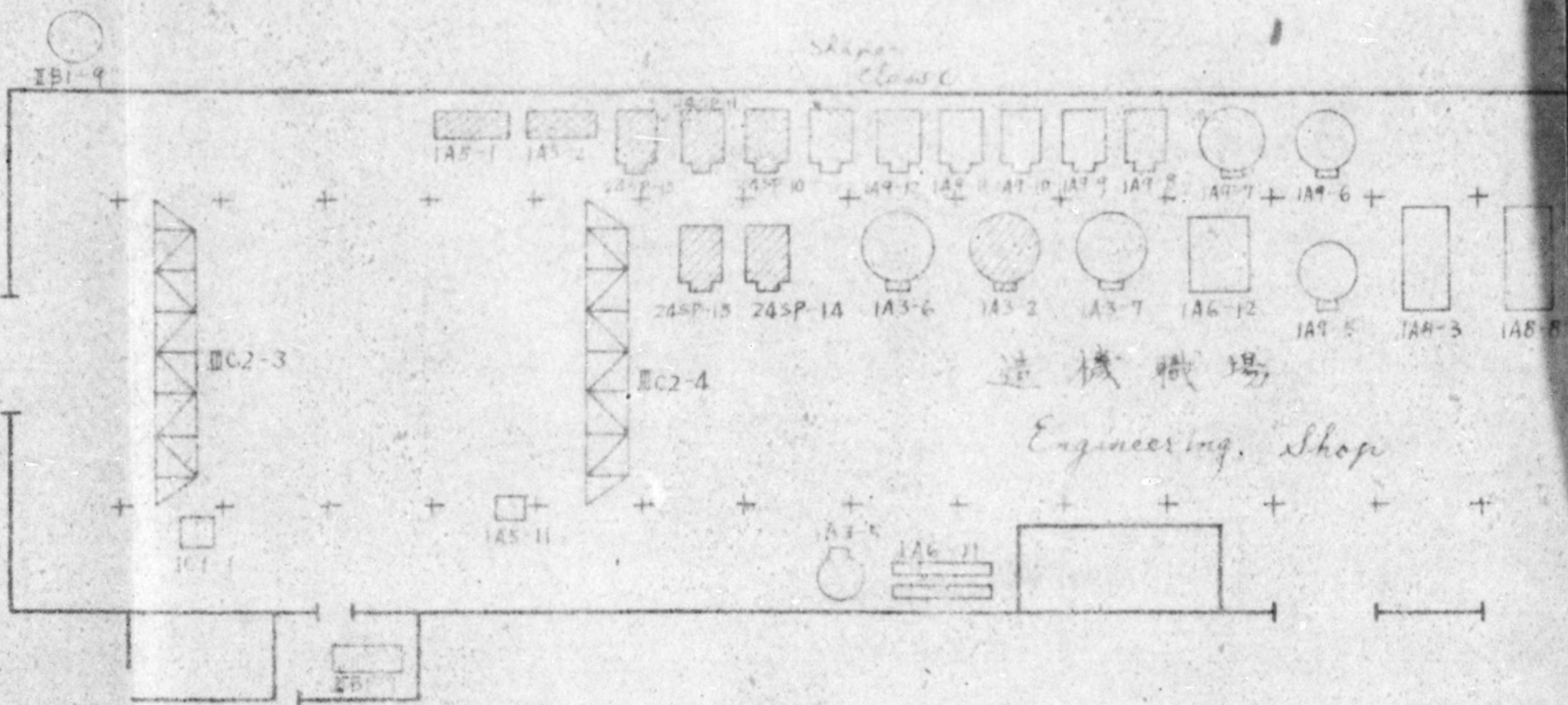
775013

No. 2.



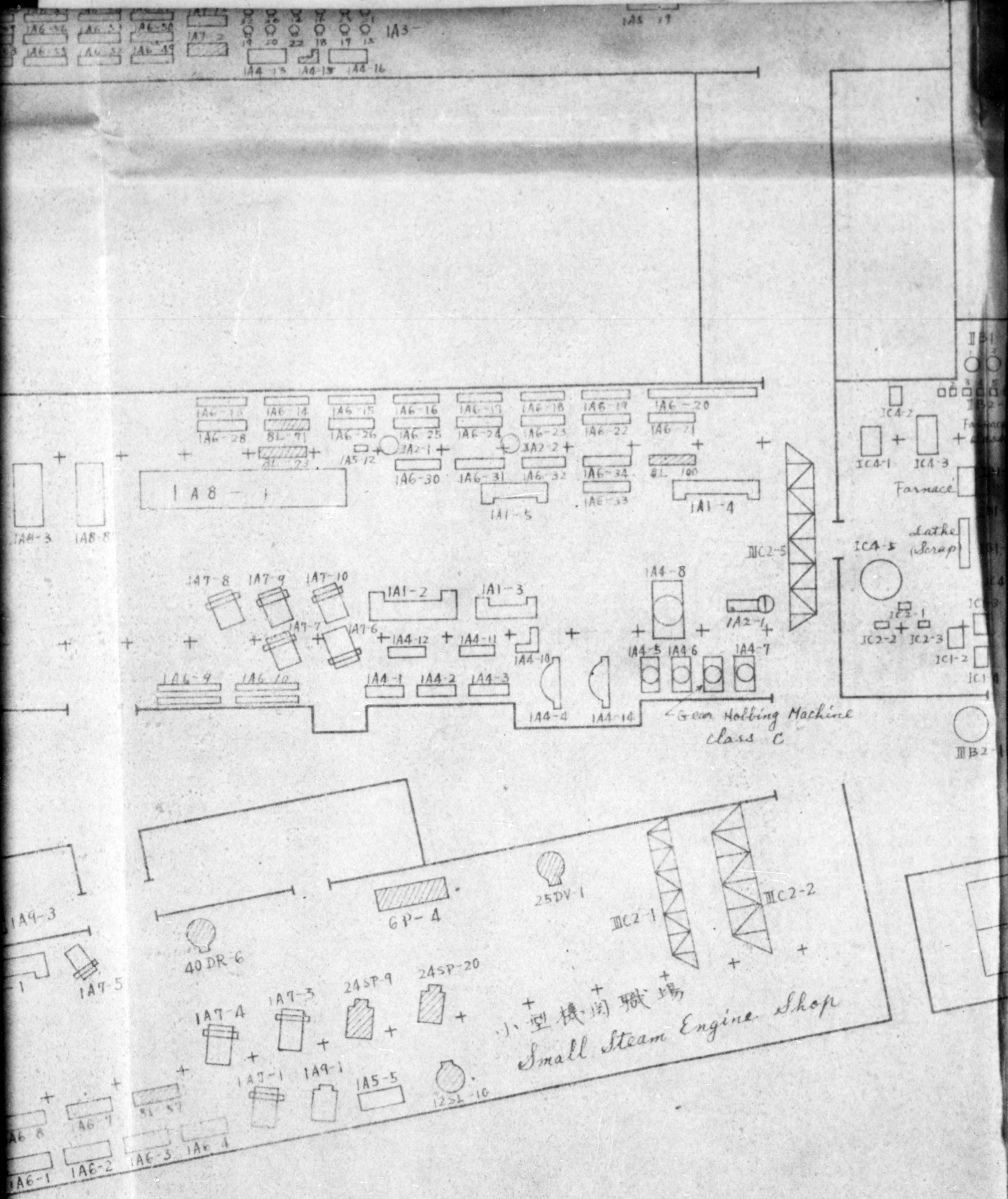
AS-18





Shop



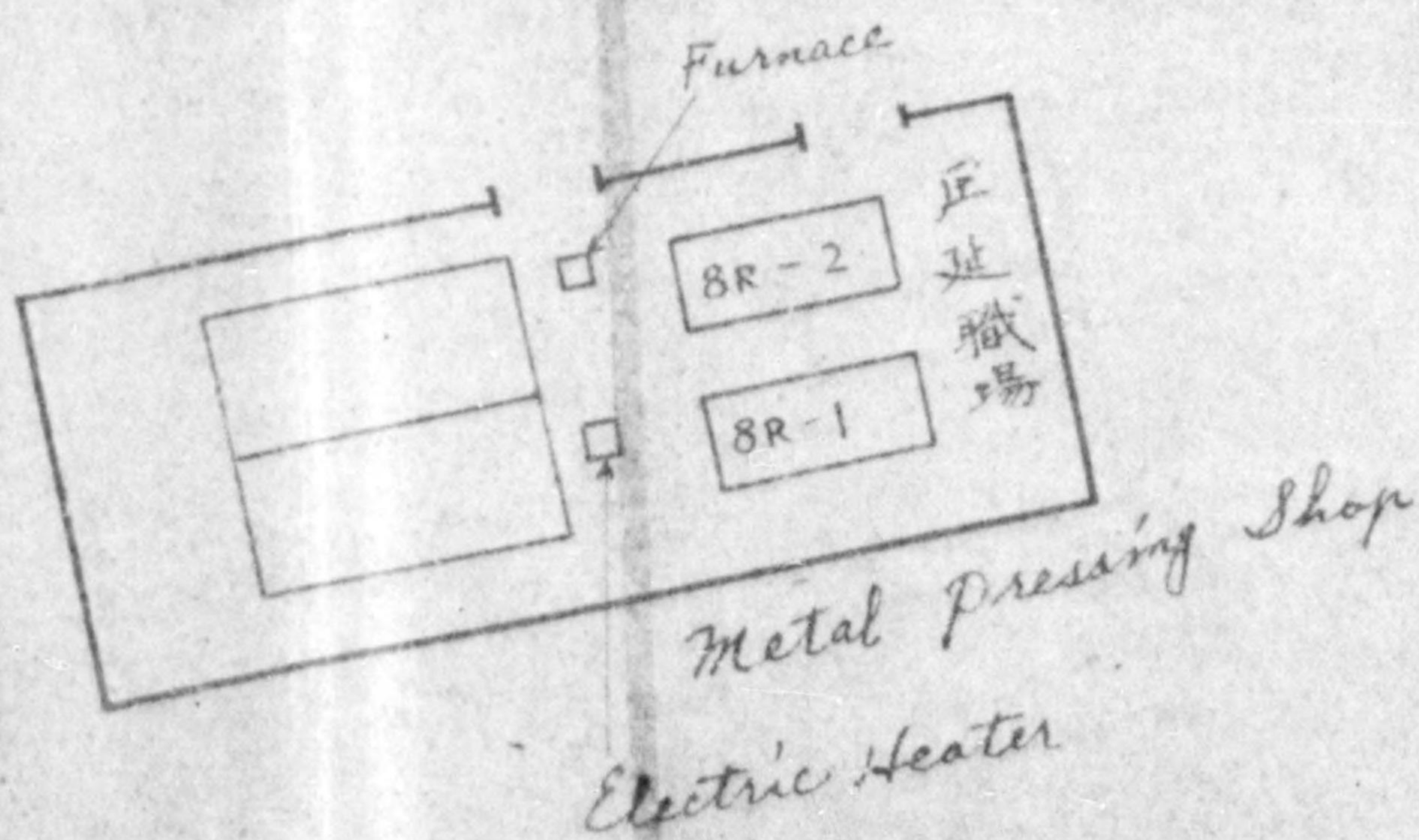
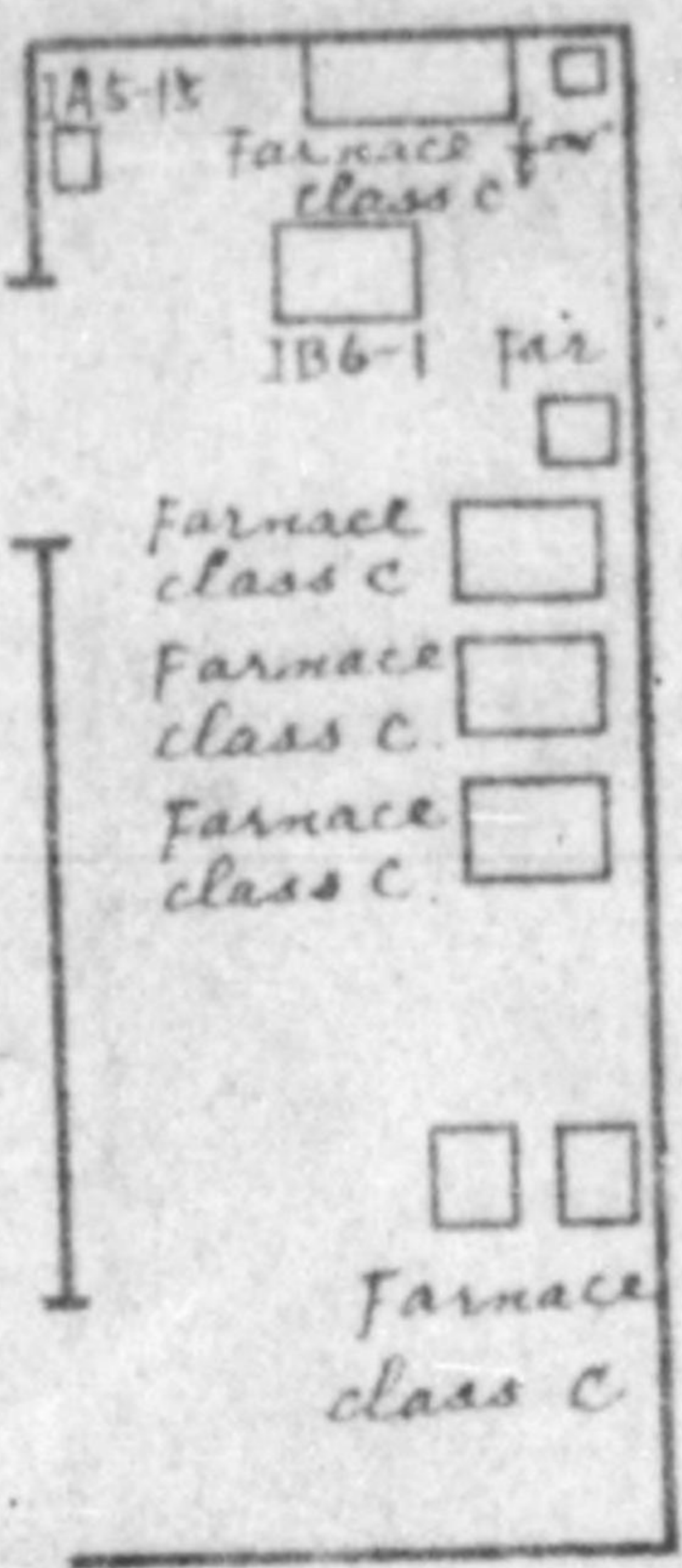
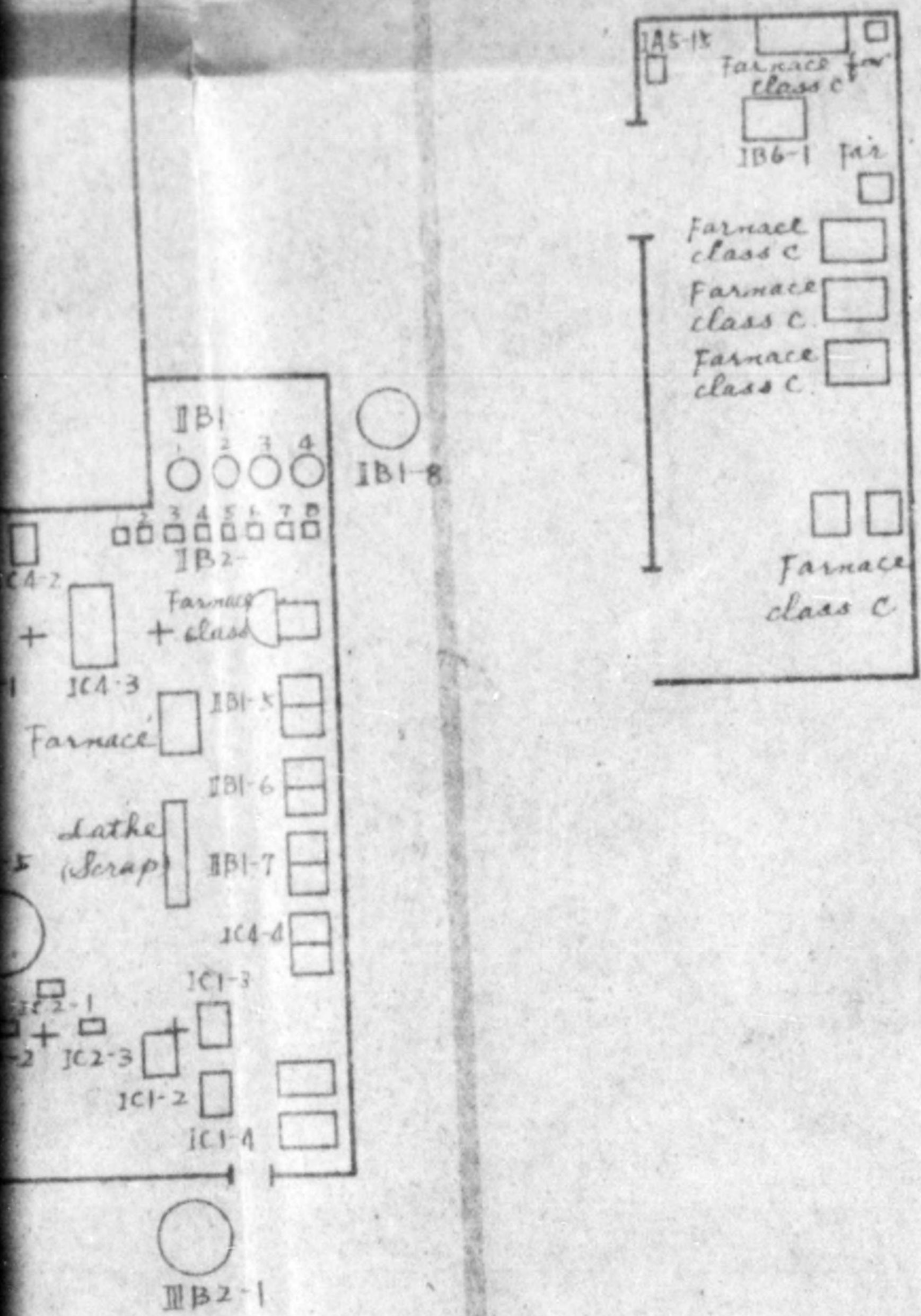


小型機関職場  
Small Steam Engine Shop

Green Hobbing Machine  
class C

Furnace

Lathe  
(Scrap)



富山市下奥井一番地  
立山重工業株式会社

Date 26 March 1951

No. 1 Shimooki, Toyama City, Toyama Pref.

To : Chief of the Economic & Industry Section,  
Tokai Hokuriku Civil Affairs Region.  
( Through the Commerce & Industry Section,  
Toyama Prefectural Government )

From : Chuken Tanabe, Custodian of Tateyama Jukogyo,  
Doeki Sangyo K.K.  
No. 1 Hamemiya, Okuda, Toyama City.

Subject : Application for movement of the under-mentioned  
machines.

1. Name of Company Requesting Movement.  
Tateyama Jukogyo, Doeki Sangyo K.K.
2. Address of Company.  
No. 1 Shimooki, Toyama City, Toyama Prefecture.
3. Machines to be moved.  
Refer to another list.
4. Reason for request.  
To promote the efficient production of the  
Industrial Locomotives.
5. Date this company intends to move machinery  
soon after permission.
6. Total number of the machinery of the plant.
 

a. Reparation machine	242 sets
b. Exempted machine	0 sets

( In case the above-mentioned machines in question  
applying for permission moved into the total  
number of the Ex. machines. )

Confirmed by Hideo Akano Tak. Commissioner,  
Commerce and Industry Section, Toyama Prefecture  
27 March 1951. Chuken Tanabe  
C. Tanabe  
Custodian

## List of the Ex. Machine to be Moved

No. of Machine	Name of Machine	Type	No.	Where Now Location	Owned by When	Where it be moved
Ex. -1	Boring Machine	Horizontal	1	No. 2 Factory	Tateyama Jukogyo Doeki Sangyo	No. 1 Factory
Ex.- 2	Lathe	8' Gap	1	"	"	"
Ex.- 3	Shaper	26"	1	"	"	"
Ex.- 4	Slotter	12 "	1	"	"	"
Ex.- 5	Shaper	26 "	1	"	"	"
Ex.- 6	Drilling machine	Bench	1	"	"	"
Ex.- 7	Grinder	For Tool	1	"	"	"
Ex.- 8	Drilling machine	Upright	1	"	"	"
Ex.- 9	"	"	1	"	"	"
Ex.-10	Planer	Double housing	1	"	"	"
Ex.-11	Shaper	24 "	1	"	"	"
Ex.-12	Shaper	"	1	"	"	"
Ex.-13	Shaper	"	1	"	"	"
Ex.-14	Shaper	"	1	"	"	"
Ex.-15	Lathe	6' Stand.	1	"	"	"
Ex.-16	Lathe	8' Gap	1	"	"	"
Ex.-17	Lathe	8' Stand.	1	"	"	"
Ex.- 18	Lathe	6' Stand.	1	"	"	"
Ex.-19	Lathe	8' Gap	1	"	"	"
Ex.-20	Lathe	6' Stand.	5	"	"	"
24						
Ex.-25	Grinder	For Tool	1	"	"	"
Ex.-26	Milling machine	Vertical	1	"	"	"
Ex.-27	Shaper	24"	1	"	"	"
Ex.-28						
Ex.-30	Grinder	For Tool	3	"	"	"
Ex.-31	Fan	1 H.P.	1	"	"	"
Ex.-32	Grinder	For Tool	1	"	"	"
Ex.-33	Lathe	6' Stand.	1	"	"	"
Ex.-34	Pump	2 "	1	"	"	"
Ex.-35	Roll machine	8"	2	"	"	"

Ex.-37	Fun	2"	1	"	"	"
Ex.-38	Fun	1"	1	"	"	"
Ex.-39	Fun	1"	1	"	"	"
Ex.-40 41	Lathe	4' Stand.	2	"	"	"
Ex.-42	Cupola	1 Ton	1	"	"	"
Ex.-43	Furnace	3'X4'	1	"	"	"
Total			<u>43</u>			

Approved  
 CF Howard DAE T HICAR  
 27 Mar 51

## Toyama Prefectural Government

TOYAMA HONSHU JAPAN

Tel. Toyama 3101-3106

Date: ~~21 August 1950~~

TO : Chief, Tokai-Hokuriku Civil Affairs Regional Team  
From : Governor of Toyama  
Subject : Official Designation Change

You are invited to pay special consideration over the application submitted to me by President of Tateyama Heavy Industry K.K., no.1, Shimo-oku, Toyama City, in which he asked to change the official designation of the reparation designated Second Plant of Tateyama Heavy Industry K.K. as Tateyama Heavy Industry Plant of Doeki Industrial K.K.

1. In June 1948, the company planned to cut its workers to some extent to cope with the gradual decrease in demand. In Aug. 1948, Yoneichi Otani, president, withdrew the personnel retrenchment proposal overwhelmed by the oppression in the form of sabotage staged by the workers and resigned.
2. In Sept. 1948, Shigenobu Kagita, member of the company, was appointed president on both the workers' and the shareholders' recommendation. But in Jan. 1949 the company was forced to close due to excess workers, forced attachment, suspension of order from the Ministry of Transportation, and exhaustion of funds.
3. In Mar. 1949, an agreement as to en bloc discharge of the workers was signed between management and labor, but overwhelmed by excess floatation of loans it was reduced to a situation of non-existence and started to find out a new successor.
4. As a result of successive negotiations between Komatsu Work Shop, Otani Heavy Industrial K.K. and Doeki Industrial K.K., and Shigenobu Kagita and Yasutaro Tomikawa both representing the company and Jotaro Araki representing specialists, an agreement of transfer of the plant was concluded between Doeki Industrial K.K. and the company.
5. At a conference for special managers in Apr. 1950 and a general meeting of shareholders, resolutions to close the plant was adopted.

- 6. For the reasons, the responsibilities of maintenance and custody have come to rest with Doeki Industrial K.K. which has taken over the Second Plant of Tateyama Heavy Industry K.K. designated as reparations. This is the reason for changing official designation of the plant.

For Governor

Signed M. Narita  
 Masaji Narita  
 Vice-Governor,  
 Toyama Ken.

APPROVED  
*E. F. Jourd*  
 E. F. Jourd DAC  
 Economics Div. THCAR  
 Date 31 Aug. 50  
*by Y. Yamamoto*

Tateyama Heavy Industry Co. Ltd.  
Toyama Prefecture

20 August 1950

To : Chief Tokai Hokuriku Regional Civil Affairs  
From : Nobushige Kagita, the Applicant and the President  
of the Tateyama Heavy Industry Co. Ltd.  
Via : Toyama Prefectural Government  
Subject : Transfer of Ownership of Reparation Plant ( Plant  
No. 2 ) of Tateyama Heavy Industry Co. Ltd.

I. Name, Location and Other Details :

- A. Name of the plant (designated as reparation, plant No. 2 ) of Tateyama Heavy Industry Co. Ltd. : The 2nd plant of Tateyama Heavy Industry Co. Ltd.  
B. Location of the above : No. I Hannomiya, Okuda, Toyama City.  
C. Date designated as a reparation plant : 13th August 1946  
D. Category of reparation : Machine Tool Plant.  
E. Code Number : 42 - 16

2. New name of the plant stated as below shall be given upon the transaction of transfer of ownership is made.

Doeki Sangyo Co. Ltd., Tateyama Heavy Industry Plant.

3. Name and location of the company that will take over.

Doeki Sangyo Co. Ltd. at No. 1 - 2 chome Odenma-cho, Nipponbashi, Chuo-ku, Tokyo.

4. Doeki Sangyo Co. Ltd. is free from any restriction.

5. Property to be transferred.

- A. 8,005.16 sq. meter of land area  
B. 10,249.92 sq. meter of buildings  
C. 242 set of inventoried machines  
D. 1,443 pie. of evaluated equipment



6. The reason to transfer this setup,

Tateyama Heavy Industry plant has discontinued its operation and been closed down since January 1949, due to inactive business and management.

Upon an inquiry made recently by Doeki Sangyo Co. Ltd., we made up mind to transfer the whole factory over to the said Company ; - since it is planning to manufacture rolling-stocks and engineering machines and tools which is sure to play a great role for the development of the Japanese industry as well as lesson the unemployment problem in the Prefecture.

The transferee will operate the plant ( see attached plan of No. I plant ) in way of status quo as soon as the transaction is made.

7. Production plan of Doeki Sangyo Co.  
( See attached paper )

8. Custody and maintenance of the Reparation plant :

Upon a permit of the transfer of ownership of the plant is granted by the authorities, Doeki Sangyo Co. shall take every responsibility for the custody and maintenance of all reparation items with in the plant in place of Tateyama Heavy Industry Co. in good shape, in accordance with instruction of G.H.Q. and Japanese Government.

9. A contract of transfer of ownership and an arrangement of the whole plant are attached accordingly.

The above description is the true situation we are confronted with and shall be most happy if you would take into consideration and granting the permit of transfer of ownership of the Reparation plant of Tateyama Heavy Industry Co. Ltd. to Doeki Sangyo Co. Ltd.

I certify that the foregoing statement is true and correct to the best of my knowledge.

*N. Kagita*

N. Kagita  
Executive President of  
Tateyama Heavy Industry Co. Ltd.

## A CONTRACT OF TRANSFER OF OWNERSHIP

20 August 1950

1. Name of the Company to Transfer its Ownership :  
: Tateyama Heavy Industry Co. Ltd.
- Location : No.1 Shimookui, Toyama City.
- Responsible Transferer : Nobushige Kagita, Executive President.
2. Name of the Company that will take over the ownership :  
: Doeki Sangyo Co.Ltd.
- Location : 1-2 Chome, Nipponbashi-ohdenmacho,  
Chuo-ku, Tokyo.
- Responsible Transferee : Shingo Kawataki, Executive President.
3. Tateyama Heavy Industry Co. Ltd. will make a contract of transfer of ownership of the following items with Doeki Sangyo Co. Ltd., whole land area, buildings, machineries, equipment and all other items of the 1st plant ( non-reparation ) and the 2nd plant ( designated as the reparation ).
4. Upon a permit of the transfer of ownership of the plant is granted by the authorities, Doeki Sangyo Co.Ltd. shall take every responsibility for the custody and maintenance of all reparation items with in the plant in place of Tateyama Heavy Industry Co. Ltd. in good shape, in accordance with instruction of G.H.Q. and Japanese Government.
5. The right of ownership of the 2nd plant shall not take into effect but upon the transfer permit is granted by the authorities.

Transferer and Name of the Company.  
Executive President

*N. Kagita*

Nobushige Kagita  
Tateyama Heavy Industry Co. Ltd.

Transferee and Name of the Company.  
Executive President

*S. Kawataki*

Shingo Kawataki  
Doeki Sangyo Co. Ltd.

## Producing Plan of Doeki Sangyo Co. Ltd.

Name of Product	Capacity	Output		
		The First Year	The 2nd Year	The 3rd Year
Diesel Locomotive	7 tons	7	14	21
Diesel Road Roller	8 tons	7	14	21
Gasoline Locomotive	5 tons	7	14	21
Steam Locomotive	20 tons	5	10	15
Repair of Steam Locomotive	Estimated as 15 tons One	12	24	36
Timber Car	2 tons Load	100	200	300
Mine Car	0.7 Cub. Meter	50	100	150
Damp Car	1 Cub. Meter	500	1,000	1,500

Continued

Name of Product	Capacity	Output		
		The 4th Year	The 5th Year	The 6th Year
Diesel Locomotive	7 tons	28	35	42
Diesel Road Roller	8 tons	28	35	42
Gasoline Locomotive	5 tons	28	35	42
Repair of Steam Locomotive	Estimated as 15 tons One	48	60	72
Timber Car	2 tons Load	400	500	600
Mine Car	0.7 Cub. Meter	200	250	300
Damp Car	1 Cub. Meter	2,000	2,500	3,000

## Summary of Evaluated Equipment

Name of Machine	No. of Machine	Present Value Expressed in 1930 Yen
<b>A. Machine Tools</b>		
1. Boring Machine	5	84,243
2. Broaching Machine	1	4,718
3. Drilling Machine	32	68,322
4. Gear Cutting & Finishing Machine	20	180,161
5. Grinding Machine	22	126,380
6. Lathe	84	153,092
7. Milling Machine	18	124,905
8. Planner	15	135,624
9. Shaper & Slotter	10	24,048
10. Saw	4	6,048
11. Miscellaneous	0	0
	(211)	(907,541)
<b>B. Other Metal Working Machine</b>		
1. Punching & Shearing Machine	0	0
2. Sheet Forming Press	0	0
3. Forging Press	0	0
4. Steam Hammer	0	0
5. Pneumatic Hammer	0	0
6. Mechanical Hammer	1	1,256
7. Miscellaneous (Welder)	4	13,392
	(5)	(14,648)
<b>C. Miscellaneous Equipment</b>		
1. Foundry		
a. Electric Cupola	0	0
b. Other Cupola	0	0
2. Heat Treating Equipment		
a. Electric Furnace	7	34,920
b. Other Furnace	10	38,760
c. Boiler	0	0
3. Auxiliary		
a. Compressor	1	4,663
b. Crane	11	71,119
c. Hoist	0	0
4. Power Supply		
a. Motor	3	918
b. Transformer	6	23,166
c. Generator	1	932
d. Switch	8	8,050
<b>D. Other Removable Equipment</b>		
	(47)	(187,578)
1. Pump & Blower	8	7,196
2. Testing Machine	3	1,492
3. Measuring Machine (instrument)	35	1,278
4. Line Shaft	2	1,128
5. Portable Machine	0	0
6. Jig & Tool	1,132	36,713
7. Furniture		2,100
	(1,180)	(49,907)
<b>E. Non-Removable Equipment ( Machine Setting Cost )</b>		64,980
<b>F. Building</b>		549,612
<b>G. Land</b>		31,283
<b>H. Special Value Estimated to Whole Plant</b>		0
<b>I. Value of Plant as a Whole</b>		1,443
		1,805,549

HEADQUARTERS  
TOYAMA MILITARY GOVERNMENT TEAM  
APO 301

4 March 1949

*Economic*  
R  
004

SUBJECT: Tateyama Jukogyo K.K.

TO : Commanding Officer  
Tokai-Hokuriku Mil Govt Region  
APO 710

1. Submitted herewith for your information is a summary of recent developments concerning the Tateyama Jukogyo KK plant in this prefecture, which at the present time is faced with dissolution.

2. For two years this plant has been the scene of continual financial hardships, labor strife, sabotage, and violence. Just where the responsibility lies for the present situation is a matter of deciding which came first: the hen or the egg. The Communist element at this plant is heavy. As everyone knows, the Communists flock into any scene of confusion and discontentment. Whether the confused situation brought on the Communists, or the Communists brought on the confused situation is not easy to determine at this point.

3. At any rate, the crisis was reached on or about 5 Jan 49 when the labor union, already over two months behind in wages, suspended all work, on the grounds of "no pay, no work". Meantime the taxation office was demanding some action, since the plant was behind in taxation to the tune of ¥8,082,000 in national taxes, and ¥921,000 in prefectural taxes. It then became clear that unless the plant could procure a wealthy enterpriser to take over the plant it was doomed to bankruptcy.

4. The prefectural governor, in his eager desire to retain current industry in the prefecture, requested Mr Yoshinari Kawai, president of the Komatsu Mfg Co., Ishikawa-ken, to take over the plant. Relations between the two plants had always been close, and the Tateyama plant was indebted to the Komatsu plant in the amount of ¥5,000,000 in loans. Mr Kawai's first reaction was one of acceptance, and immediately announced his plan. He was to cut employment from the current 1,200 to 300 immediately, bring his own staff plus 50 employees with him from Ishikawa, and to hire an additional 300 employees around the first of August. He agreed to pay ¥2,500,000 in taxes immediately, and the remainder by 31 March 49. To carry out this plan Mr Kawai had planned to borrow

BASIC: Ltr, Hq Toyama Mil Govt Team, APO 301, Subj: "Tateyama Jukogyo K.K.", dtd 4 March 49.

a substantial amount of money from some banks. This part of it appeared unlikely from the start, even had the union accepted the plan, since the Tateyama plant was already indebted to a total of six prominent banks in this area in the amount of ¥46,747,000.

5. At the same time this plan was announced, Mr Yonetaro Otani, the leading share-holder in the plant (10,000 shares), announced in the press what appeared to be an interest in taking over the plant himself. The plant was indebted to him in the amount of ¥3,735,000 in loans. He announced that if he took over the plant he would retain at least 600 of the laborers. The local labor relations committee was conducting a week long investigation at the time, and at the conclusion recommended that an appeal be made to Mr Otani to assume the presidency. The following day, 21 Feb 49, the labor union met to discuss the two plans, and after a short discussion, solidly opposed the Kawai plan.

6. At this point a meeting was called in Tokyo to air the situation with the governor, Mr Kawai, Mr Otani, prominent share-holders, representatives from two banks, and neutral members. At the meeting Mr Kawai flatly refused to alter his plans, and Mr Otani stated that while he may consider it later, he was not ready to take over the plant at this time. Meanwhile the taxation office had set an ultimatum for payment of ¥2,500,000 by midnight 25 Feb 49, the very day the Tokyo meeting was in session. The labor union called an all-day general meeting for the 25th, and it appeared until the very last moment that they might accept the Kawai offer. However, they held a vote and elected to see the plant dissolved.

7. The taxation office, with the approval of the Regional Finance Bureau in Kanazawa; set 12 March 49 as the date of auction, and requested that the sale be advertised in the other metropolitan areas of Japan.

8. In the parting hours of the Tokyo conference a committee was appointed consisting of the three largest share holders, including Mr Otani, representatives of the Nomura and Hokuriku Bank, Mr Kawai, representing the Komatsu Mfg Co., one neutral member, and two members of the local labor relations committee, to make one last effort to prevent dissolution, and in any event to determine the maintenance of the enterprise, and the disposition of the assets. As of this date, with only eight days left before auction this committee has not convened.

FOR THE COMMANDING OFFICER:

OVID E. SCOTT  
Major, FA  
Adjutant

October 18, 1948

TO: Toyama Military Government Team  
THRU: Reparations Section, Toyama Ken  
FROM: Tateyama Jukogyo Co., Ltd.,  
1, Shimo-okui, Toyama City  
SUBJECT: APPLICATION FOR PERMISSION TO MOVE MACHINERY  
OF THE CONTROL-DESIGNATED PLANT

In view of the recent orders on rolling stock we have made a new production plan laying stress on the production of rolling stock. In conformity with the above mentioned plan we are going to fill the vacancies of Factory No.1 with machines and workers of Factory No.2. Besides as it is decided to attach hereafter in Factory No.2, too, primary importance to the machining of the rolling stock parts of Factory No.1 and secondary importance to the making of weighing machines and the machining of parts ordered, it has become necessary to move some of the control-designated machines, as shown in the annexed lists 1 and 2, from one part of the factory to another and those machines which were by your permission moved in January, 1948 from Factory No.1 to Factory No.2 now back again to Factory No.1. So we are glad to apply for permission to move the machines as shown in the annexed lists.

23 Oct 48  
Approved  
TSP  
J.L.

T. Ikegami  
Taketsune Ikegami  
Officer in Charge of Control,  
Factory No.2,  
Tateyama Jukogyo Co., Ltd.

PROGRAM FOR MOVEMENT OF CONTROL DESIGNATED MACHINERY1st Table

Name of Machine	No.	Machine No.	Maker	Dimension (m.m.)	New Location	Present Location
Standard Type Engine Lathe	2	1A6-15 17	Motoye Kikai Seisakusho	490x840	Warehouse	Machine Shop
"	2	1A6-16 25	"	490x700	"	"
"	2	1A6-6 27	Kendo Tekkosho	387x380	Machine Shop	Bearing Shop
"	1	1A6-29	Ono Tekkosho	400x750	"	"
"	1	1A6-35	Akimoku Kikai Seisakusho	560x700	"	"
"	1	1A6-68	Hannya Tekkosho	580x2,200	Small Steam Engine Shop	Warehouse
Bench Type Drilling Machine	1	1A3-3	Minorikawa Kogyo K.K.	12	"	Weighing Machine Shop
"	1	1A3-25	"	"	Warehouse	"
Planer Double Housing	1	1A8-11	Nishikawa Seisakusho	2,500x1,020	Machine Shop	Warehouse
Shaper	1	1A9 (C class)	Motoye Kikai Seisakusho	660	Warehouse	Machine Shop
Total	13					



PROGRAM FOR MOVEMENT OF NON-CONTROL-DESIGNATED MACHINERY2nd Table

Name of Machine	No.	Machine No.	Maker	Dimension (m.m.)	New Location	Present Location
Chamfering Machine	2	R- 4 5	Tateyama Jukogyo KK		1st Factory Repairing Shop	Bobbin Shop
Finishing Machine	2	R- 6 7	"		"	"
Chamfering Machine	1	R- 8	"		"	"
Internal Grinding Machine	1	R- 9	"		"	"
Polishing Machine	1	R-11	"		"	"
Punching Machine	1	R-12	"		"	"
"	1	R-13	"		"	"
Colouring Machine	1	R-14	"		"	"
Hack Sawing Machine	1	13WS-5	Nihon Mokko	18"	"	"
Shaper	1	24SP-14	Nakamura Kikai Seisakusho	610	"	Machine Shop
Radial Drilling Machine	1	40DR- 6	Dainippon Koki	40x1,500	1st Factory Freight-car Shop	Small Steam Engine Shop

PROGRAM FOR MOVEMENT  
OF NON-CONTROL-DESIGNATED MACHINERY

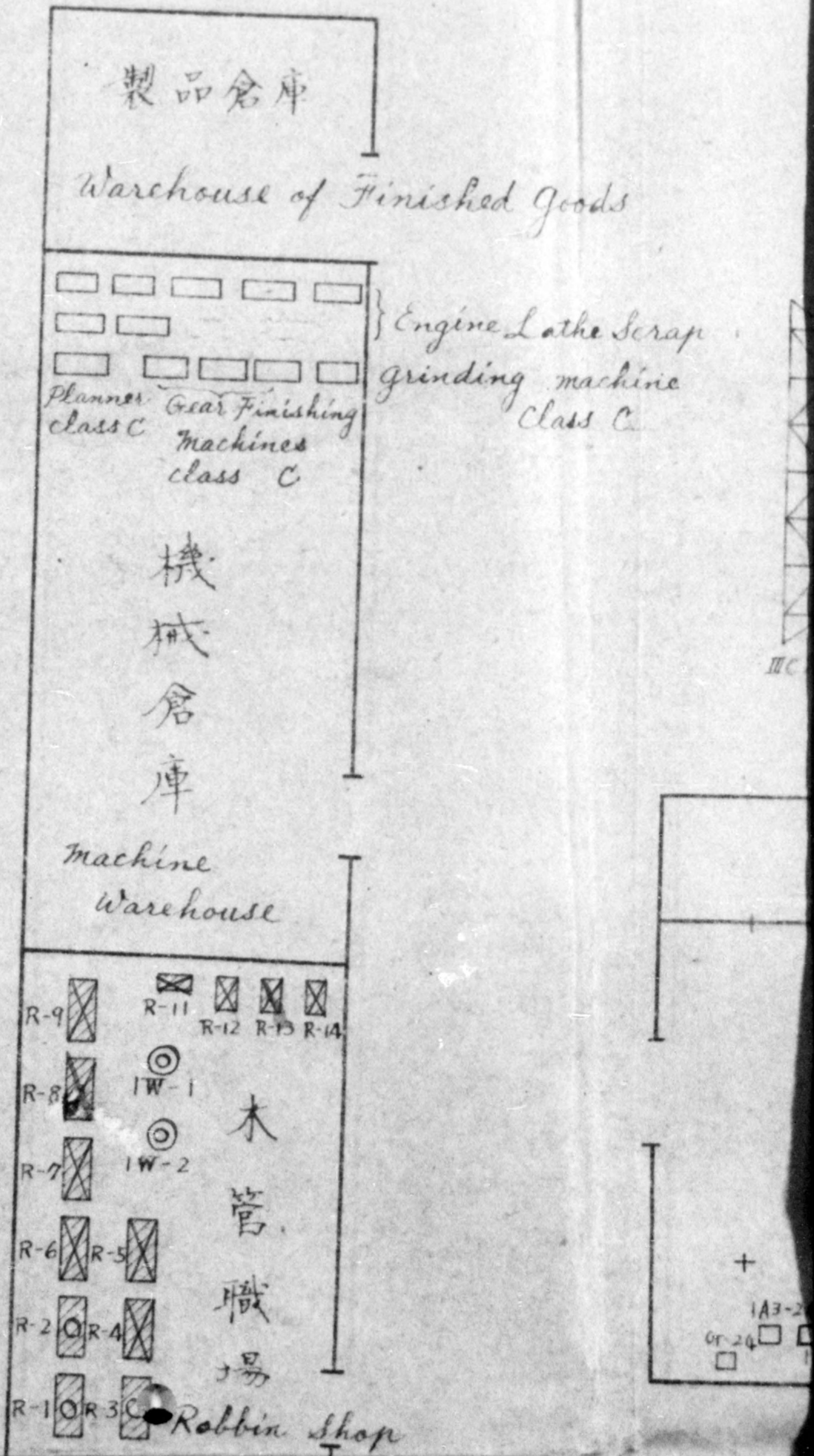
2nd Table - No.2

Name of Machine	No.	Machine No.	Maker	Dimension (m.m.)	New Location	Present Location
Standard Type Engine Lathe	2	4L - 45 50	Hannya Tekkosho	412 x 600	Factory No.1, Repairing Shop	Bearing Shop
ditto	3	4L - 46 47 48	ditto	692 x 600	ditto	ditto
ditto	1	4L - 126	Ota Tekkosho	320 x 830	ditto	ditto
ditto	3	6L - 19 20 21	Osaka Seisakusho	403 x 840	ditto	ditto
ditto	2	6L - 104 105	Ono Tekkosho	400 x 1,370	ditto	ditto
(Total)	24					

MACHINERY, A NEW PURCHASE AND INSTALLATION OF WHICH,  
THOUGH PERMITTED, HAS BEEN SUSPENDED

3rd Table

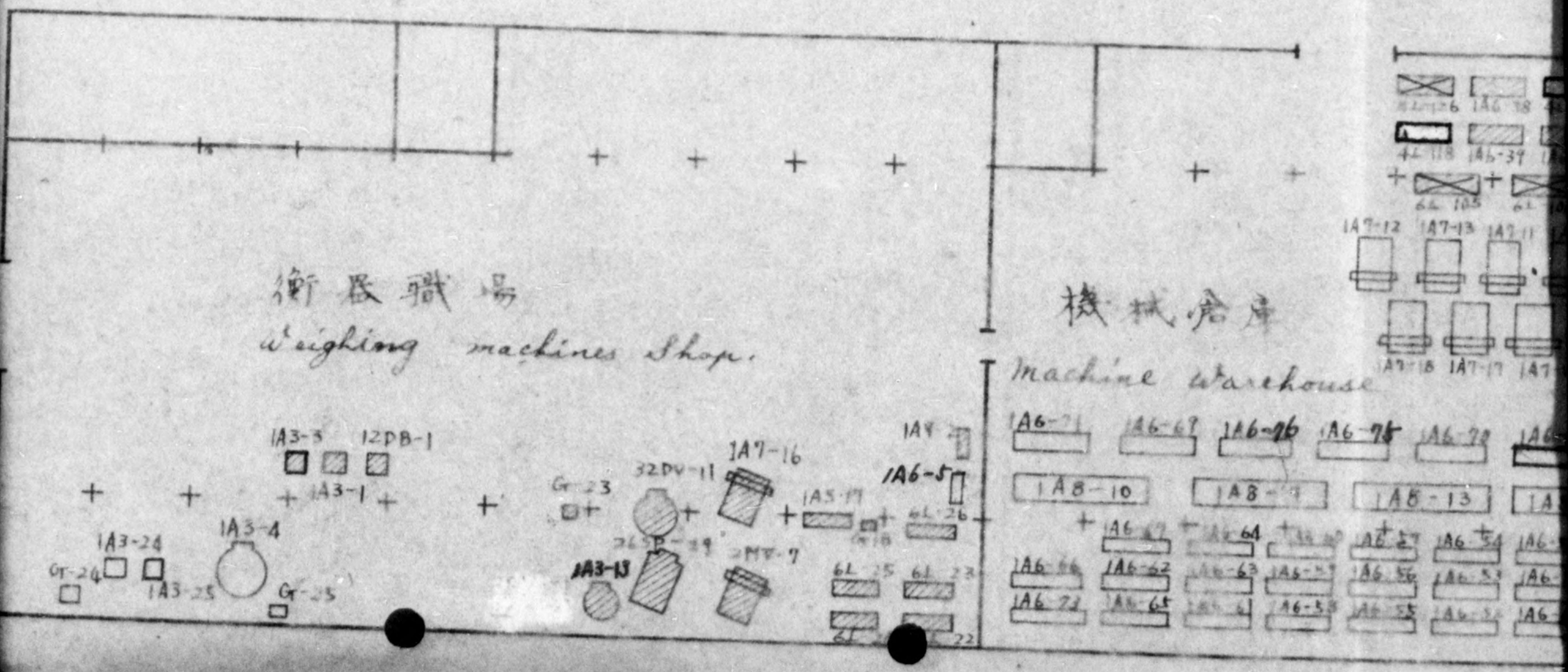
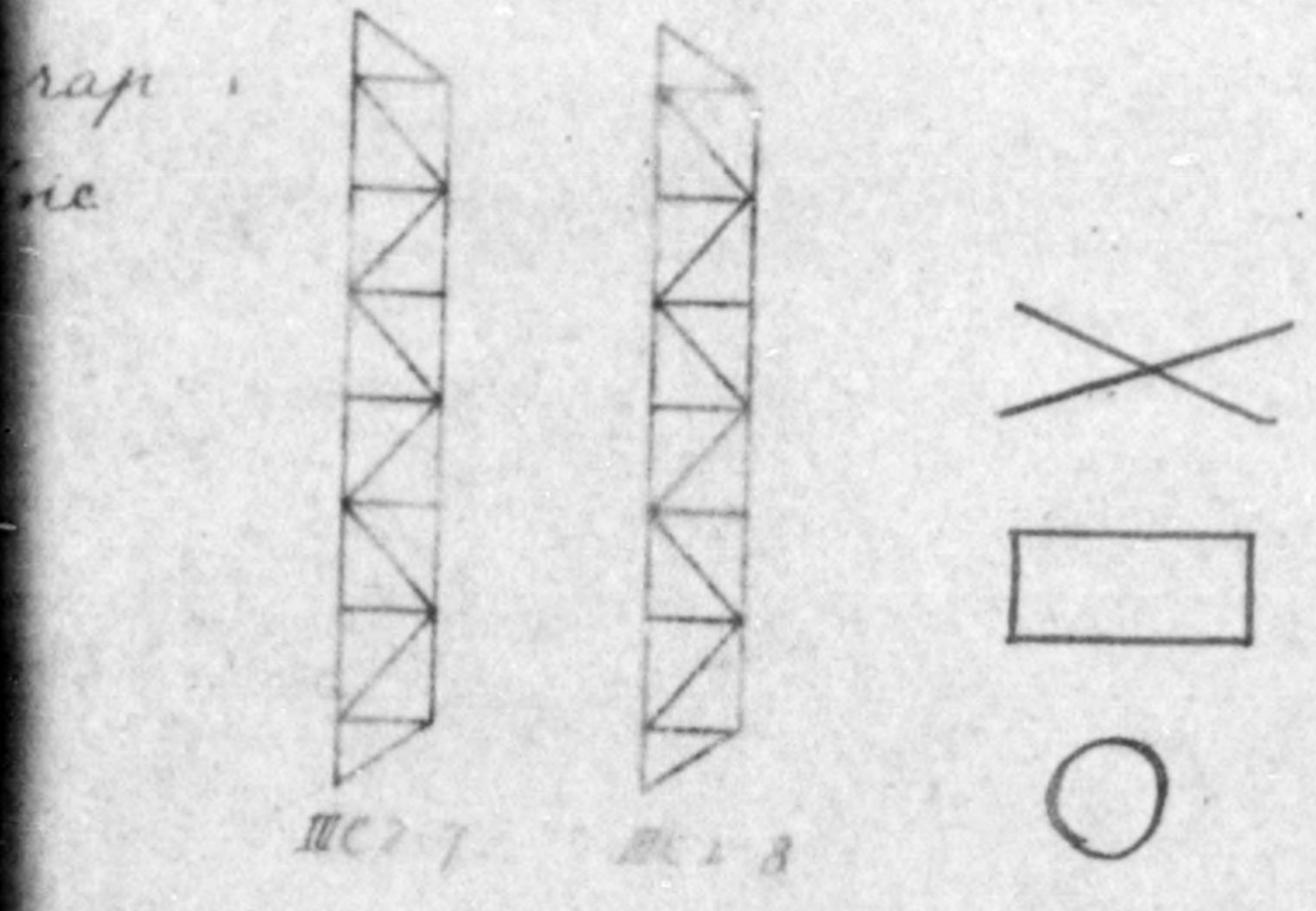
Name of Machine	No.	Machine No.	Maker	Dimension (m.m.)	Remark
Spring Machine	5	R- 1 23			At the time the installation was permitted, the machines were to have been bought at private stores and installed in the Bobbin Shop.
Rough Cutting Machine	1	R-10			
Automatic Balance	2	1W- 1 2			
Total	8				



# 管理指定工場(第二工場)

The Disposition Plan  
of

Control-Designated Factory  
Machines we are going to move  
Machines we are going to move  
Machines that have not been nor  
permitted in January 1948.



# 第二工場) 機械配置面

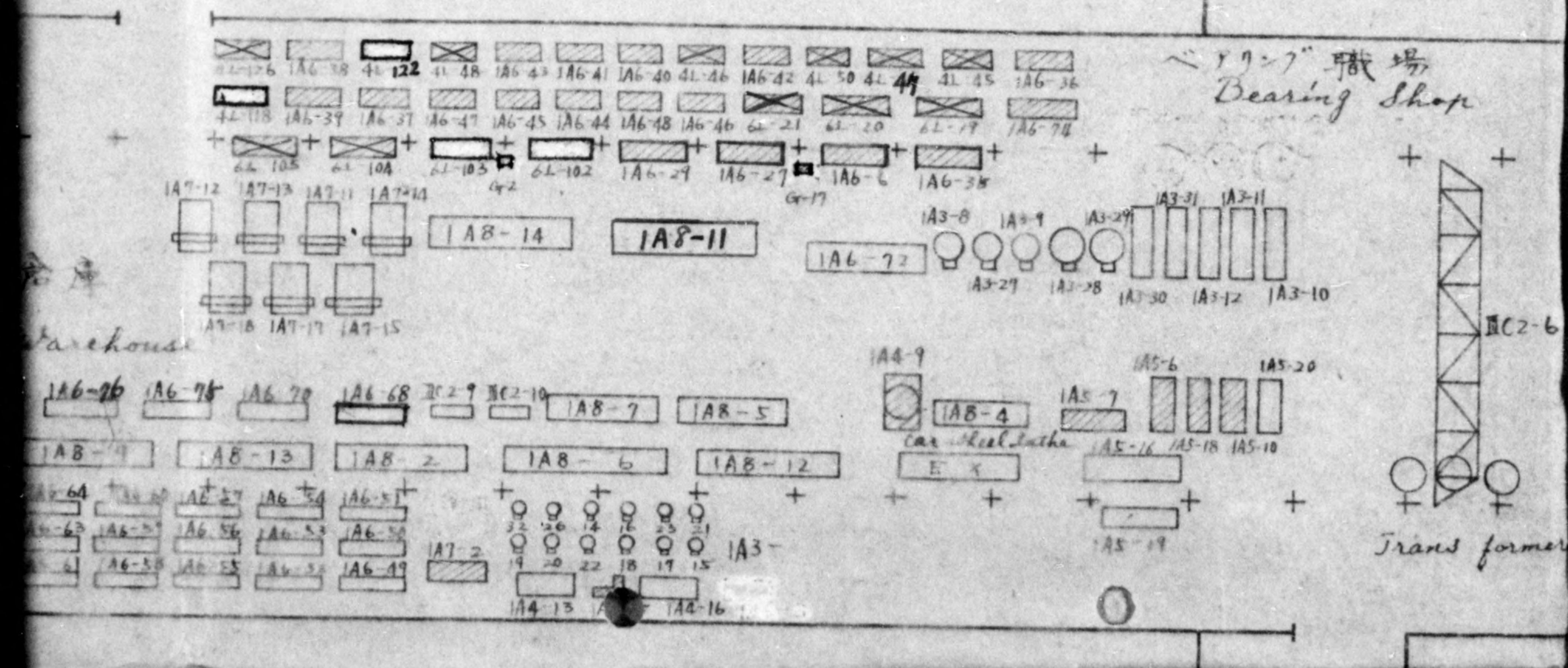
Position Plan

Factory (Second Factory)

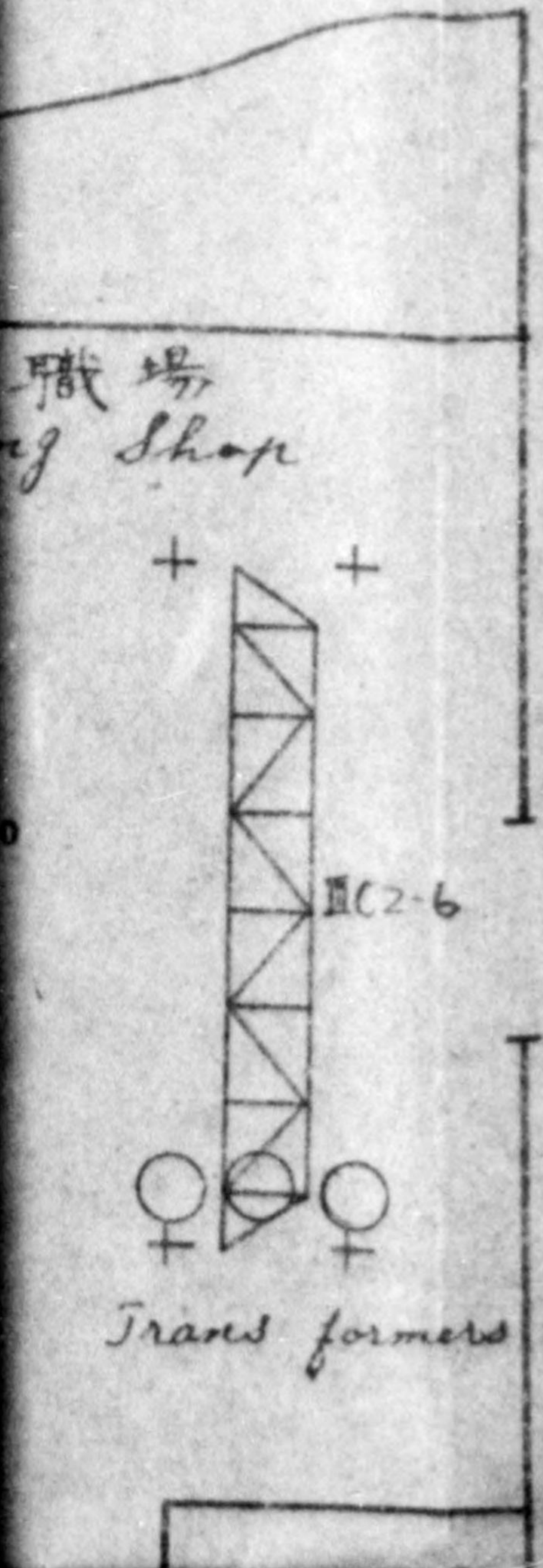
going to move from 2nd Factory to 1st Factory.

going to move from one part of 2nd Factory to another.

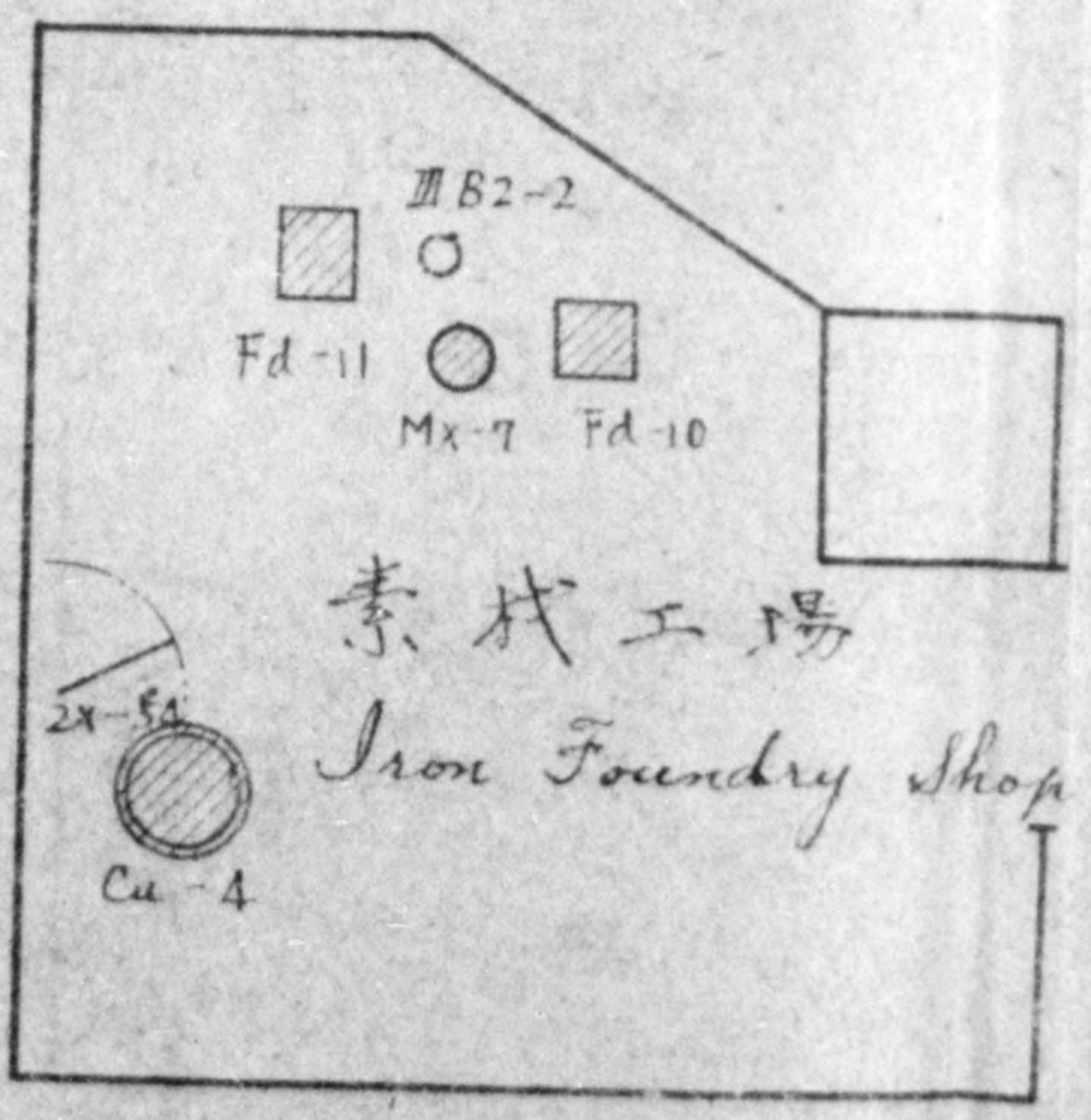
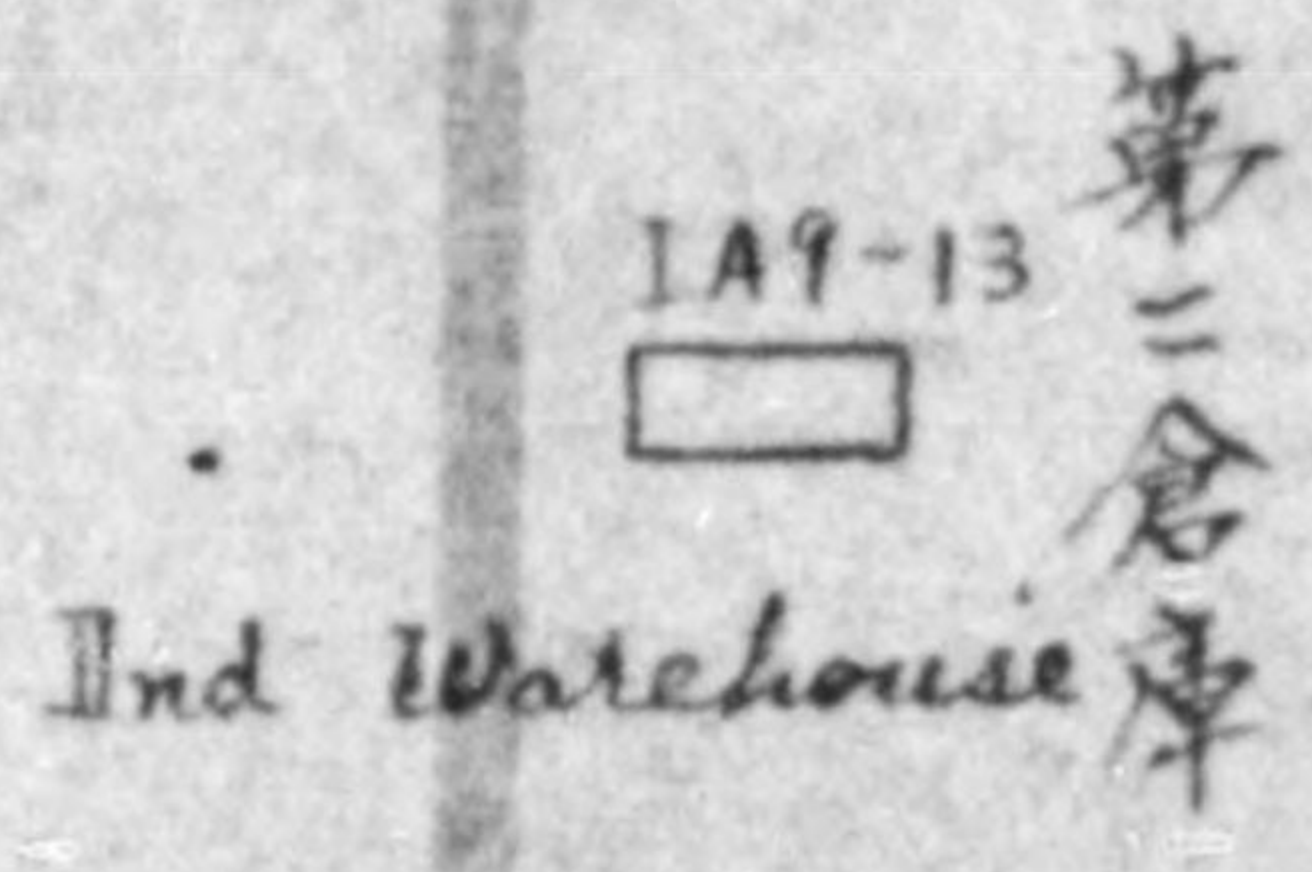
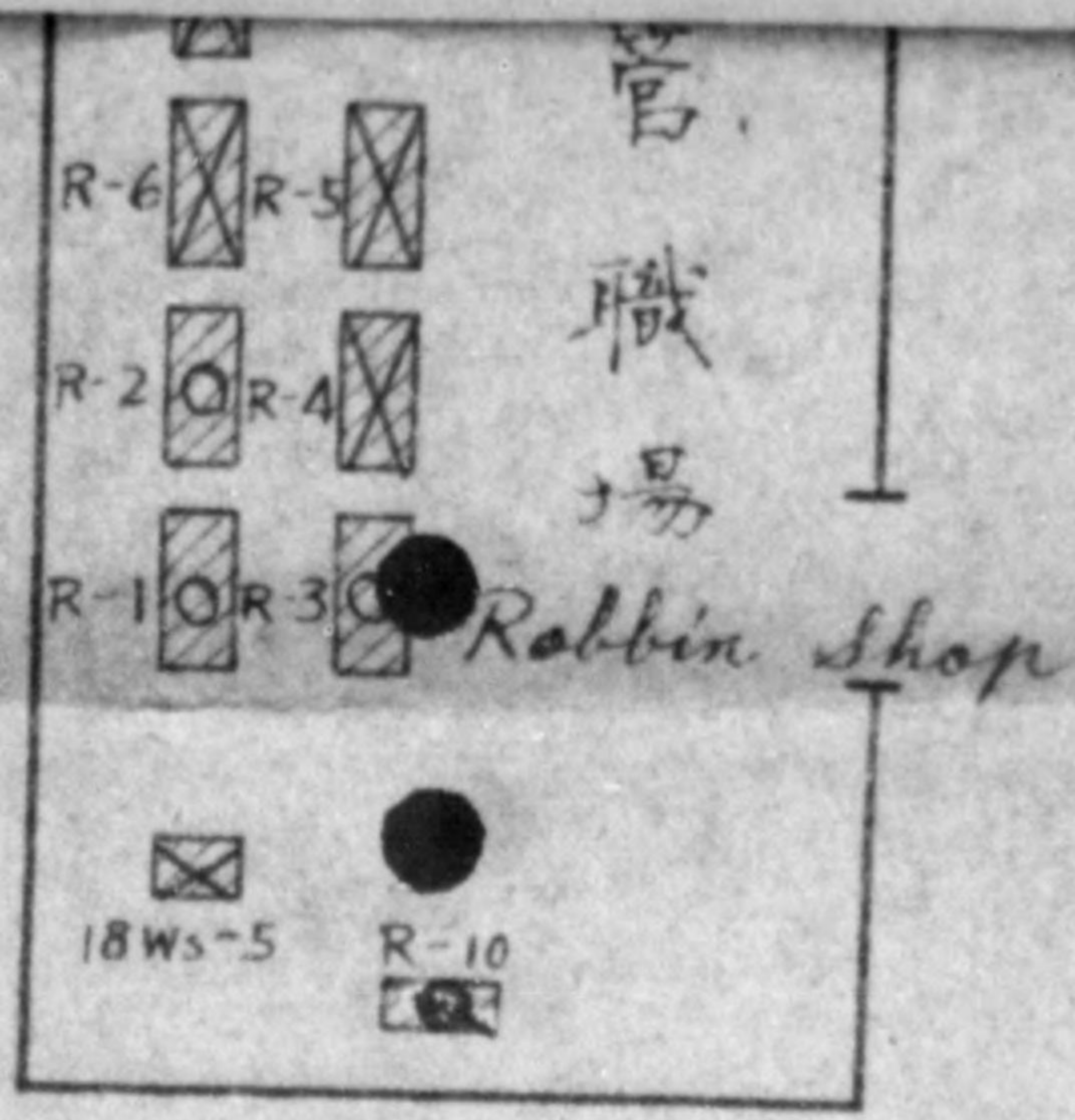
not been nor will be installed, though 1948.



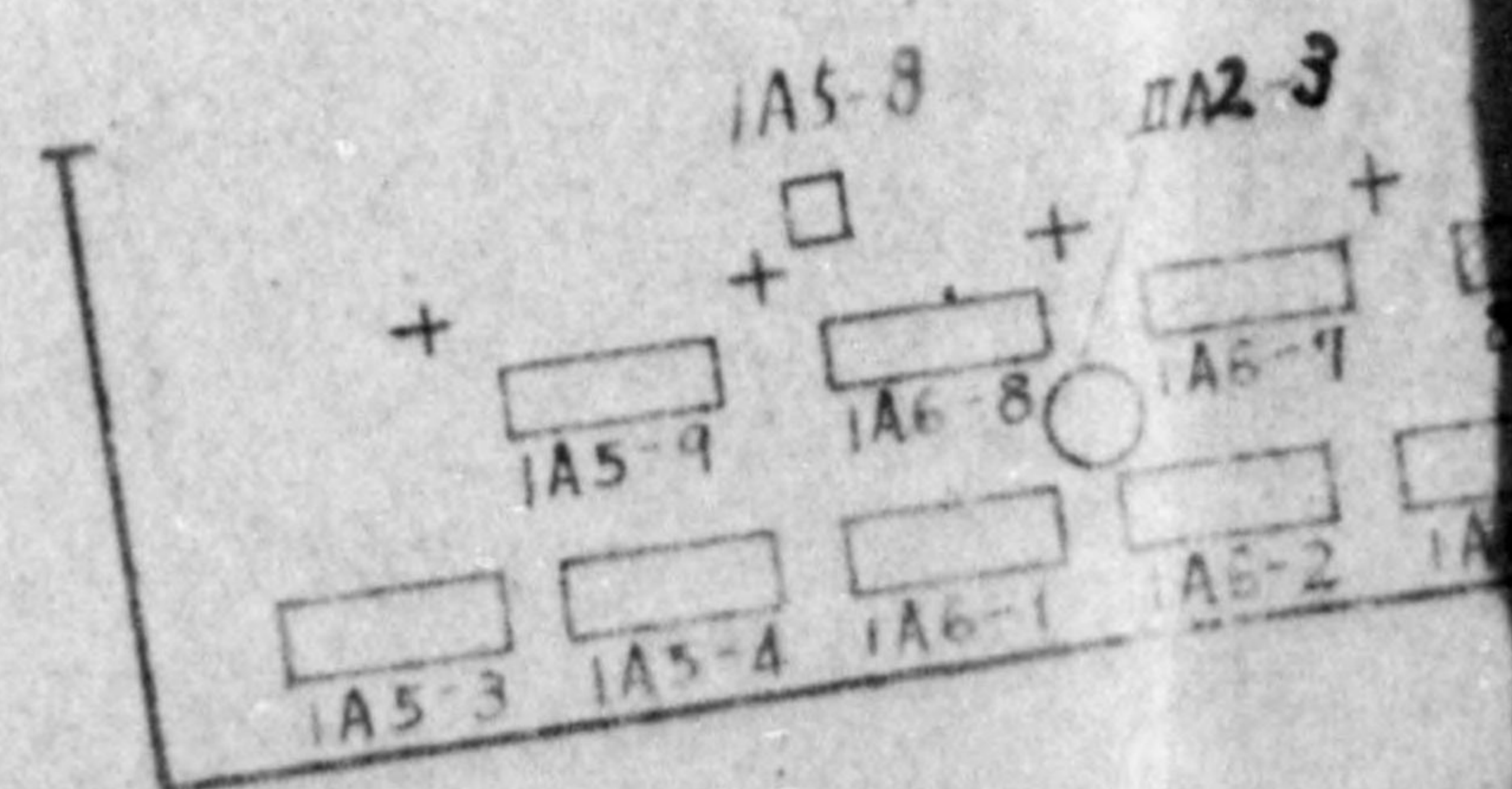
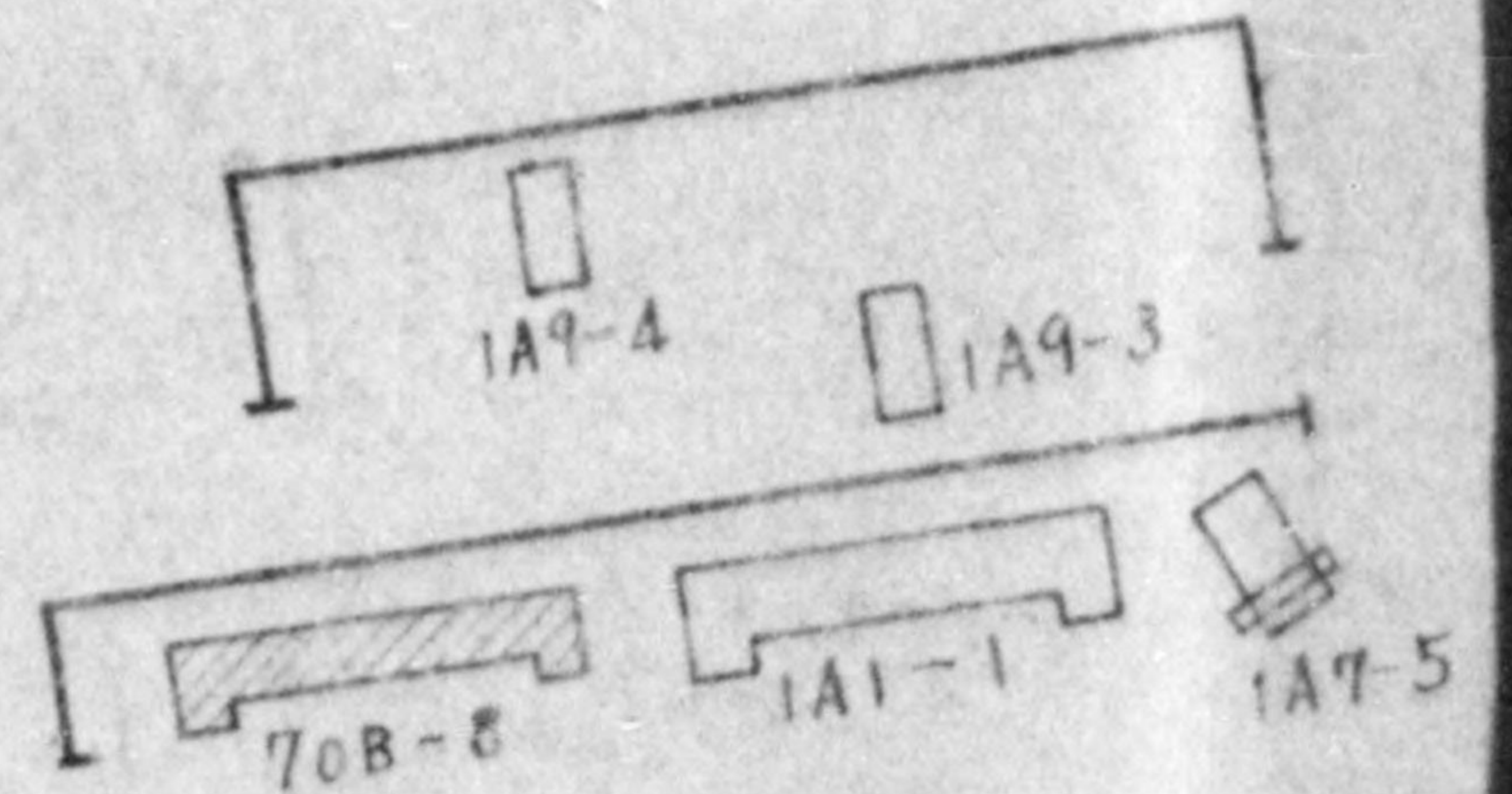
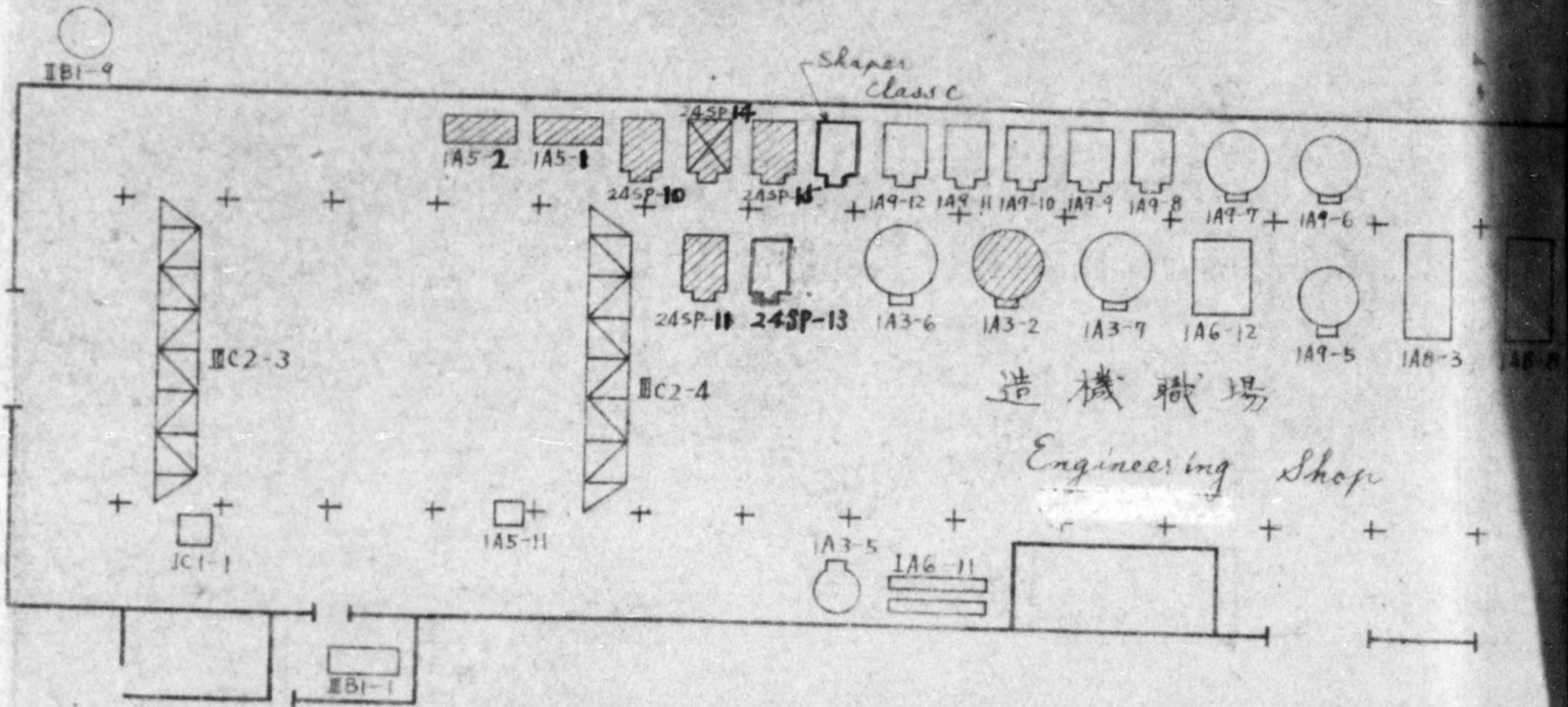
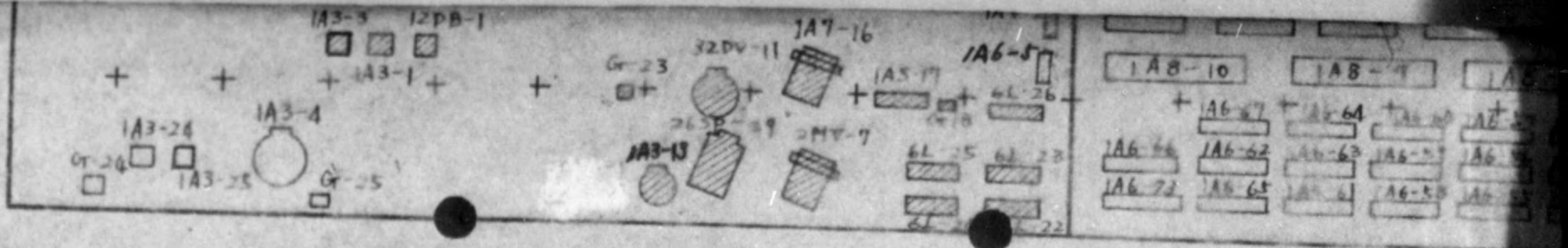
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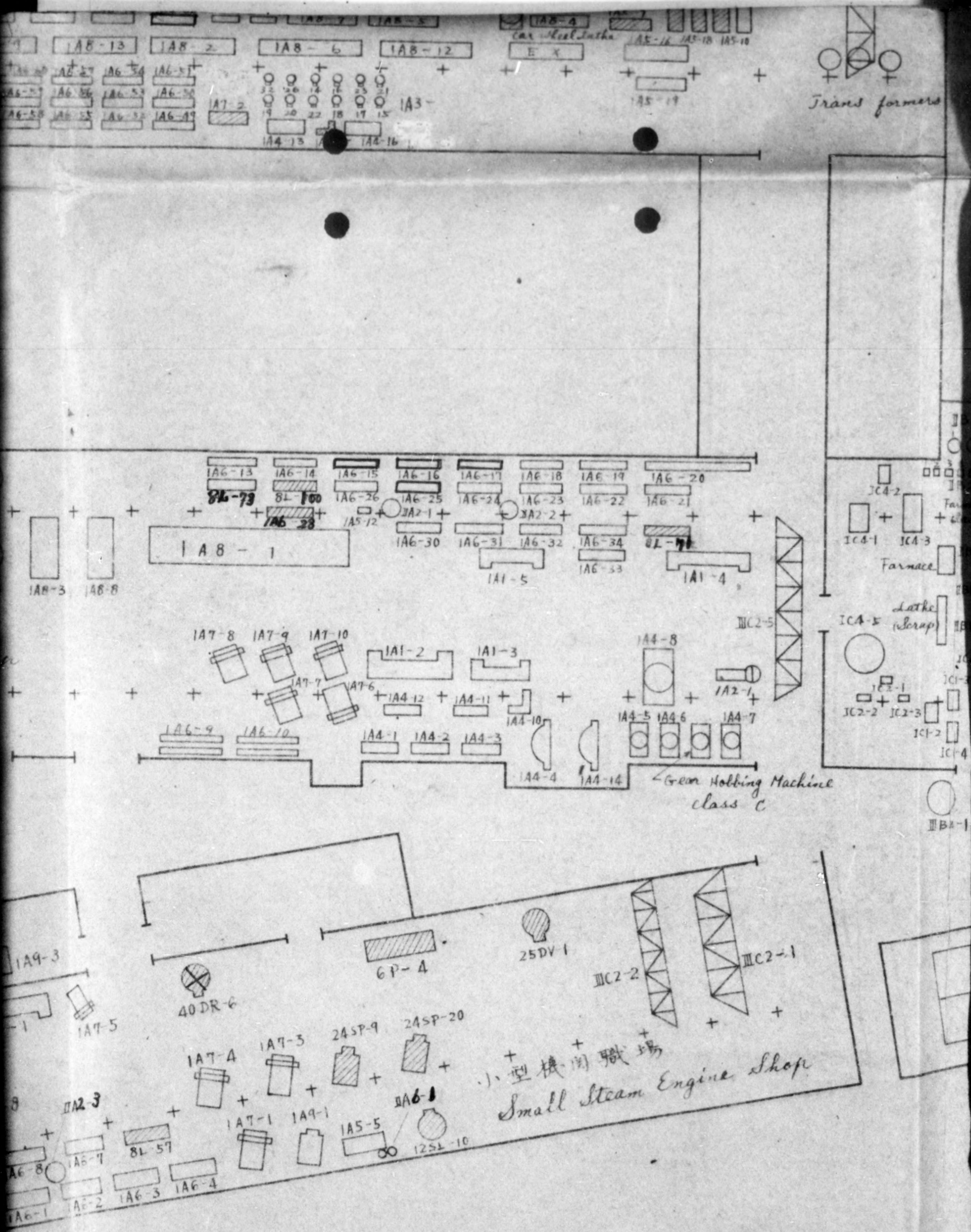
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shop

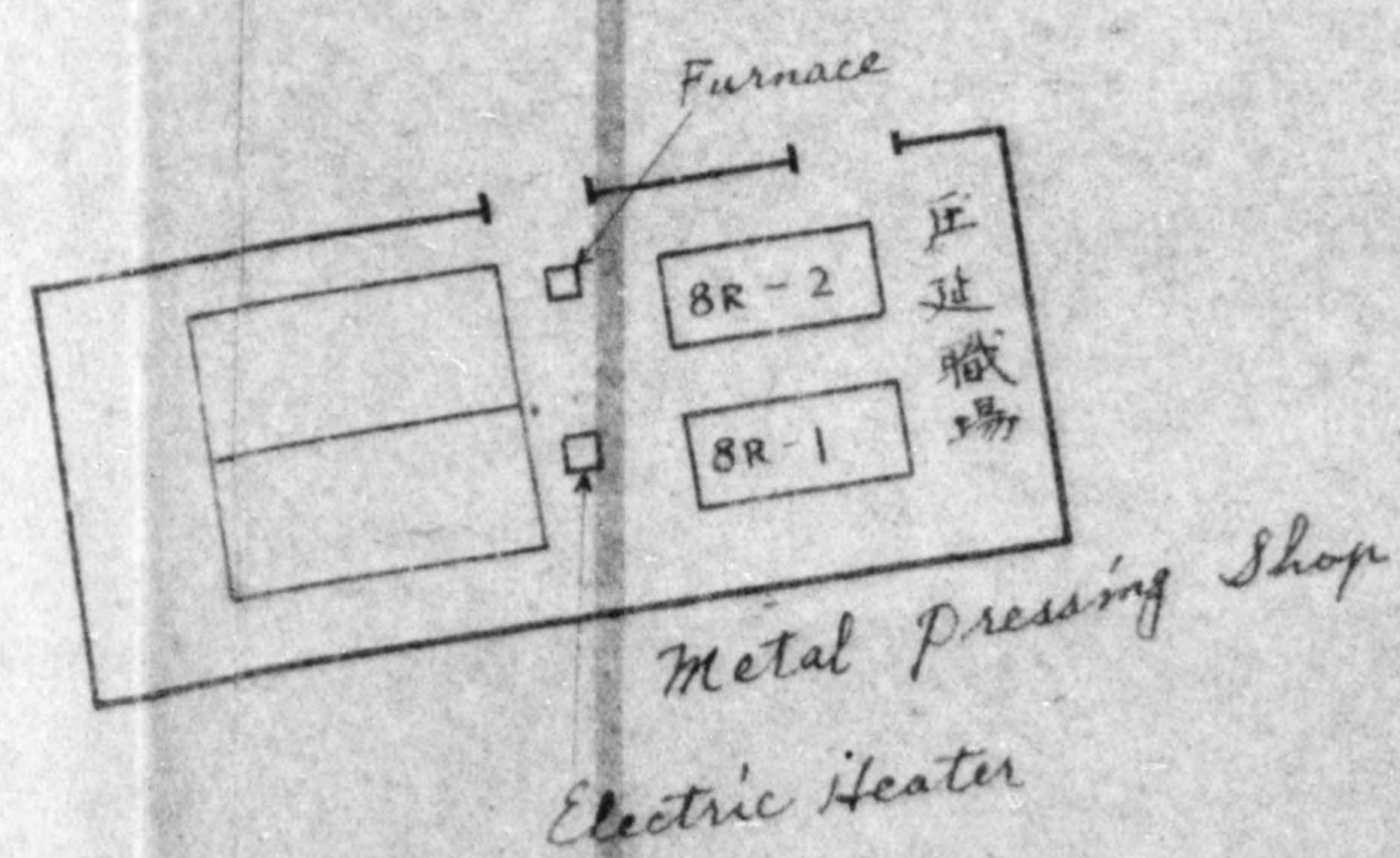
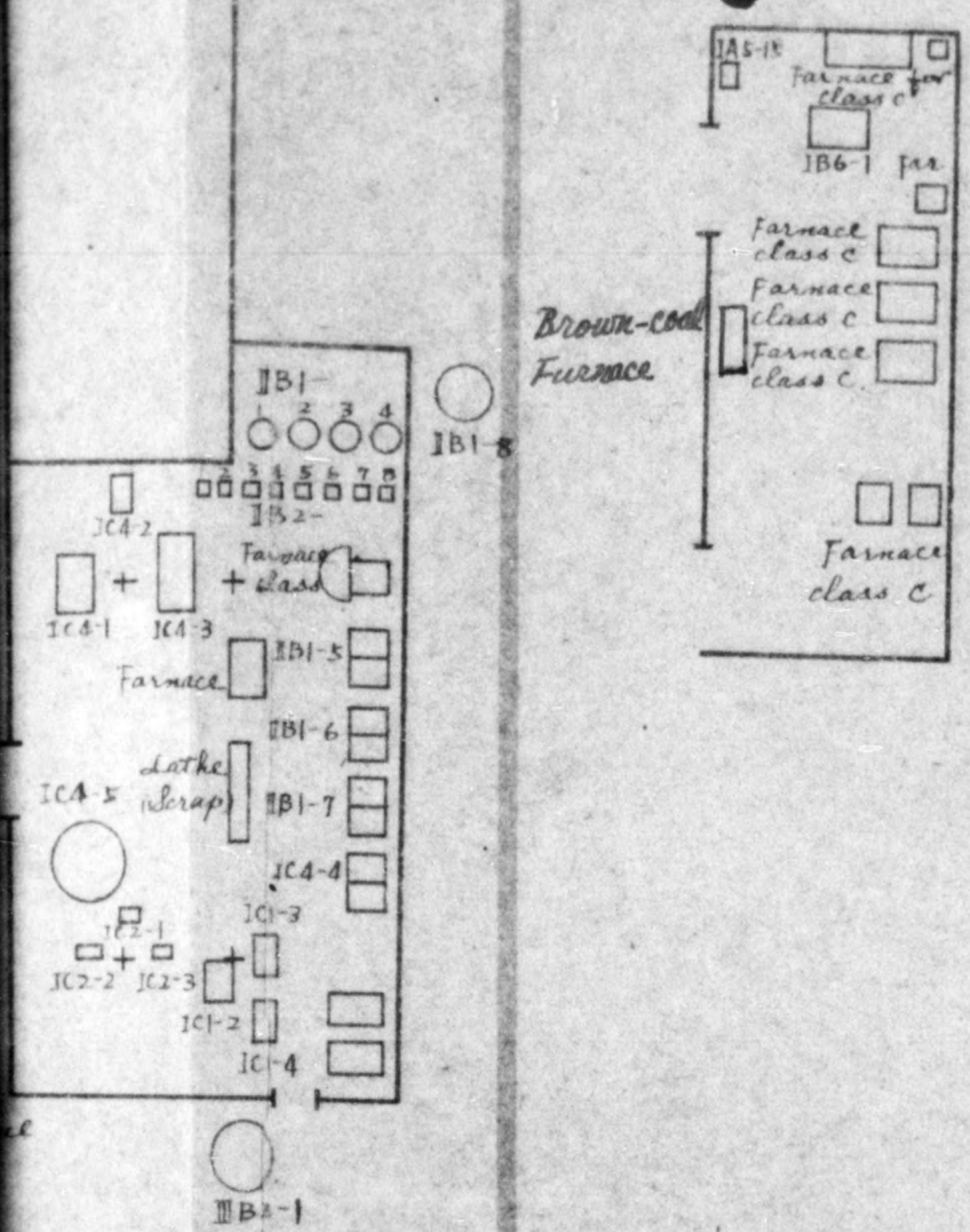


Transformers

Gear Hobbing Machine class C

小型機関職場  
Small Steam Engine Shop

ans formers



Jan. 21, 1948

TO : Eighth Army  
THROUGH : Toyama Military Government Team  
Reparations Section of Toyama Prefecture  
FROM : Tateyama Jukogyo Co., Ltd.  
No.1, Shimo-okui, Toyama City  
SUBJECT : Application for Permission of Installing More  
Machines and Changing the Disposition of Ma-  
chines in the Control-Designated Factory

Allow us to apply for your permission of the following. We are planning to change the name of the shops in the 2nd Factory - the Control-Designated Factory - as shown in the accompanying 1st table and allot the existing business to each of them so that we may increase the efficiency of our company as a whole.

With this plan we are going to install, more machines newly, more machines from the 1st Factory into the 2nd Factory and change the disposition of the machines in the 2nd Factory as shown in the accompanying 2nd and 3rd tables.

1st Table

New Name of Shop	Former Name of Shop	Description of Products
Engineering Section (Erecting Shop) Machine Shop	Repairing Shop	Roll machines, and Machines for general pur- pose ordered
Small Steam Engine Shop	Jig Shop	Small steam engine
Weighing Machine Shop	Weighing Machine Shop	Steel-yard balance and Platform scale
Bearing Shop	Part of Machine Warehouse	Cutting of bearing race
Bobbin Shop	Part of 8th Warehouse	Bobbin for spinning machine
Metal Pressing Shop	Heat Treating Shop	Rolling of copper and zinc plate
2nd Iron Foundry Shop	7th Warehouse	Casting of balances and small steam engine
Machine Warehouse	Machine Warehouse	Idle control-designated machines have been and are to be kept.
Finished-goods Warehouse	Part of 8th Warehouse	Balance and bobbin are to be kept.

2nd Table

Name of Machine	No. Machine No.	Maker	Dimension (mm)	New Location	Expected to be moved from
Standard Type Engine Lathe	2 8L-71 73	Hannya Tekkosho	1138x1150	Engineering Section Machine Shop	2nd Machine Shop
ditto	1 8L-100	Osaka Seisakusho	432x1280	ditto	ditto
Shaper, Horizontal	5 24SP- 10,11, 13,14, 15	Nakamura Kikai Seisakusho	610	ditto	ditto
(Total)	8				
Standard Type Engine Lathe	1 8L-57	Kimoto Tekkosho	1000x1320	Small Steam Engine Shop	2nd Machine Shop
Radial Drilling Machine	1 40DR-6	Dainippon Koki K.K.	40x1500	ditto	1st Machine Shop
Vertical Drilling Machine	1 25DV-1	Tateyama Jukogyo K.K.	25x300	ditto	2nd Machine Shop
Boring Machine	1 70B-8	Matsuda Tekkosho	70	ditto	ditto
Planer	1 6P-4	ditto	600x1830	ditto	ditto
Shaper	2 24SP-9, 20	Nakamura Kikai Seisakusho	610	ditto	ditto
Slotter	1 123L-10	Tateyama Jukogyo K.K.	310	ditto	ditto
(Total)	8				

Name of Machine	No. Machine No.	Maker	Dimension (mm)	New Location	Expected to be moved from	
Standard Type Engine Lathe	2	6L-22, 25	Osaka Seisakusho	403x840	Weighing Machine Shop	2nd Machine Shop
ditto	3	6L-23, 24, 26	Daiyu Tekkosho	389x810	ditto	ditto
Vertical Drilling Machine	1	32DV-11	Handa Seisakusho	32x52	ditto	Subsidiary Shop
Bench Type Drilling Machine	1	12DB-1	Minorikawa Kogyo K.K.	12	ditto	ditto
Double Head Type Tool Grinding Machine	1	G-18	Tateyama Jukogyo K.K.	250	ditto	2nd Machine Shop
ditto	1	G-23	ditto		ditto	Subsidiary Shop
Vertical Milling Machine	1	2MV-7	Hitachi Seiki K.K.	300x750	ditto	2nd Machine Shop
Shaper	1	26SP-29	Nakamura Kikai Seisakusho	610	ditto	Subsidiary Shop

(Total) 11

Standard Type Engine Lathe	2	4L-45, 50	Hannya Tekkosho	412x600	Bearing Shop	Wood-working Shop
ditto	3	4L-46, 47, 48	ditto	692x600	ditto	ditto
ditto	2	4L-118, 122	Hokuriku Kikai	360x500	ditto	Subsidiary Shop Erecting Shop
ditto	1	4L-126	Ota Tekkosho	320x830	ditto	Subsidiary Shop
ditto	3	6L-19,	Osaka Seisakusho	403x840	ditto	2nd Machine Shop

Name of Machine	No. Machine No.	Maker	Dimension (mm)	New Location	Expected to be moved from
Standard Type Engine Lathe	4	6L-102, 103, 104, 105 Ono Tekkosho	400x1370	Bearing Shop	2nd Machine Shop
Double Head Type Grinding Machine	1	G-2 Shibaura Seisakusho	250	ditto	ditto
ditto	1	G-17	300	ditto	ditto
(Total)	17				
Hack Sawing Machine	1	18WS-15 Nihon Mokko K.K.	18" Motor 4P 1 HP	Bobbin Shop	Wood-working Shop
Rough Cutting Machine	1	R-10		ditto	(Ready-made one to be purchased)
Boring Machine	3	R-1,2,3		ditto	(ditto)
Finishing Machine	2	R-6,7 Tateyama Jukogyo K.K.	Motor 4P 5 HP	ditto	(Newly made at our factory)
Chamfering Machine	2	R-4,5 ditto		ditto	(ditto)
ditto	1	R-8 ditto		ditto	(ditto)
Internal Grinding Machine	1	R-9 ditto		ditto	(ditto)
Automatic Balance	2	1W-1,2		ditto	(Ready-made one to be purchased)



Name of Machine	No. Machine No.	Maker	Dimension (mm)	New Location	Expected to be moved from
Polishing Machine	1 R-11	Tateyama Jukogyo K.K.		Bobbin Shop	(Newly made at our factory)
Punching Machine	1 R-13	ditto	Motor 4 P 3 HP	ditto	(ditto)
Colouring Machine	1 R-14	ditto		ditto	(ditto)
Punching Machine	1 R-12	ditto		ditto	(ditto)
(Total)	17				
Heating Electric Furnace	1			Metal Pressing Shop	(Ready-made one to be purchased)
Furnace	1			ditto	(ditto)
(Total)	2				
Cupola	1 Cu-3	Tateyama Jukogyo K.K.	1 ton	2nd Foundry Shop	(Newly made at our factory)
Drying Furnace	2 Fd-10, 11	ditto		ditto	(ditto)
Jib Crane	1 2X-54	ditto	2 ton	ditto	1st Warehouse
Mixer	1 MX-7	ditto	1760 x310	ditto	New Steel Shop
Blower	1		2 P 10 HP	ditto	(Ready-made one to be purchased)
Coal Sender	1			ditto	(For drying furnace )
(Total)	7				
(Sum Total)	70				

3rd Table

Name of Machine	No.	Code No.	Present Location	New Location	Remarks
Radial Drilling Machine, Plain	1	IA3-2	Jig Shop	Machine Shop	
Universal Grinding Machine, Tool & Cutter	2	IA5-1,2	ditto	ditto	
(Total)	3				
Screw Cutting Lathe, Single Spindle	1	IA6-5	Jig Shop	Weighing Machine Shop	
Deep Hole Vertical Drilling Machine	1	IA3-13	Repairing Shop	ditto	
Bench Type Drilling Machine	1	IA3-1	Jig Shop	ditto	
ditto	1	IA3-3	Repairing Shop	ditto	
Surface Grinding Machine, Reciprocating	1	IA5-17	Jig Shop	ditto	
Milling Machine, Knee Type Universal	1	IA7-16	Warehouse	ditto	
Hack Sawing Machine	1	IA9-2	Jig Shop	ditto	
(Total)	7				

Name of Machine	No.	Code No.	Present Location	New Location	Remarks
Turret Lathe, Saddle Type, Standard	1	IA6-36	Warehouse	Bearing Shop	
Standard Type Engine Lathe	12	IA6- 37 - 48	ditto	ditto	
Turret Lathe Saddle Type, Standard	1	IA6-74	ditto	ditto	
Standard Type Engine Lathe	1	IA6-6	Jig Shop	ditto	
ditto	3	IA6-27, 29, 35	Repairing Shop	ditto	
(Total)	18				
Standard Type Engine Lathe	1	IA6-71	Weighing Machine Shop	Machine Warehouse	Storaging as idle machine
Internal Horizontal Broaching Machine	1	IA5-2	Jig Shop	ditto	ditto
Grinding Machine, Combination External & Internal Thread	1	IA5-7	ditto	ditto	ditto
Surface Grinding Machine, Rotary Table	1	IA5-6	ditto	ditto	ditto
Grinding Machine, External Cylindrical & Universal	2	IA5-10, 18	Repairing Shop	ditto	ditto
Gear Tooth Grinding Machine, Spur & Helical	1	IA4-9	ditto	ditto	ditto
Hack Sawing Machine	1	IA9-13	Warehouse	2nd Warehouse	Sawing steel bar

Name of Machine	No.	Code No.	Present Location	New Location	Remarks
Straight Bevel Shaper	1	IA4-15	Repairing Shop	Machine Warehouse	Storaging as idle machine
Planer, Double Housing	1	IA8-2	ditto	ditto	ditto
ditto	1	IA8-8	Warehouse	Machine Shop	
(Total)	11				
(Sum Total)	39				

Cf : The accompanying

"Figure of the Disposition of Machines"  
(Blue print No.1)

"Figure of the New Disposition of Machines"  
(Blue print No.2)

"Figure of 2nd Iron Foundry Shop".

Yoneichi Otani

Yoneichi Otani

Director & President

PLAN FOR PRODUCTION

Jan. 21th, 1948

Tateyama Jukogyo Co., Ltd.

1, Shimo-okui, Toyama City

TO : Toyama Military Government Team

The plan in 1948 is shown in the accompanying 1st table.

To raise the output we are under the necessity to change the disposition of the machines and install more machines, and the plan is shown in the "Application for Permission of Installing More Machines and Changing the Dispositions of Machines in the Control-Designated Factory", which will be presented at the same time as this plan.

As the ratio of indirect workers to direct workers is 4/6 to-day, we are going to change the disposition of indirect workers so that the ratio will be 3/7.

All this plan we will finish by the end of March and put the production on track at the beginning of April.

To realize this plan for production we have the new organization of our company which is shown in the accompanying 2nd table.

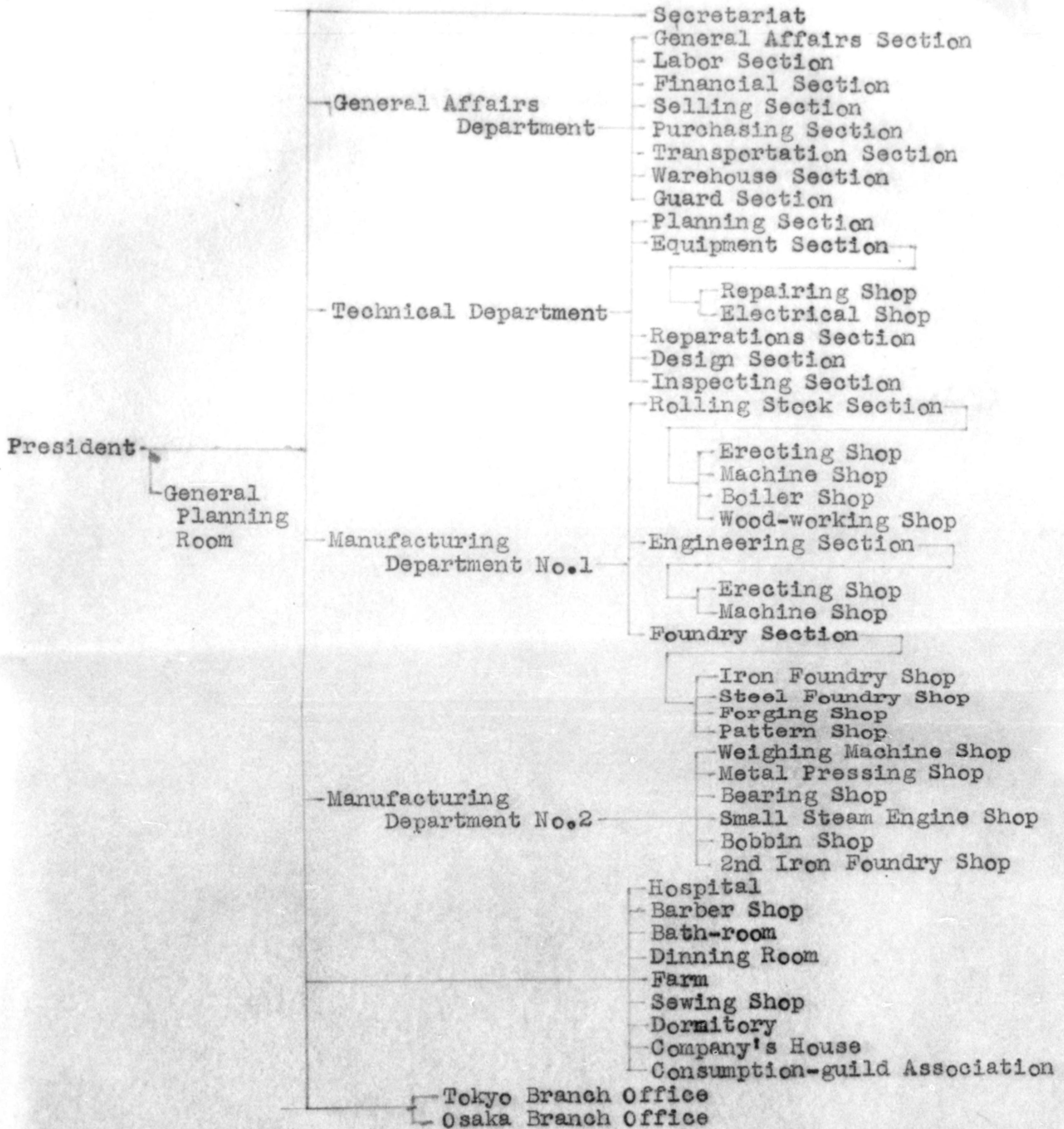
The disposition of each shop in 2nd table is shown in the accompanying figure.

1st TablePRODUCTS AND OUTPUT

Item	Description	Output/Year	Output/Month
Principal Products	Rolling-stock and Mining machines	₹ 56,400,000	₹ 4,700,000
	Rolling machines (Middle type)	₹ 30,000,000	₹ 2,500,000
	( Total )	₹ 86,400,000	₹ 7,200,000
Subsidiary Products	Steel-yard balance and Platform scale	₹ 9,600,000	₹ 800,000
	Rough cutting of bearing race	₹ 3,000,000	₹ 250,000
	Rolling of copper & zinc plate	₹ 1,440,000	₹ 120,000
	Small steam engine	₹ 6,000,000	₹ 500,000
	Bobbin	₹ 2,640,000	₹ 220,000
	( Total )	₹ 22,680,000	₹ 1,890,000
( Sum Total )		₹ 109,080,000	₹ 9,090,000

2nd Table

ORGANIZATION OF COMPANY





Yoneichi Otani

Yoneichi Otani

Director & President

立山重工業株式會社 (昭和二十)

工場建物及敷地

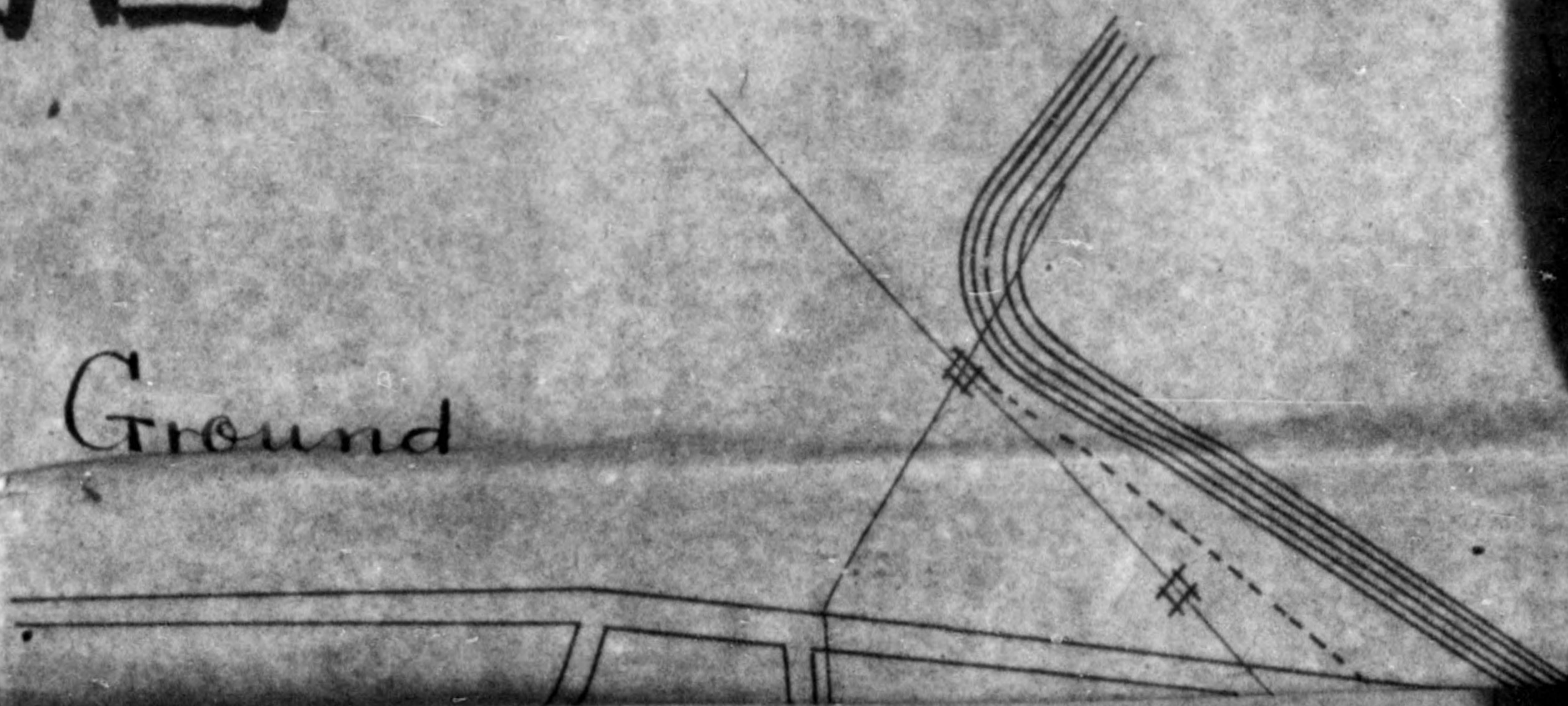
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The Plane Figure of Structure  
of Tateyama Jukogyo Co.,  
(Scale 1/2000)

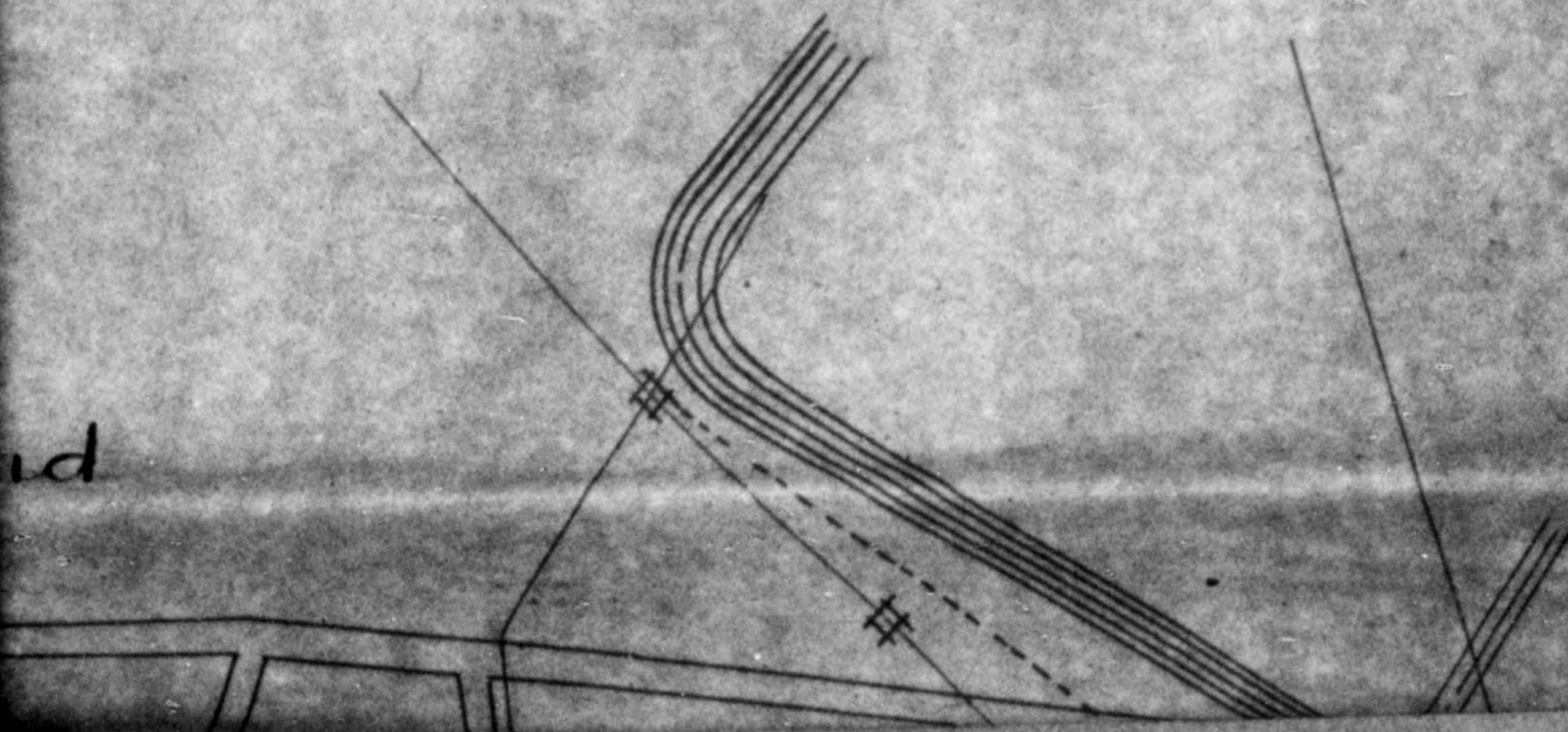
上 (昭和二十二年二月)

# 敷地平面圖

of Structure and Ground  
ogyo Co, Ltd



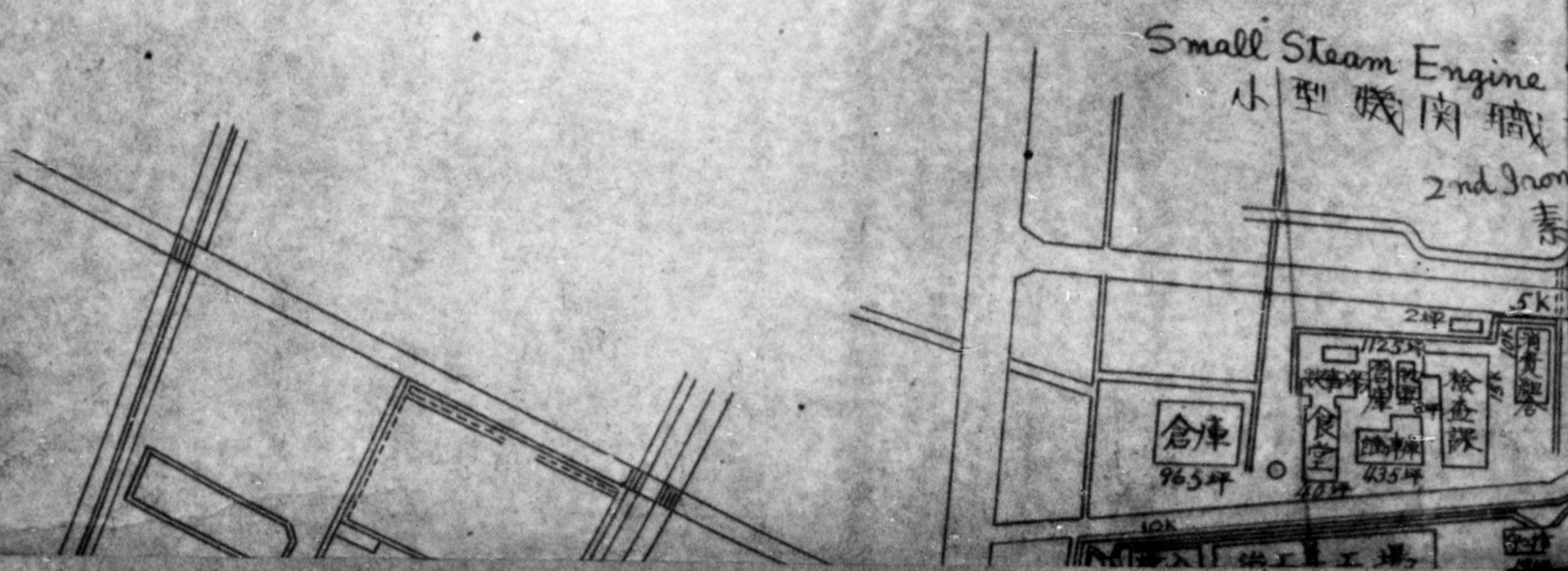
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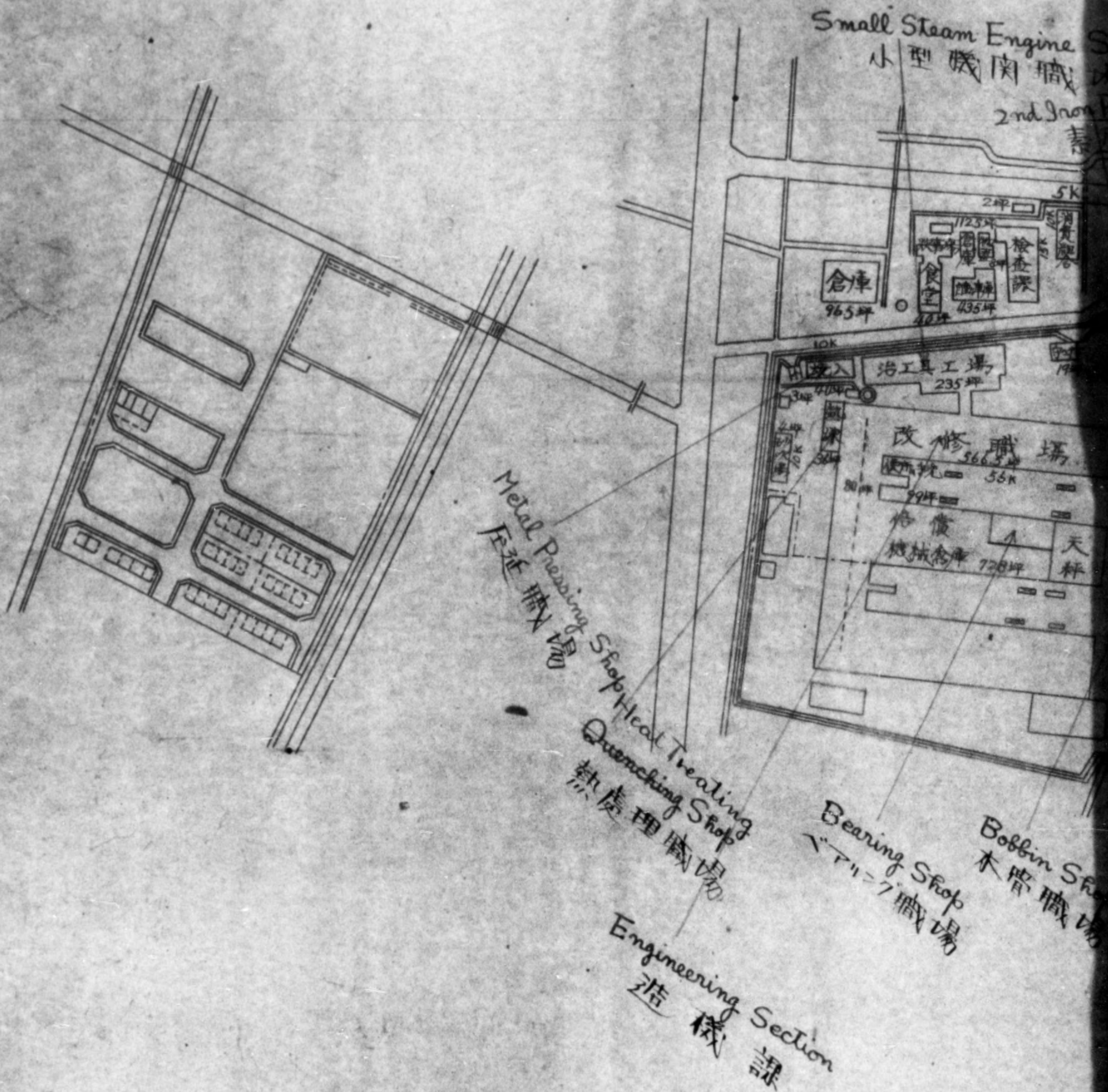
湖八風防

The Plane Figure of Structure of Tateyama Jukogyo Co.  
(Scale 1/2000)

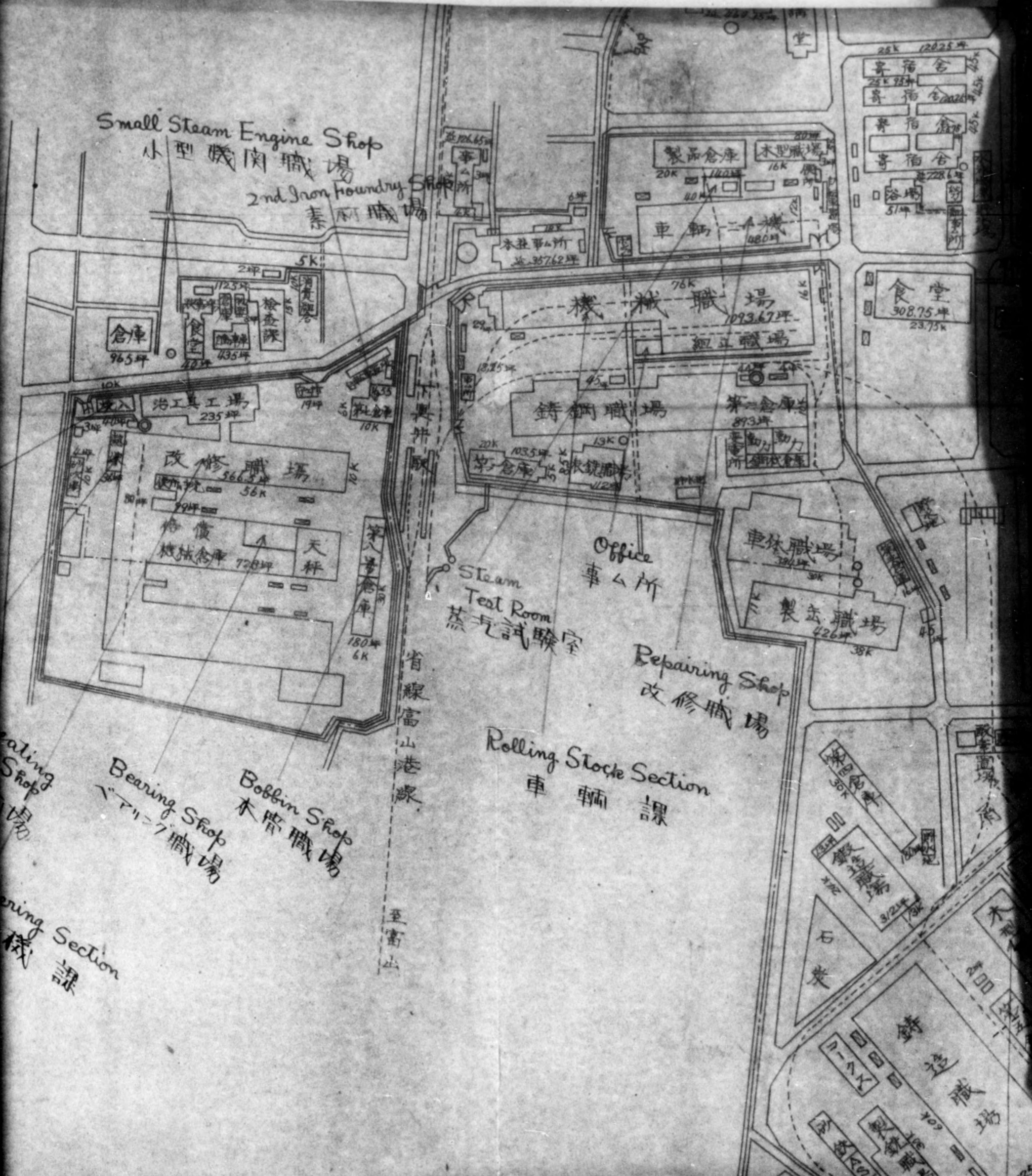


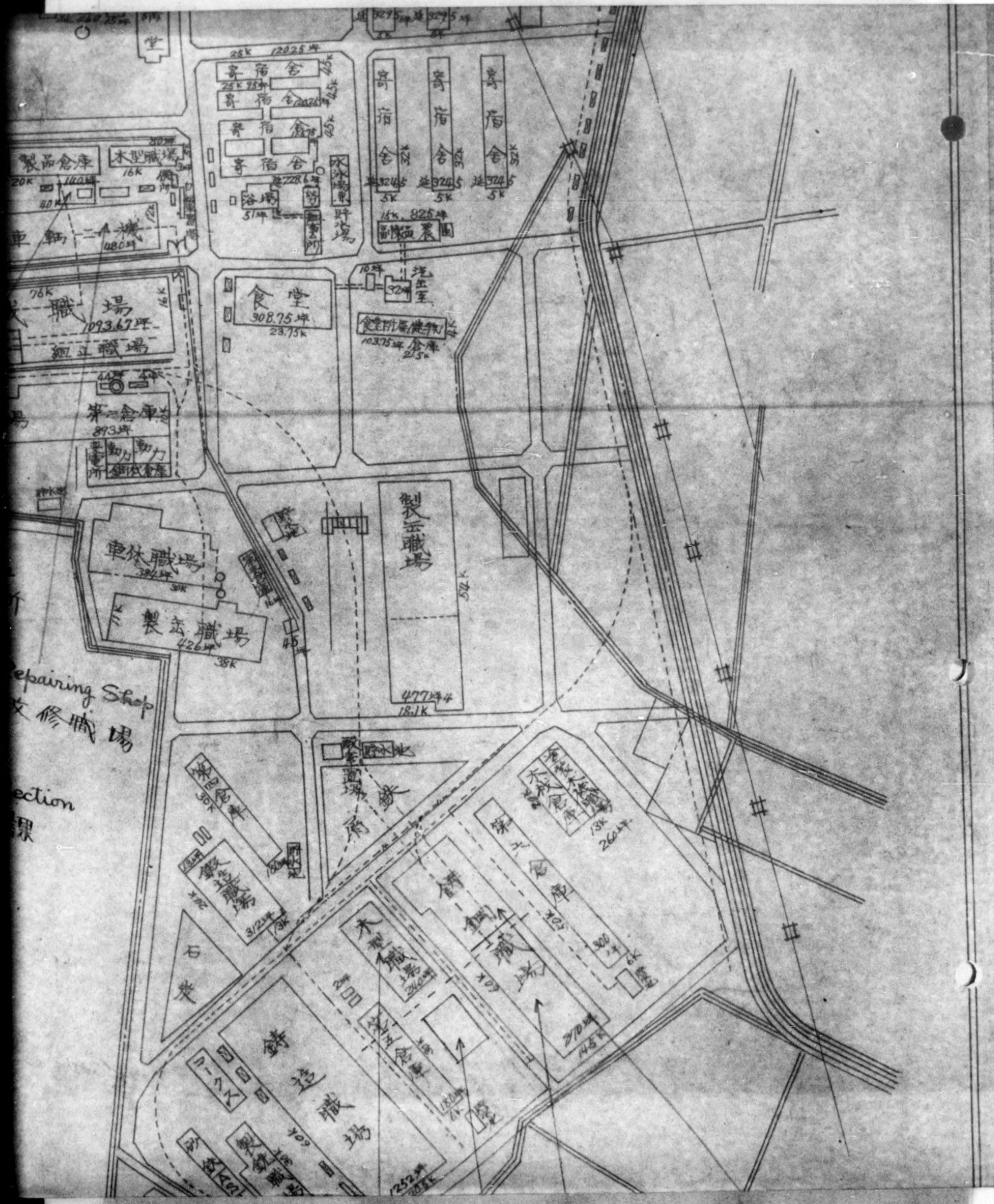












Repairing Shop  
文修工場




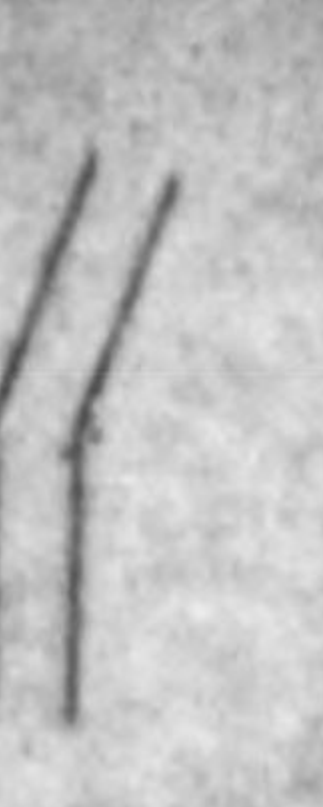



Section  
界

Oil Treating Shop  
Quenching Shop  
熱處理廠場

Bearing Shop  
ベアリング工場

Bobbin Shop  
木管工場

Engineering Section  
造機課

							凡
社有地境界	橋梁	軌道	用水	道路	計畫建物	既存建物	例

