

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

Description of contents

- (1) Box no. 2939
- (2) Folder title/number: (30)
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Industry & Trade Co. - Ashiya Plant
- (3) Date: July 1947
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CLASSIFICATION AND SPECIFICATIONS

Code No. 82

Fukuhara Industry & Trade Co.

ION AND SPECIFICATIONS

Code No. 82

Fukuhara Industry & Trade Co., Ltd., Ashiya Plant.

9th July, 1947.

Metal Working Machines

Machine Tools

3. Drilling machines

Arm length	Drilling capacity in steel or cast iron	Diameter of spindle	Maker's name	Model number	Serial No.	Year of manufacture	Year of reconditioning	Weight (kg)	Overall dimension (cm)	C.S.D. or Motor drive Voltage Cycle H.P.	Remark
150	25	59	Hayashi Kan Co.			1936		800	120x40 x180	C.S.D.	Class: I
160	30	63	Futamioto Eigyosho			1936		800	135x50 x200	C.S.D.	Class: I
150	10	35	Unknown			1934	1939	250	65x35 x180	C.S.D.	Class: I
110	12	15	Ogawa Iron Works			1936		100	70x30 x90	I.M.D. 100V 50-60 Hz 1/4 H.P.	Class: I
130	9.5	19.1	Nakamura Iron Works			1938		100	66x40 x92	I.M.D. 100V 50-60 Hz 1/4 H.P.	Class: I
148	6.4	15.9	Osaka Seiki			1936		100	60x30 x65	C.S.D.	Class: I
100	6	14	Yoshida Iron Works			1944		100	70x32 x70	C.S.D.	Class: I

I. Metal Working Machine
 A. Machine Tools
 5. Grinding machine

Inventory Code No.	Type	Sub type	Standard diameter & width of grinding wheel	Maximum diameter of work using standard wheel	Maximum diameter between centers	Maximum diameter and depth of hole ground	Table traverse Longitudinal Cross Vertical	Table or chuck surface dimension	Maximum helix angle adjustment of wheel	Max. distance between table and standard size wheel
IAS-1	External cylindrical	Universal	250 ^φ x 13	260	570					
IAS-2	"	Plain	250 ^φ x 13	200	600					
IAS-3	Universal Tool and Cutter		100 ^φ x 20				400 100 290	115 x 660		110
IAS-4	Surface	Reciprocating Table	250 ^φ x 15	150 x 50			500 150 100	150 x 460		50
IAS-5	Tool		300 ^φ x 32							
IAS-6	"		250 ^φ x 32							
IAS-7	"		300 ^φ x 32							

Working Machines

Machine Tools

5. Grinding machines

or ck e sion	Maximum helix angle adjustment of wheel	Max. distance between table and standard size wheel	Maker's name	Model No.	Serial No.	Year of manufacture	Year of recondition- ing	Weight (kg)	Overall dimension (cm)	C.S.D. or Motor drive Voltage Cycle H.P.	Remark
			Omori Seiki			1936		1000	173x100 x125	C.S.D.	Class I
			Honjo Iron Works			1938		1000	150x100 x130	C.S.D.	Class II Main bearings
60		110	Hayashi Kan Shoten			1936		300	90x70 x160	C.S.D.	Class I Worn out
60		50	Asahira Kikasha			1940		800	130x90 x205	I.M.D. 220V 50-60Hz 3HP.	Class I
			Nakayama Honten			1938		300	65x50 x110	I.M.D. 220V 50-60Hz 2HP.	Class II switch cover
			Motouchi Seisatsusho			1938		70	50x30 x37	I.M.D. 220V 60W 1HP.	Class II switch cover
			Ten Denshokyo			1939		300	65x55 x112	I.M.D. 220V 50-60Hz 2HP.	Class II switch cover

I. Metal Working Machines

A. Machine Tools

6. Lathes

1	2	3	4	5	6	7	8	9	10	11
Inventory Code No.	Type	Sub type	Swing over ways	Swing over carriage	Round bar capacity	No. of Spindle	Length between centers	Type of turret & dimension of hole	Makers name	Model No.
IA6-1	Engine		190	120	120	MT-1	390		Omor Seiki Seisakusho	
IA6-2	"		"	"	"	"	"		"	
IA6-3	"		"	"	"	"	"		"	
IA6-4	"		"	"	"	"	"		"	
IA6-5	"		"	"	"	"	"		"	
IA6-6	"		"	"	"	"	"		"	
IA6-7	Gap Lathe		240	150	150	MT-2	520		Rokuroku Shoten	
IA6-8	"		"	"	"	"	"		"	
IA6-9	"		"	"	"	"	"		"	
IA6-10	"		"	"	"	"	"		"	

Working Machines

Machine Tools

6. Lathes (1)

9	10	11	12	13	14	15	16	17	18
Type of urret & ension of hole	Maker's name	Model No.	Serial No.	Year of manufacture	Year of recondition- ing	Weight (Kg)	Overall dimension (cm)	C.S.D. or Motor drive Voltage Cycle H.P.	Remark
	Owari Seiki Seisakusho			1936		300	105x40 x105	C.S.D.	Class: II worn out
	"			"		"	"	"	"
	"			"		"	"	"	"
	"			"		"	"	"	"
	"			"		"	"	"	"
	Rokuroku Shoten			"		350	120x55 x112	"	"
	"			"		"	"	"	"
	"			"		"	"	"	"
	"			"		"	"	"	"

6. Lathes

(2)

1	2	3	4	5	6	7	8	9	10	11
IA6-11	Gap Lathe		400	280	280	MT-3	750		Ukita Kosakusho	
IA6-12	"		500	320	320	MT-3	750		Hayashi Kan Shoten	
IA6-13	Engine		320	190	190	MT-2	600		Nakayama Honten	
IA6-14	"		380	240	240	MT-2	600		Nomura Iron Works	
IA6-15	"		380	240	240	MT-2	600		"	
IA6-16	"		320	200	200	MT-2	550		Ito Iron Works	
IA6-17	"		380	240	240	MT-2	600		Nomura Iron Works	
IA6-18	Gap Lathe		400	280	280	MT-3	750		Ukita Kosakusho	
IA6-19	Engine		380	240	240	MT-2	600		Nomura Iron Works	
IA6-20	"		"	240	240	MT-2	600		"	
IA6-21	"		320	190	190	MT-2	600		Nakayama Honten	
IA6-22	"		380	240	240	MT-2	600		Nomura Iron Works	

Lathes (2)

	10	11	12	13	14	15	16	17	18
Ukita Kosakusho				1936		1200	225x85 x120	C.S.D.	Class: I
Hayashi Kan Shoten				"		1000	225x100 x125	"	"
Nakayama HonTen				"		600	158x62 x120	"	"
Nomura Iron Works				"		700	170x87 x122	"	Class: II worn out
"				"		"	"	"	"
Ito Iron Works				"		"	157x68 x116	"	"
Nomura Iron Works				"		"	170x87 x122	"	"
Ukita Kosakusho				"		1200	225x85 x120	"	Class: I
Nomura Iron Works				"		700	170x87 x122	"	Class: II worn out
"				"		"	"	"	"
Nakayama HonTen				"		600	158x62 x120	"	"
Nomura Iron Works				"		700	170x87 x122	"	"

6. Lathes (3)

1	2	3	4	5	6	7	8	9	10	11
IA6-23	Engine		425	305	305	MT-4	750		Own make	H
IA6-24	"		380	240	240	MT-2	600		Nomura Iron works	
IA6-25	Gap Lathe		460	260	260	MT-3	900		Takahashi Iron Works	
IA6-26	Engine		380	240	240	MT-2	600		Nomura Iron Works	
IA6-27	"		425	305	305	MT-4	750		Own make	H
IA6-28	"		"	"	"	"	"		"	"
IA6-29	"		"	"	"	"	"		"	"
IA6-30	"		"	"	"	"	"		"	"
IA6-31	"		"	"	"	"	"		"	"
IA6-32	"		"	"	"	"	"		"	"
IA6-33	"		"	"	"	"	"		"	"
IA6-34	Bench Type		180	110	110		420		"	NSM-5

Thes (3)

9	10	11	12	13	14	15	16	17	18
	Own make	H		1944		2040	215x90 x120	I.M.D. 220V 50-60~ 5 H.P.	class: I
	Nomura Iron works			1936		700	170x87 x122	C.S.D.	class: II worn out
	Takahashi Iron Works			1938		1500	224x105 x125	C.S.D.	class: I
	Nomura Iron Works			1936		700	170x87 x122	C.S.D.	class: II worn out
	Own make	H		1942		2040	215x90 x120	I.M.D. 220V 50-60~ 4 H.P.	class: I switch oil pump
	"	"		1942		"	"	"	"
	"	"		1943		"	"	IMD. 220V 50-60~ 5 H.P.	"
	"	"		1943		"	"	"	"
	"	"		1943		"	"	"	Class: II switch oil pump gear box
	"	"		1944		"	"	"	Class: II switch oil pump
	"	"		1944		"	"	"	class: I oil pump
	"	NSM-5		1943		100	90x33 x34	C.S.D.	class: III assembled by waste materials

6. Lathes (4)

1	2	3	4	5	6	7	8	9	10	11
IA6-35	Bench Type		180	110	110		420		Own make	NSI
IA6-36	"		"	"	"		"		"	"
IA6-37	"		"	"	"		"		"	"
IA6-38	"		"	"	"		"		"	"
IA6-39	"		"	"	"		"		"	"
IA6-40	"		"	"	"		"		"	"
IA6-41	"		"	"	"		"		"	"
IA6-42	"		"	"	"		"		"	"
IA6-43	Bench Lathe on Stand		"	"	"		"		"	NSI
IA6-44	"		"	"	"		"		"	"
IA6-45	"		"	"	"		"		"	"
IA6-46	"		"	"	"		"		"	"

Lathes (4)

9	10	11	12	13	14	15	16	17	18
	Own make	NSM-5		1943		100	90x33 x34	C.S.D.	class: II assembled by waste materials
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	NSM-T		"		600	110x50 x200	IMD 220V 50-60~ 1/2 H.P.	class: I
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		1944		"	"	"	"

6. Lathes (5)

1	2	3	4	5	6	7	8	9	10	11
IA6-47	Bench Lathe on Stand		180	110	110		420		Own make	NSM
IA6-48	"		"	"	"		"		"	"
IA6-49	"		"	"	"		"		"	"
IA6-50	"		"	"	"		"		"	"
IA6-51	"		"	"	"		"		"	"
IA6-52	"		"	"	"		"		"	"
IA6-53	"		"	"	"		"		"	"
IA6-54	"		"	"	"		"		"	"
IA6-55	"		"	"	"		"		"	"
IA6-56	"		"	"	"		"		"	"
IA6-57	"		"	"	"		"		"	"
IA6-58	"		"	"	"		"		"	"

Lathes (6)

9	10	11	12	13	14	15	16	17	18
	Own make	NSM-7		1944		600	110x50 x200	I.M.D. 220V 50-60W 1/2 H.P.	class: I
	"	"		"		"	"	"	"
Iron Type 18	"	NST-2		1942		115	105x50 x45	C.S.D.	class: I
	"	H		1945		2000	215x90 x120	I.M.D. 220V 50-60W 5 H.P.	class: II Motor Switch, etc.
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	"		"		"	"	"	"
	"	NSM-5		1942		100	90x33 x34	C.S.D.	class: I
	Lorch			1934		20	50x25 x20	C.S.D.	class: I

Working Machines
Machine Tools
7. Milling machines

9	10	11	12	13	14	15	16	17	18
Center of spindle to edge of table	Maker's name	Model No.	Serial No.	Year of manufacture	Year of recondition- ing	Weight (Kg)	Overall dimension (cm)	C.S.D. or Motor drive Voltage Cycle H.P.	Remark
255	Unknown			1936		500	90x80 x100	C.S.D.	Class: II worn out
335	Nakayama Honten			1936		800	120x110 x140	C.S.D.	Class: I
	Nomoto Iron Works			1936		800	130x125 x135	C.S.D.	Class: I
	Nakayama Honten			1936		800	135x140 x140	C.S.D.	Class: I
460	Howa Jukogyo	M6		1944		2500	180x170 x190	I.M.D. 220V 50-60~ 5 H.P.	Class: I
	Own make	S		1940		1500	210x170 x200	C.S.D.	Class: I
	Own make	NSE-1		1938		90	82x48 x75	Belt Drive	Class: I

I. Metal Working Machines
 B. Secondary Metal Forming and Shaping Machines and

1	2	3	4	5	6	7	8	9	10
Inventory Code No.	Type	Sub type	Number of Rams	Size of Table or Bed	Stroke	Capacity	Maker's Name	Model No.	Serial No.
IB3-1	Manual press			240x230	120	50 kg	Unknown		

I.C: Miscellaneous Metal Working Equipment, II: Electrical Machinery and Apparatus
 III: General Purpose Industrial Machinery and Equipment.

1	2	3	4	5	6	7	8	9	10
Inventory Code No.	Name of Machine	Type	Size or Capacity	Maker's Name	Year of manufacture	Weight (kg)	Overall dimensions	C.S.D. or Motor drive Voltage Cycle HP.	Remarks
IC2-1	Gear Tester		max. 400 ϕ	Mitsui Seiki	1943	90	57x75 x50		Classified
IC2-2	Minimeter			Riken	1942	10	22x22 x40		Classified
IC2-3	Minimeter			Shimazu Seisakusho	1943	15	20x30 x40		Classified

Winding Machines and Equipments

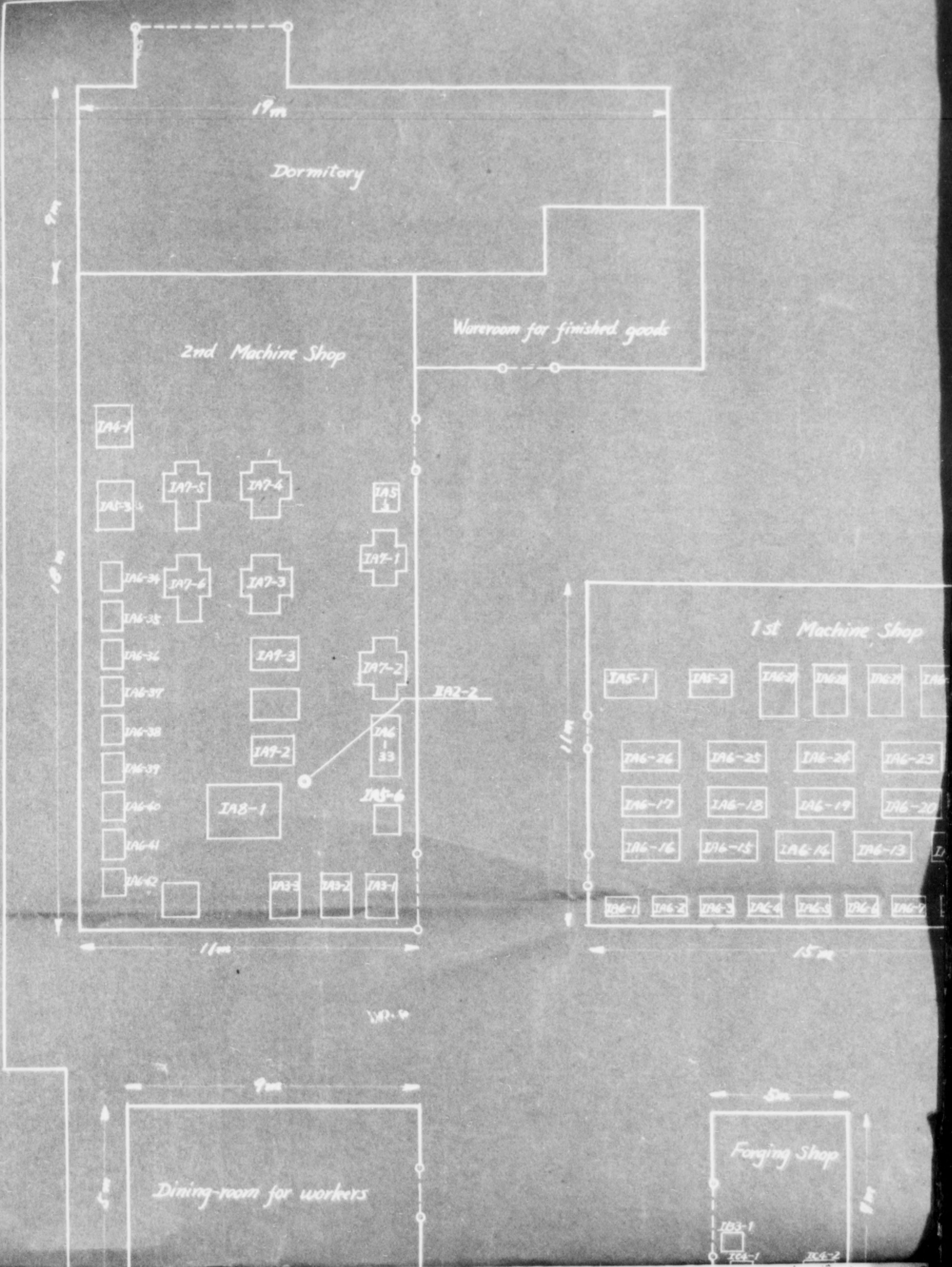
8	9	10	11	12	13	14
Maker's name	Model No.	Serial No.	Year of manufacture	Weight (kg)	Overall dimensions (cm)	Remark
			1943	100	52x52 x59	Class: I

Winding Machinery and Apparatus, and

8	9	10
Overall dimensions	C.S.D. or Motor drive Voltage Cycle H.P.	Remark
57x75 x50		Class: I No Dial gauge
22x22 x40		Class: I
20x30 x40		Class: I

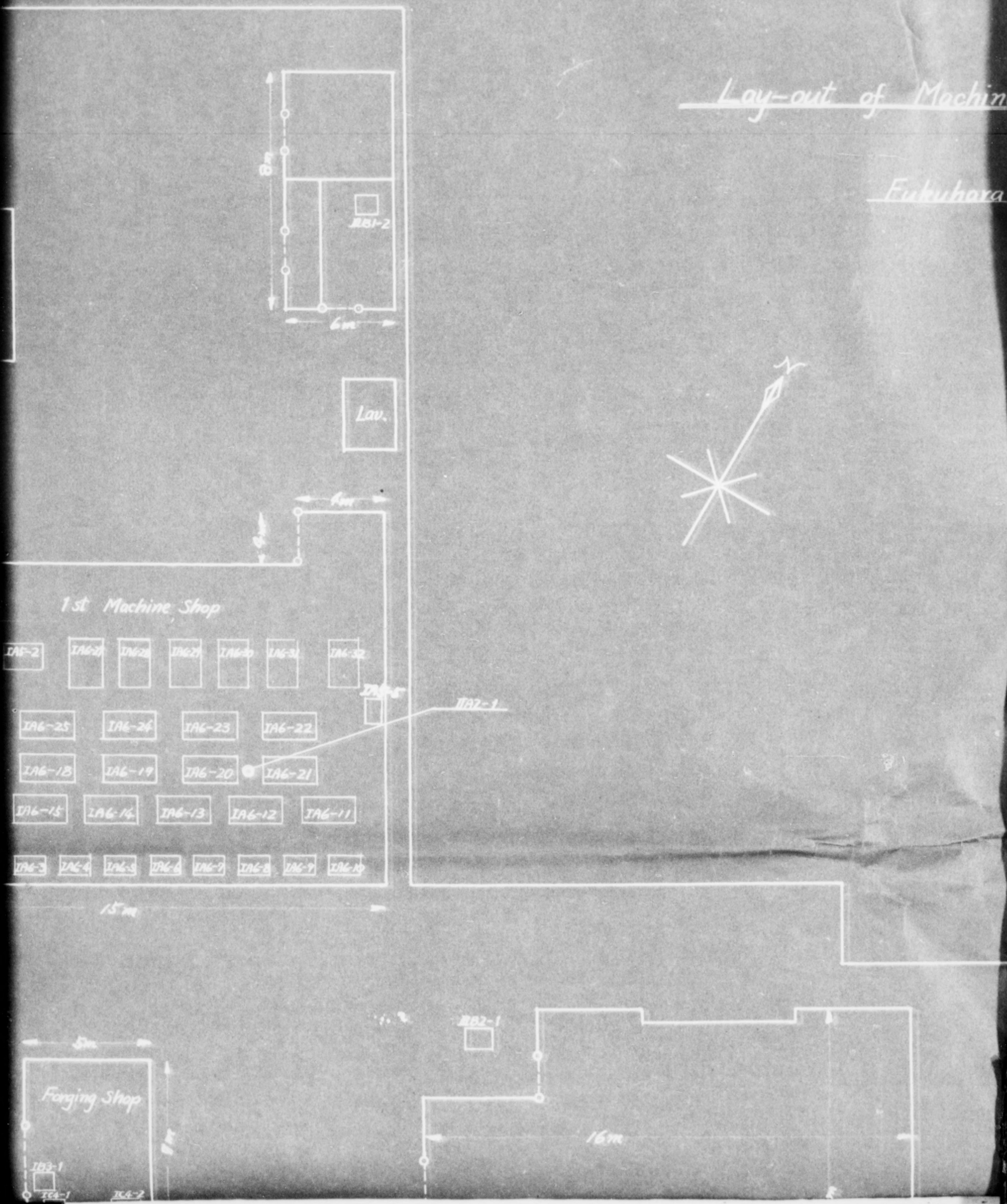
1	2	3	4	5	6	7	8	9
IC2-4	Coordinate Tester		150x100	Shimazu Seisakusho	1943	15	50x40 x40	-
IC2-5	Shore Hardness Tester		90 ϕ	Takashima- ya.	1939	8	17x17 x35	-
IC2-6	"			"	1940	8	17x17 x35	-
IC2-7	Rockwell Hardness Tester			Togoshi Seiki	1943	100	50x25 x66	-
IC4-1	Gas Furnace	Muffle	330x550 x450	Kobe Gas Co.	1942	600	134x120 x190	-
IC4-2	"	"	200x400 x250	"	1941	300	100x100 x162	-
IC4-3	"	"	100x150 x70	"	1942	80	41x60 x115	-
IIA2-1	3 Phase Induction Motor			Mitsubishi Denki	1939	200	63x45 x44	220V 50-60 Hz 10 H.P.
IIA2-2	"			Meidensha	1939	200	60x45 x48	220V 50-60 Hz 10 H.P.
IIIB1-1	Air Blower		5 HP.	Kobe Gas Co.	1941	500	65x100 x90	M.D. 220V 50-60 Hz 5 H.P.
IIIB1-2	Air Compressor		6 $\frac{kg}{cm^2}$	Taiyo Chuki K.K.	1940	300	115x90 x120	M.D. 220V 50-60 Hz 10 H.P.
IIIB1-3	Portable Compressor		80 $\frac{lb}{sq}$	Iwatamasa Shaten	1936	120	90x43 x90	M.D. 220V 50-60 Hz 1/2 H.P.
IIIB2-1	Water Pump		1/2 HP.	Unknown	1942	10	45x30 x35	M.D. 110V 50-60 Hz 1/2 H.P.

5	9	10
50x40 x40	-	Class: I
17x17 x35	-	Class: II Internal disorder
17x17 x35	-	Class: II Internal disorder
50x25 x66	-	Class: I
134x120 x190	-	Class: I
100x100 x162	-	Class: I
41x60 x115	-	Class: I
63x45 x44	220V 50-60 Hz 10 H.P.	Class: I
60x45 x48	220V 50-60 Hz 10 H.P.	Class: I
65x100 x90	M.D. 220V 50-60 Hz 5 H.P.	Class: I
115x90 x120	M.D. 220V 50-60 Hz 10 H.P.	Class: II Motor burn.
90x43 x90	M.D. 220V 50-60 Hz 1/2 H.P.	Class: I
45x30 x35	M.D. 110V 50-60 Hz 1/2 H.P.	Class: II worn out



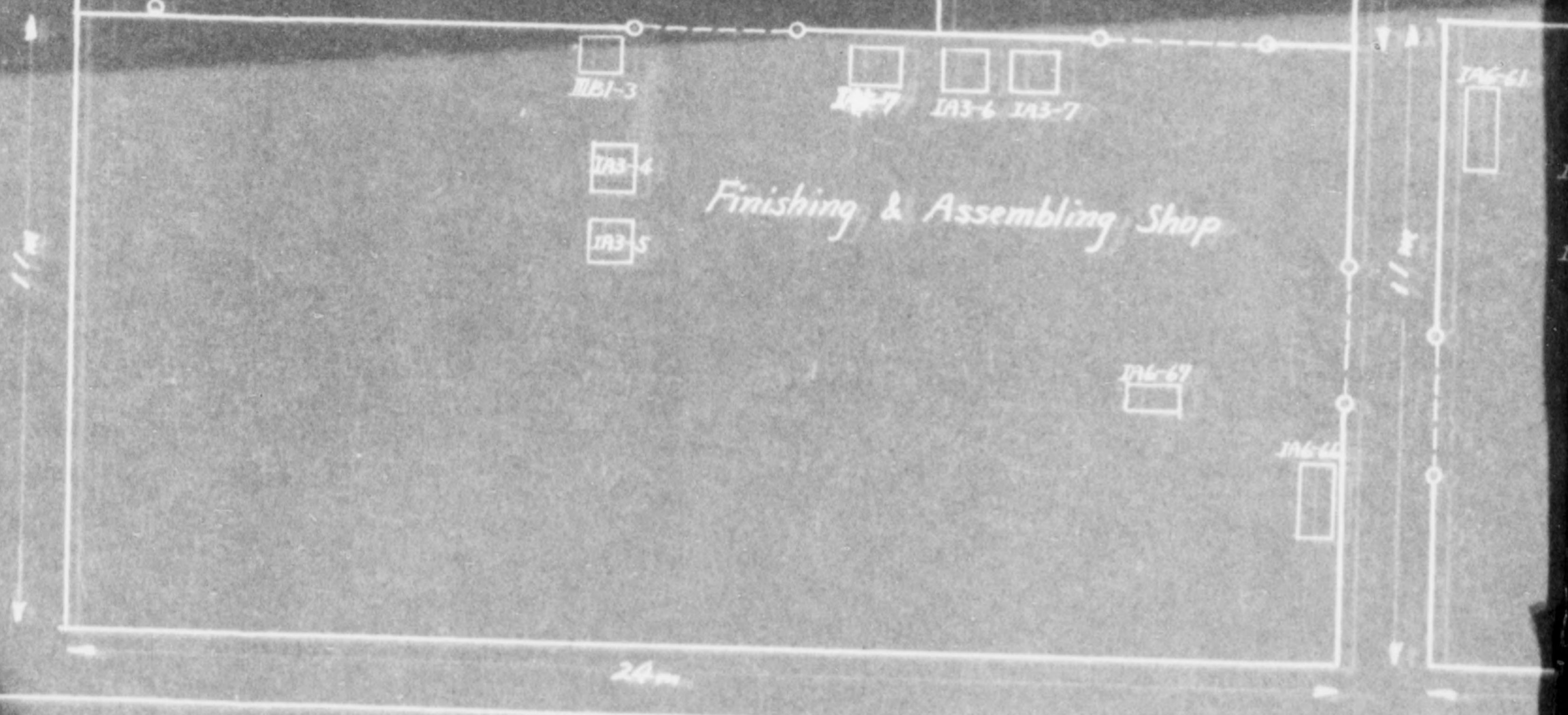
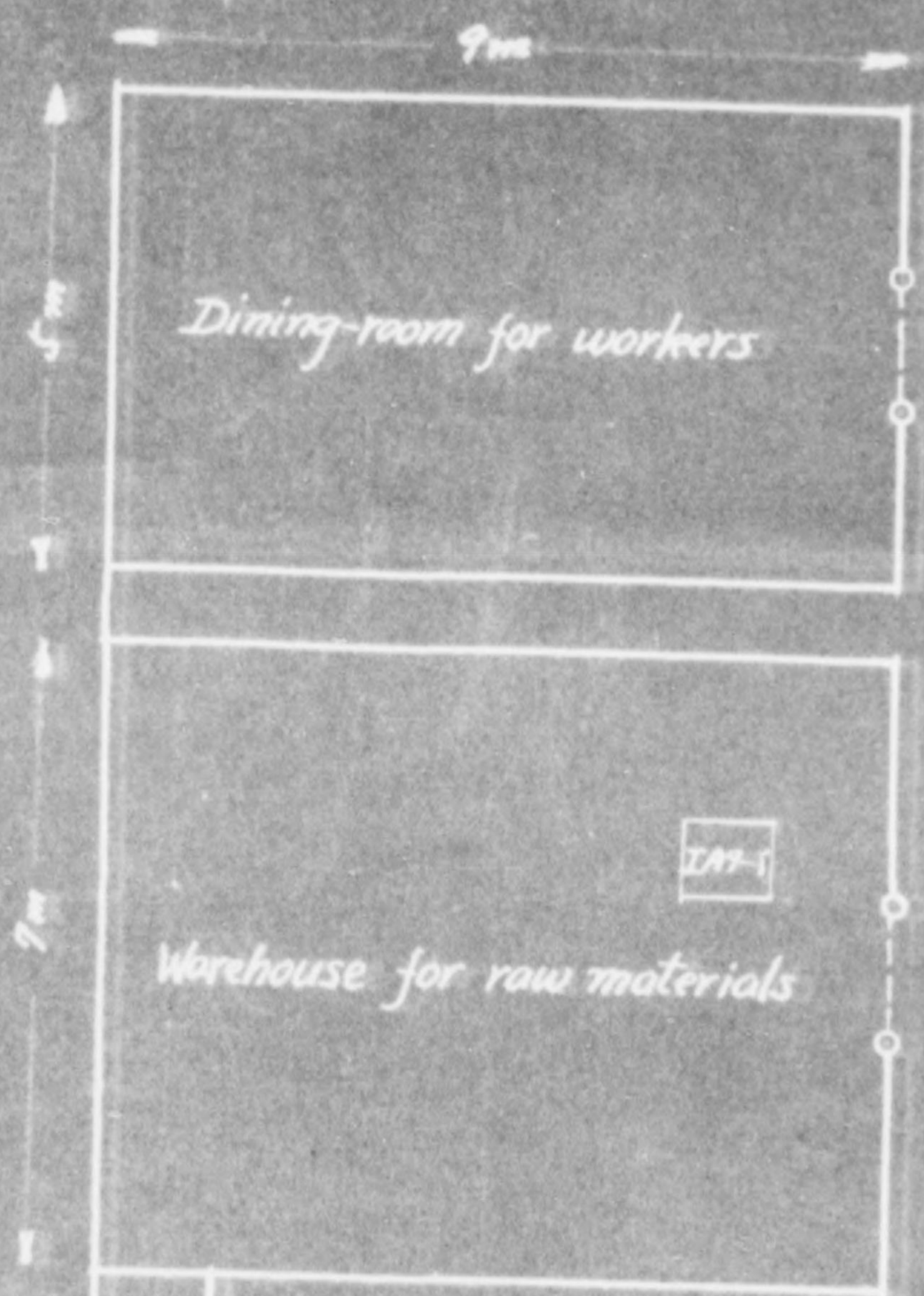
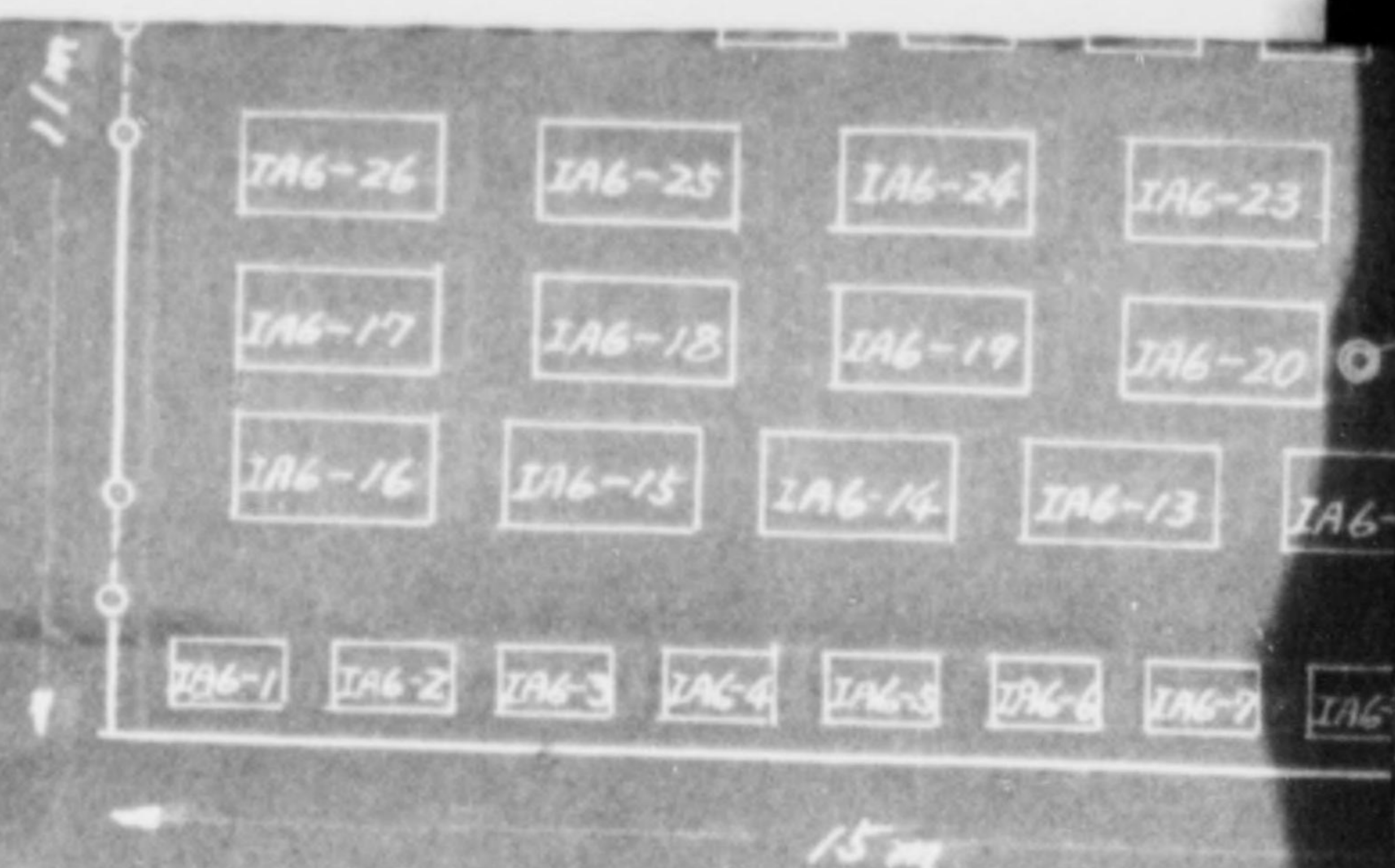
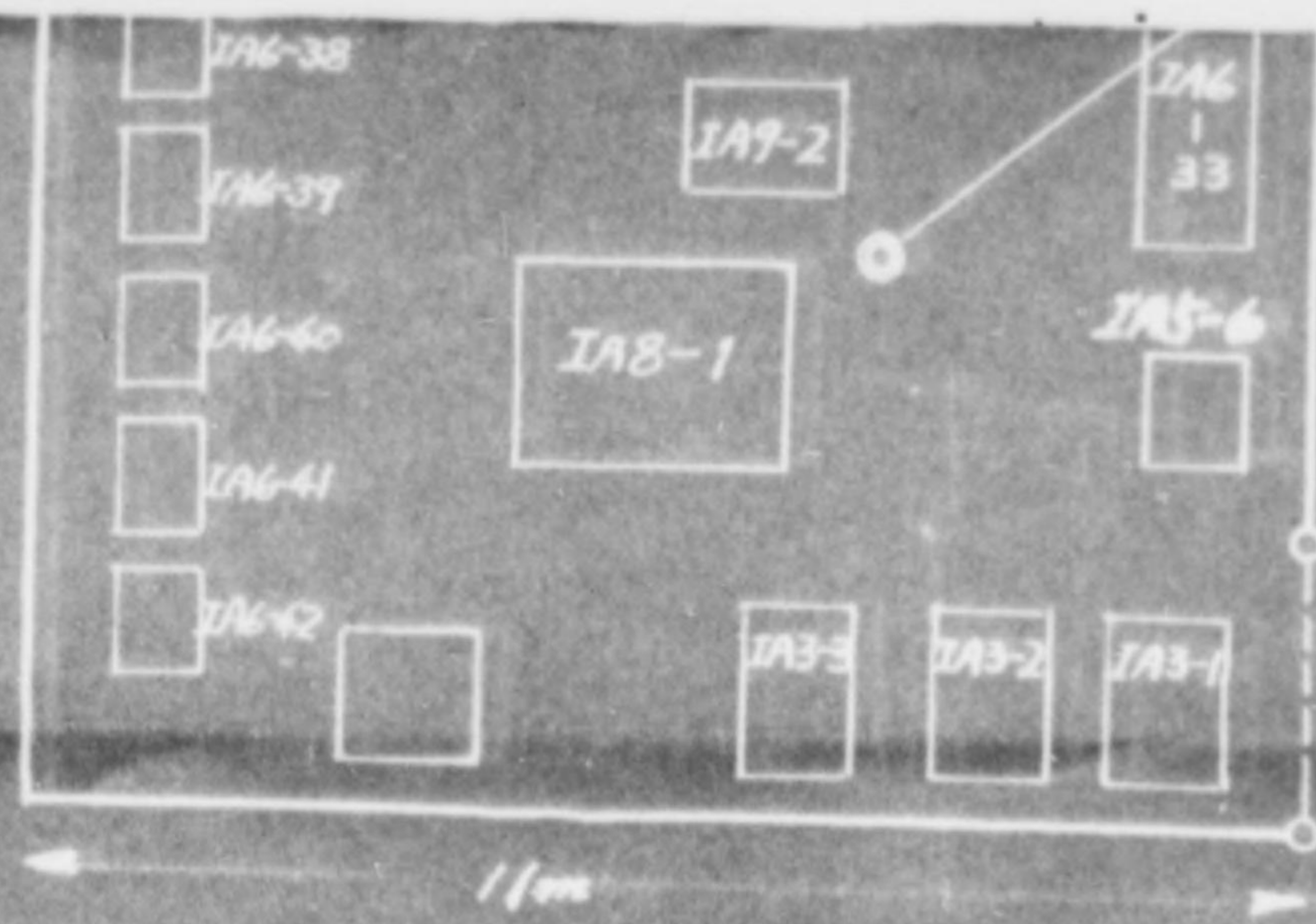
Lay-out of Machinery

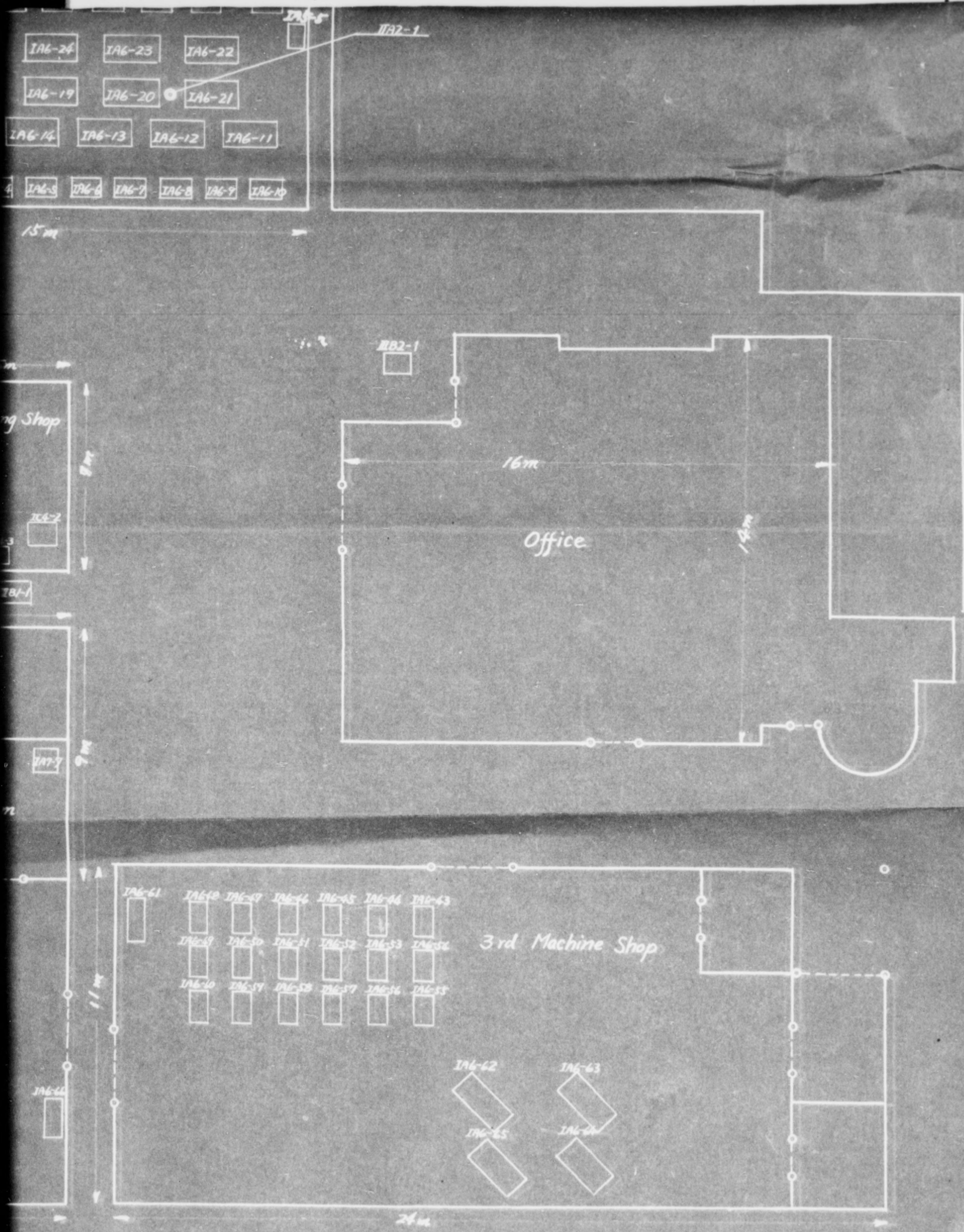
Fukuhara

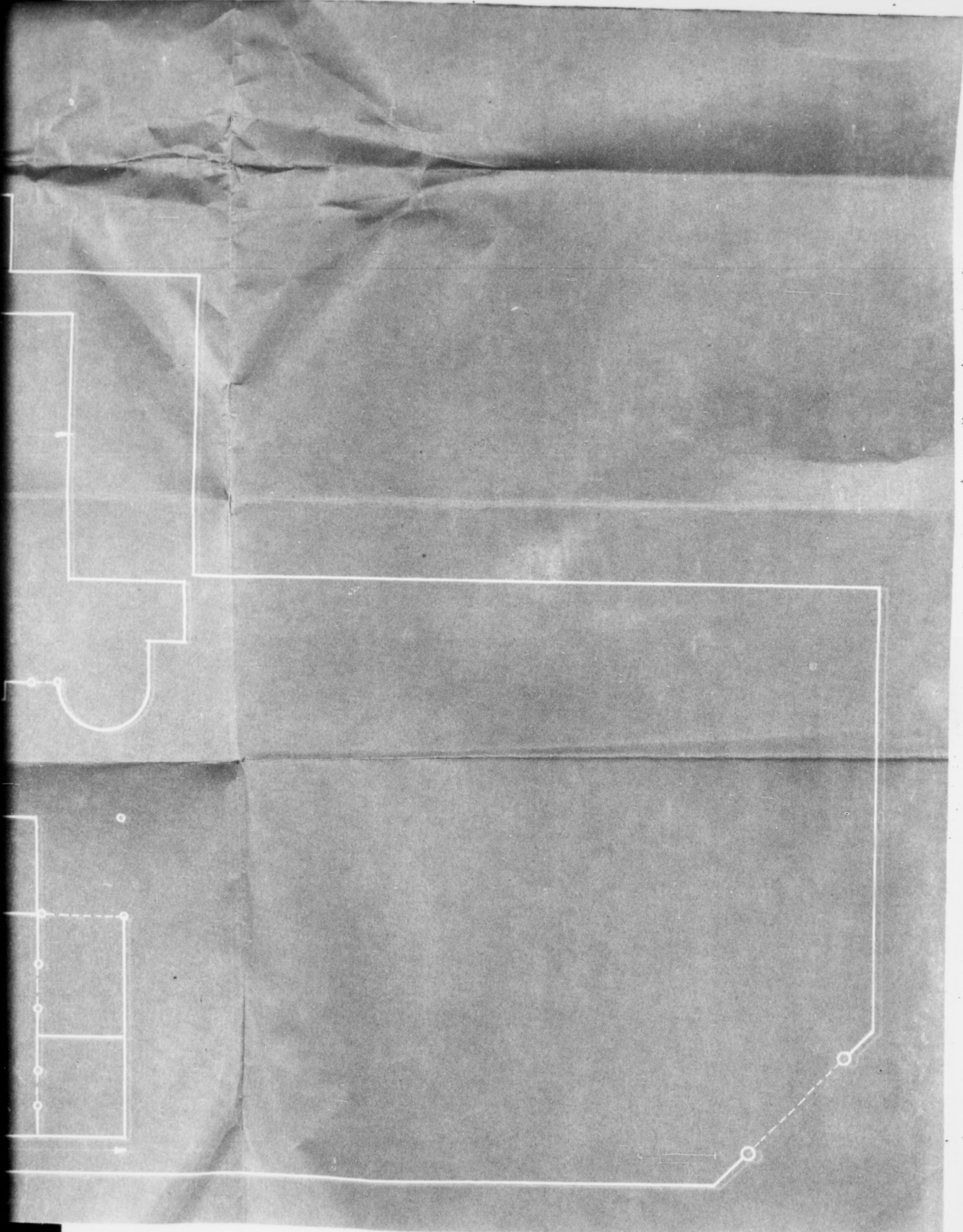


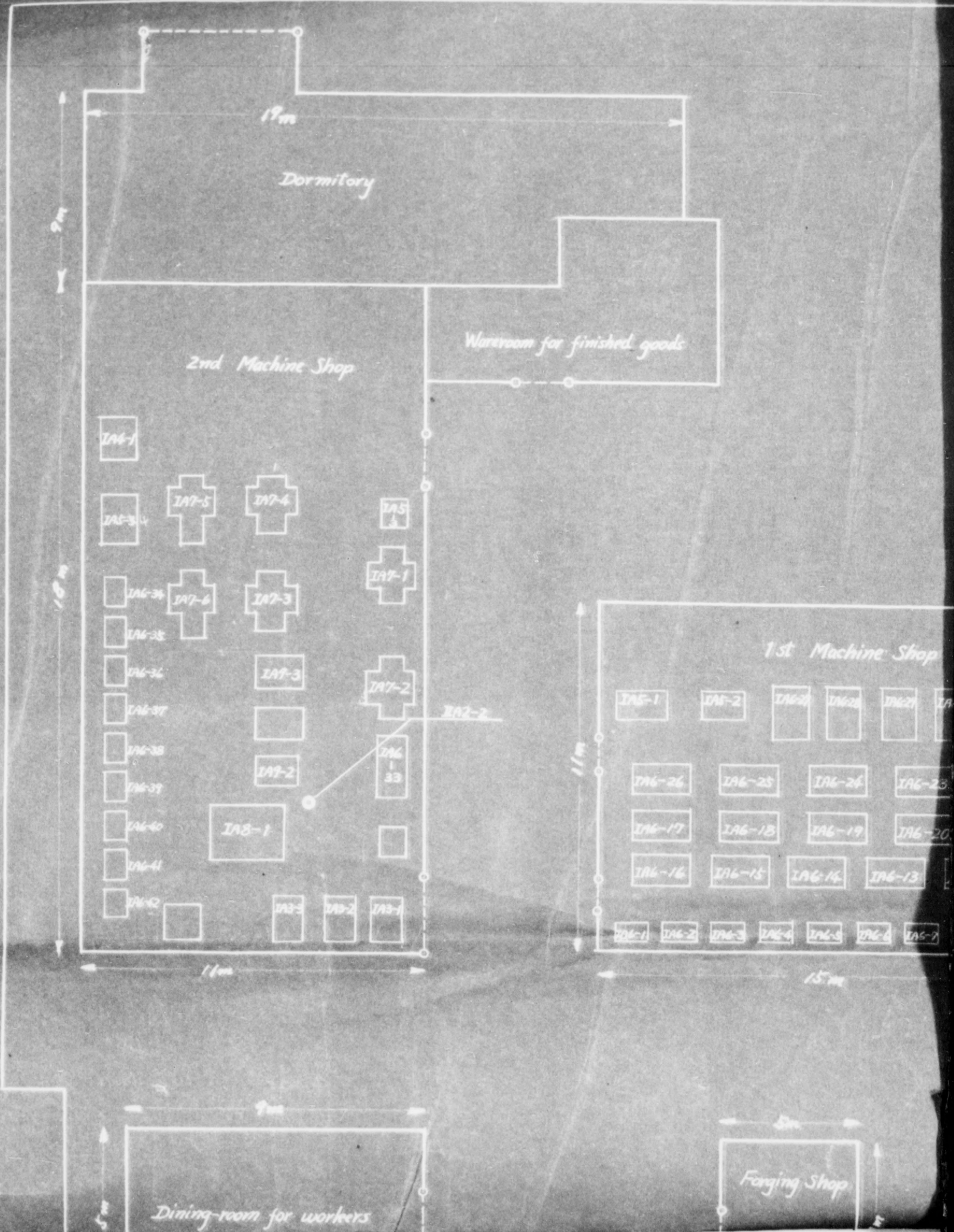
out of Machineries and Equipments

Fukuhara Industry & Trade Co., Ltd., Ashiya Plant.



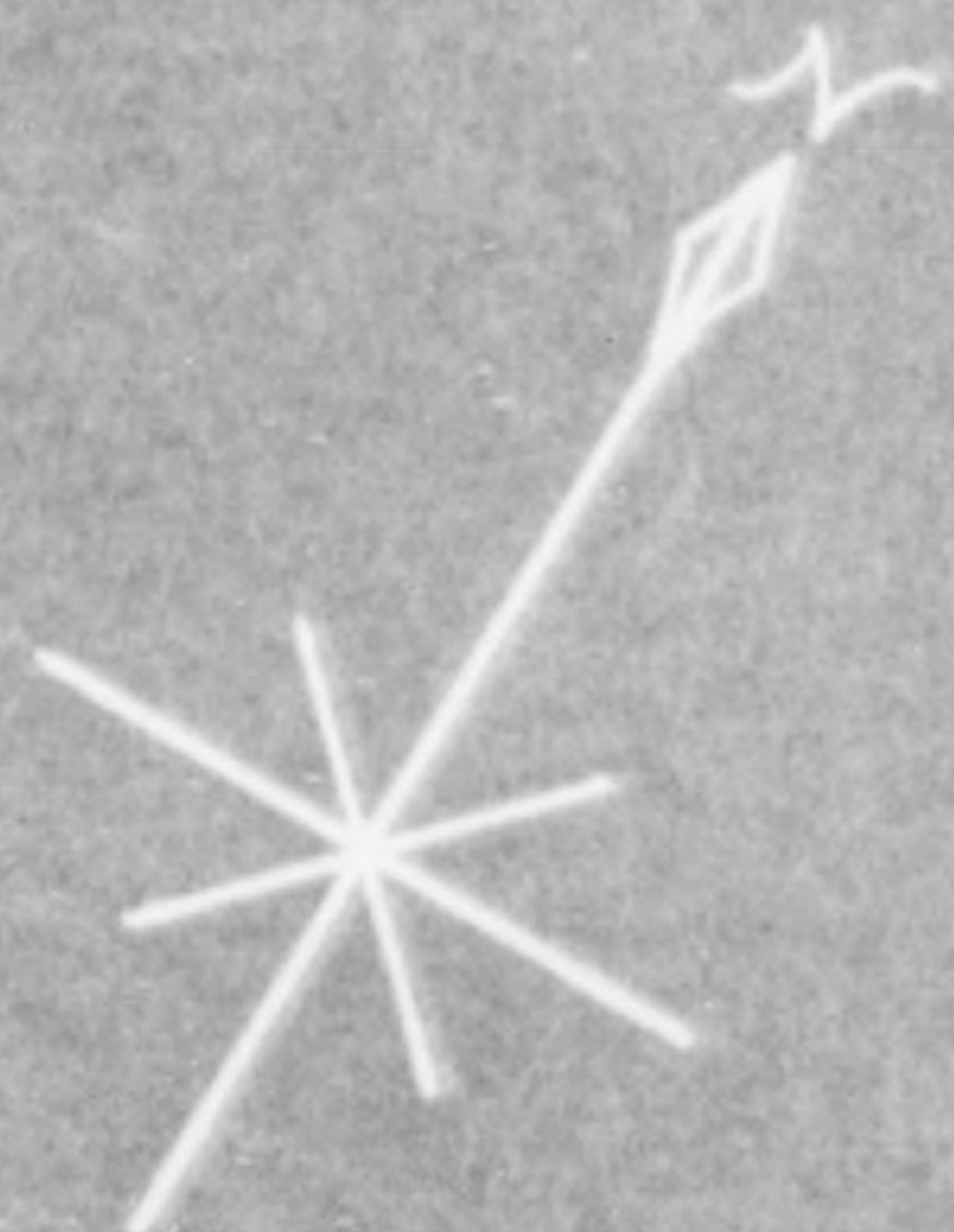




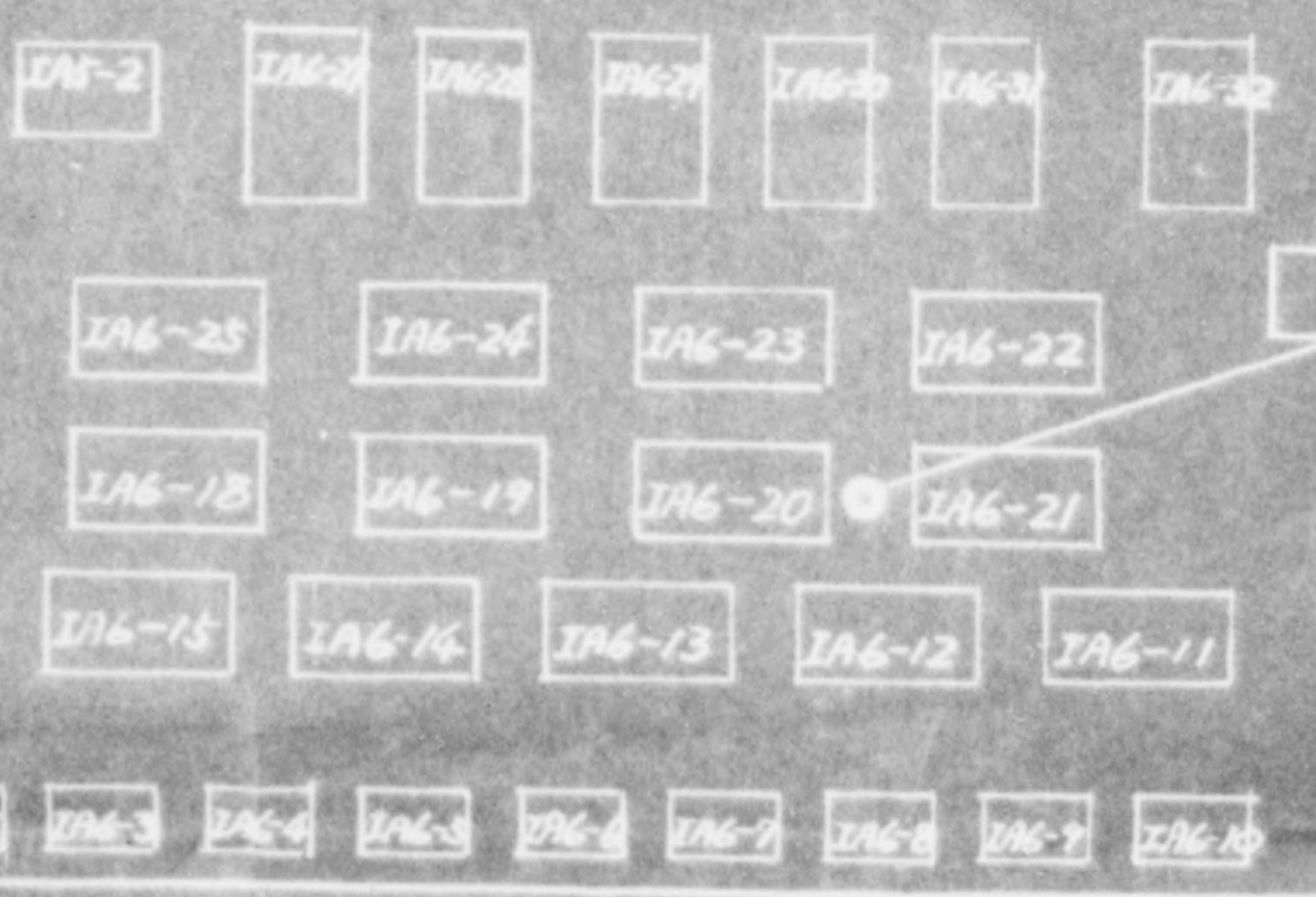


Lay-out of Machine

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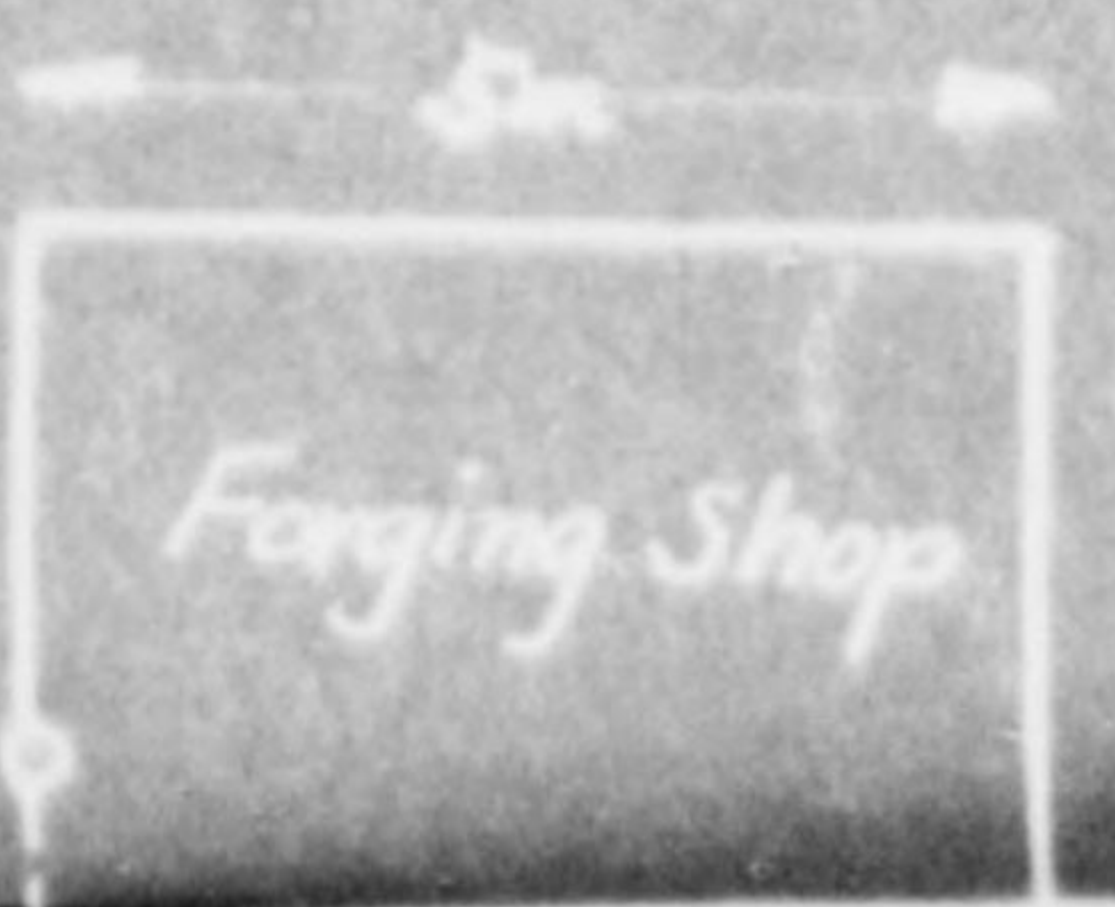


1st Machine Shop



IAG-21

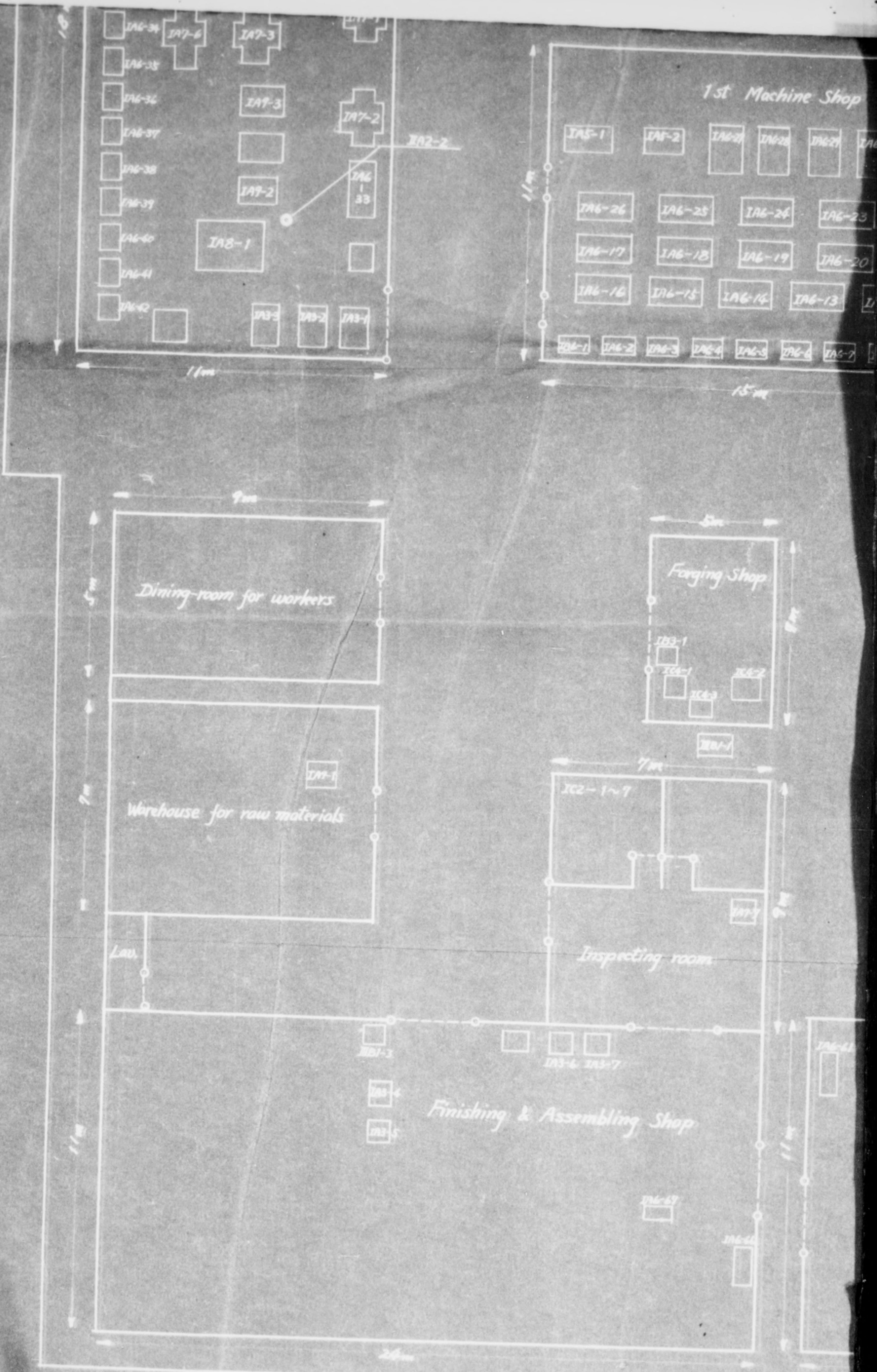
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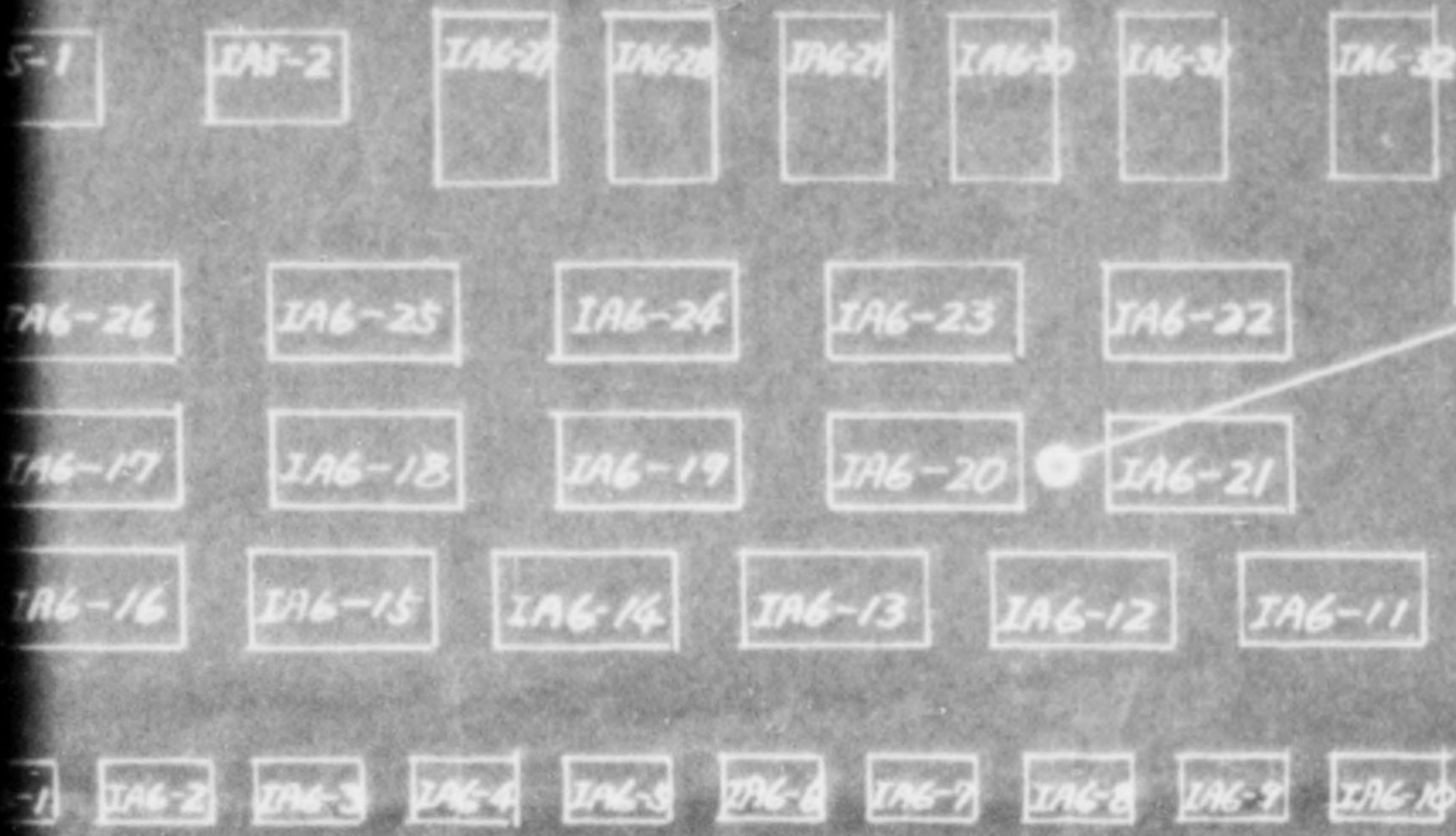
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out of Machineries and Equipments

Fukuhara Industry & Trade Co., Ltd., Ashiya Plant.



1st Machine Shop

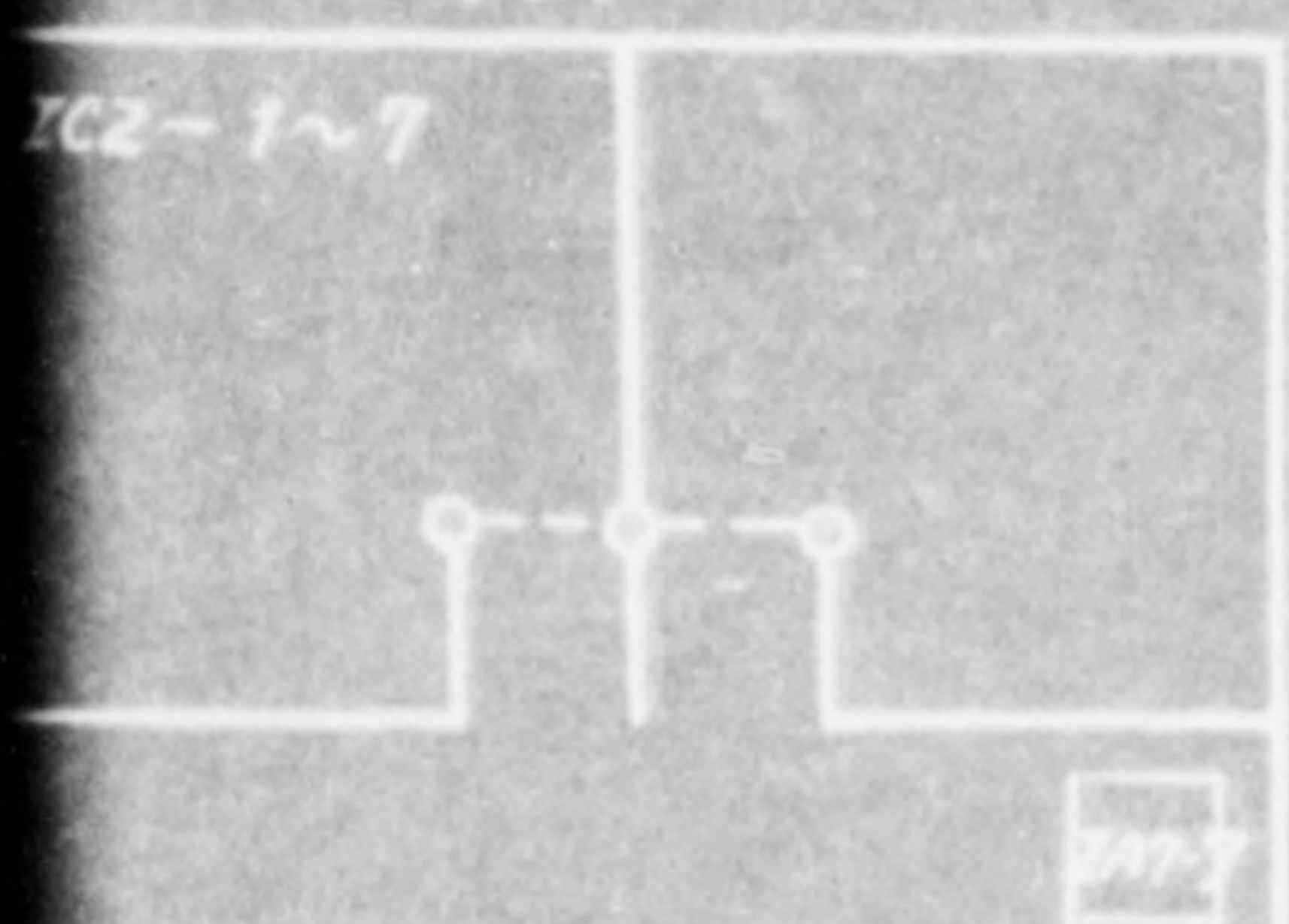


15m

IA2-1



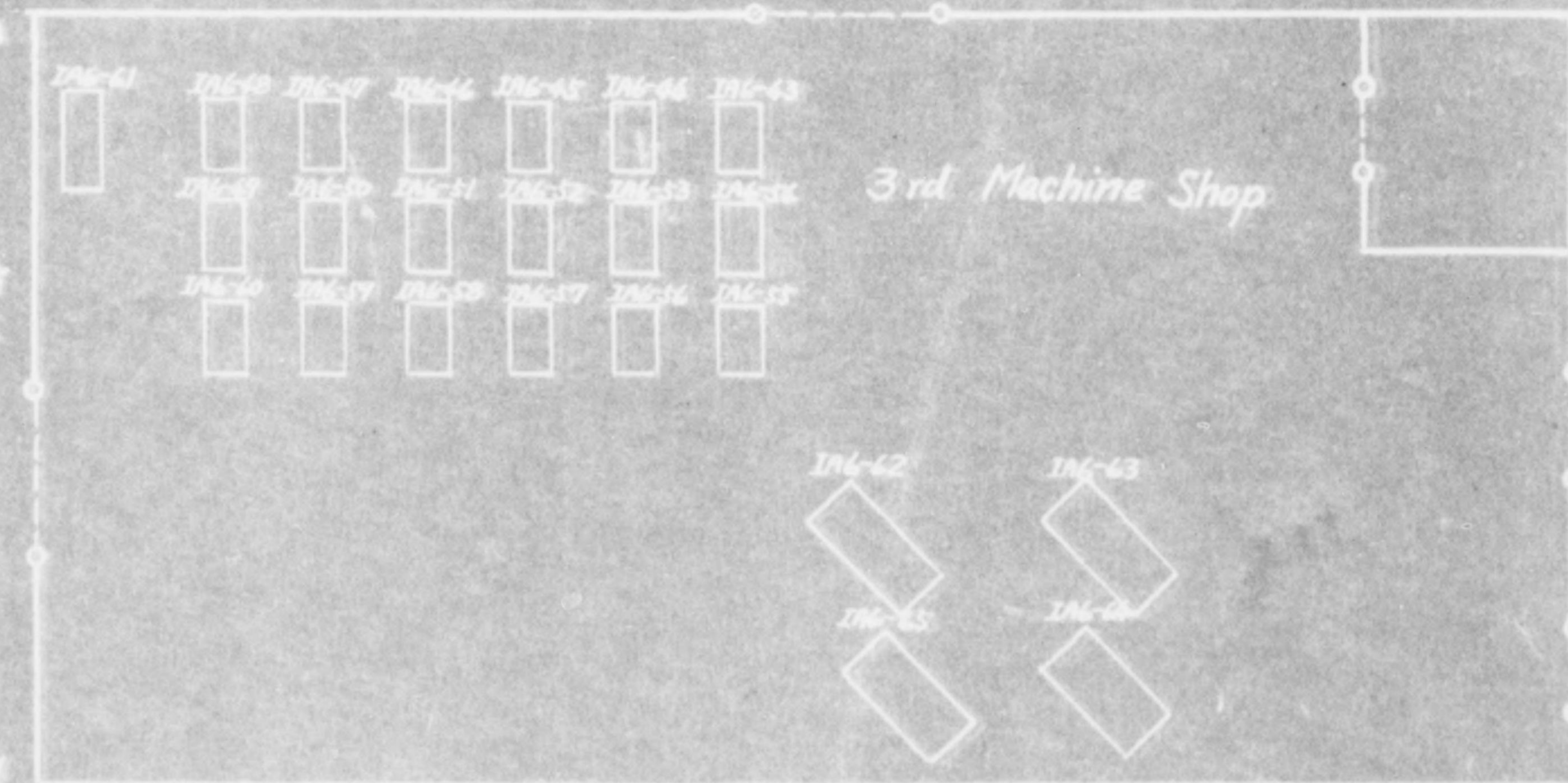
Forging Shop



Inspecting room



Assembling Shop



3rd Machine Shop

