

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

Description of contents

- (1) Box no. 2903
- (2) Folder title/number: (14)
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- (3) Date: **Sept. 1946 - Jan. 1948**

(4) Subject:

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(5) Item description and comment:

Hyogo

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775013

F I L E

HYOGO MILITARY GOVERNMENT TEAM
APO 317

NAT/ryf/d1

400.170

6 January 1948

SUBJECT: Reparations Release
TO : Riken Kogyo K.K., Amagasaki Plant
THRU : Hyogo Liaison Office

By authority of letter, Headquarters Eighth Army, AG 004.04 (MG-EM) subject: "Plant Not Meeting Criteria for Reparations Removal," dated 22 December 1947, your plant is hereby released from reparations custody and control.

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON
Major, Cavalry
Executive Officer

400.170 - #63

F I L E

HYOGO MILITARY GOVERNMENT TEAM
APO 317

NAT/ryf/di

400.170

6 January 1948

SUBJECT: Reparations Release

TO : Mr. Sachio Kishida
Governor of Hyogo Ken

THRU : Hyogo Liaison Office

By authority of letter, Headquarters Eighth Army, AG 004.04 (MG-EM) subject: "Plant Not Meeting Criteria for Reparations Removal," dated 22 December 1947, this is to hereby inform your office that the Riken Kogyo K.K., Amagasaki Plant (13-63) is released from reparations custody and control.

FOR THE COMMANDING OFFICER:

LOUIS C. HUTTON
Major, Cavalry
Executive Officer

HEADQUARTERS EIGHTH ARMY
UNITED STATES ARMY
OFFICE OF THE COMMANDING GENERAL
APO 343

A.G.004.04(MG-EM)

22 December 1947

SUBJECT: Plant Not Meeting Criteria for Reparations Removal

TO: Commanding General, I Corps, APO 301
Attention: Military Government Section

The Riken Kogyo Amogasaki Plant (13-63), Hyogo Prefecture, does not meet the criteria for selection of plants for reparations removals. It is desired, therefore, that the local Japanese government agency in Hyogo Prefecture and the owner of the plant be notified of its release from custody and control.

BY COMMAND OF LIEUTENANT GENERAL RICHELBERGER:

R. SCHAFER
Lt Col, AGD
Asst. Adjutant General

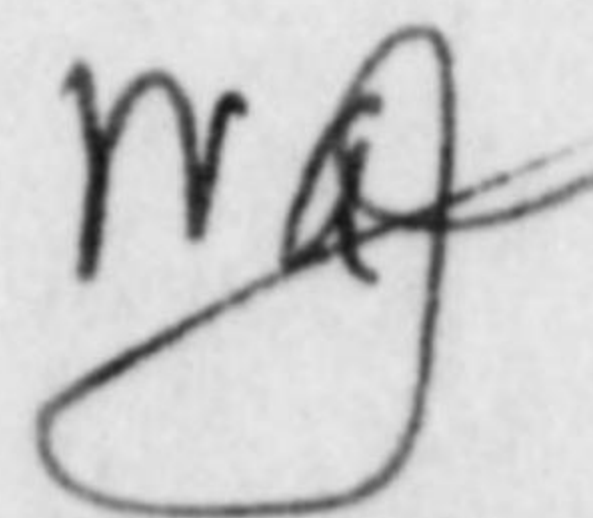
AG 004 - BA

1st Ind

ABH/mo

Hq I Corps, APO 301,

TO: CO, Hyogo Mil Govt Team, APO 317



F I L E

HYOGO MILITARY GOVERNMENT TEAM
COMMERCE & INDUSTRY SECTION
APO 317 (KOBE, HONSHU)

THD/d1

29 August 1946

SUBJECT: Advice of Designation of your Factory for
Custody and Control for Possible Reparatons
Use.

TO : Riken Kogyo Kabushiki Kaisha
Amagasaki Plant
Amagasaki Shi
Hyogo Ken.

1. You are hereby advised that according to Memorandum to the Imperial Japanese Government from SCAP No. AG 387.6 (13 Aug 46) ESS/IN (SCAPIN 1134) equipment and machinery installed in your factory has been designated for custody and control for possible reparations.

2. You are permitted to operate all equipment and machinery temporarily, but you are advised that thirty (30) days after receipt of this letter the said equipment and machinery may be removed without advance notice. You are required to take necessary measures to insure that the equipment and machinery is properly protected and maintained. You are also required to post signs indicating that your factory is Off Limits to all unauthorized Japanese and Allied Military Personnel and you will establish a twenty-four (24) hour guard system.

3. For any further information that you may require in connection with this advice you will call or communicate with the Commerce and Industry Section of the Hyogo Military Government Team, Prefectural Building, Kobe.

PETER W. SCOTT
Lt Col Inf
Commanding

Plant was originally established in 1937 to manufacture steel sashes and steel doors and generators. In 1943 this plant in addition, manufactured torpedoes and magazines for machine guns. No conversion of machinery and equipment was necessary for this diversion.

RIKEN INDUSTRIAL K.K., AMAGASAKI 13 - 63

The Amagasaki Plant machinery have been removed to the Osaka Plant where they are currently being utilized for the production of critical hardware. The removal for operations of machinery currently in operation will affect the operation of the Osaka Plant and will seriously affect the production of materials essential for the reconstruction of Japan.

Hyogo Ken

1937

Not applicable

Yes

Not applicable

	Steel doors 9.4%; Steel sashes 51.5%)	100%
	Gas generators 39.1%	
Parts .3%;	Steel doors & sashes 47.9%; Torpedo)	100%
	Magazines for machine guns 51.8%	
	Steel doors & sashes 60.5%; Miscel	100%
	hardware 15.5%; Sheet metal work 24%	
	1943	
	Yes	

E. A. THORSON, JR.
Economic Section

76		138
78		143
78	00	145

Plant was originally established in 1937 to manufacture steel sashes and steel doors and generators. In 1943 this plant, in addition, manufactured torpedo parts and magazines for machine guns. No conversion of machinery and equipment was necessary for this diversion.

The Amagasaki Plant machinery have been removed to the Osaka Plant where twenty (20) machines are currently being utilized for the production of critical hardware. The removal for reparations of machinery currently in operation will affect the operation of the Osaka Plant and will seriously affect the production of materials essential for the reconstruction of Japan.

Not applicable

Yes

Not applicable

Steel doors & sashes 47.9%; Torpedoes (100)
Magazines for machine guns 21.8% (100)
Steel doors & sashes 60.7%; Hardware 15.2%; Sheet metal work 24.1% (100)
1943
Yes

N. A. THOMPSON, CAF 9
Economic Section

138

78

143

78

145 60

66

FILE

HYOGO MILITARY GOVERNMENT TEAM
APO 317

ABH/d1

P-15

3 December 1946

SUBJECT: Riken Industrial Company - Amagasaki Plant

TO : Commanding Officer
Kinki Military Government Region
APO 301

1. Reference is made to the following:
 - a. Letter, this headquarters, same subject, dated 3 October 1946.
 - b. Letter, this headquarters, same subject, dated 9 September 1946.
 - c. Letter, this headquarters, same subject, dated 20 November 1946.
 - d. SCAPIN-1134, dated 13 August 1946.
2. Above references, a, b, and c, have indicated that the Riken Industrial Co., Amagasaki Plant does not meet the criteria established by Operational Directive 5/5, Section III, dated 24 September 1946.
3. Enclosed herewith is an application for deletion of the Amagasaki Plant supported by a letter of recommendation from the Governor of Hyogo Prefecture.
4. It is recommended that since the Riken Company does not meet the criteria and is producing critical hardware items the seventy-nine (79) machines involved be exempted.

PETER W. SCOTT
Lt Col Inf
Commanding

- 2 Incls:
1. Application of Riken Ind. Co. (5 copies)
 2. Letter of Reccm. Gov. of Hyogo Pref. (5 copies)

November 29, 1946

file

To: Lt. Col. Peter W. Scott,
Commanding,
Hyogo Military Government Team.

Subject: Exemption of part of machinery belonging to Amagasaki
Factory, Riken Industrial Co., Ltd. from the object of
reparations.

1. The Amagasaki Factory of the Riken Industrial Co., Ltd. has been designated as reparation selections within the privately owned munitions plants according to SCAP Memorandum AG387.6 (13 Aug. '46) ESS/IN SCAPIN 1134 to the Japanese government.
2. The greater part of the machinery at this factory were transferred to the Osaka Factory of this Company, located at 359 Sudoshi, Shonai-cho, Toyono-gun, Osaka prefecture, on March 15, 1946, with the approval of the Hyogo Military Government Team, inasmuch as this factory suffered from flood damage in 1944 and again in 1945.
3. For the following reasons, we hereby request your kind help in having the 38 machines, as listed in the petition, presented by the factory, exempted from the object of reparations.

(1) This factory was founded in Amagasaki as a branch of the Oji Factory of the Riken Steel Materials Co., Ltd. in 1937, in order to meet the demand in the Kansai district for steel sash and steel doors, etc.

(2) In addition to the production of steel sash and steel doors, this factory was engaged, after 1943 in the production of torpedo parts and magazines of machine guns as well by order of the Japanese Military authorities. But its equipments and machinery were never remodelled or increased in number.

(3) Since after the war, this factory has been converted so as to produce civil necessities, and has done much towards the reconstruction of bombed-out houses and the stability of the livelihood of citizens.

Sachio Kishida
Sachio Kishida,
Governor,
Hyogo Prefecture.

Addressed to:- The Hyogo Military Government, Kobe.
 Subject:- Petition for Exemption of Amagasaki Factory
 Equipment for Reparation Use.
 Applicant:- Riken Industrial Corporation Amagasaki Plant.
 Address :- No.270, Ni-hi Mukojima-cho, Amagasaki City,
 Hyogo Prefecture.

We submit herewith all pertinent data having reference to the subject, on the basis of which we beg to request your favourable consideration.

(1) ----- Plant Affiliation

Name:- Riken Industrial Corporation, Amagasaki Plant.
 (branch of Riken Industrial Corporation, with headquarters
 in Tokyo)
 Established:- 1937
 Main Lines :- (According to company's articles of association)
 Production of steel safes, steel doors, charcoal
 gas generators, steel furniture etc.

(2) ----- Activities during war Period (1937 - 1945)

Unlike the majority of other civilian factories which were compelled for obvious reasons to suspend normal operations, the subject plant found itself in a position to devote its main efforts to its original lines. (For statistics of pre-war production kindly refer to attached sheet No.1) as there was an ever-increasing demand for steel safes and doors that were urgently required for the erection of fire-proof buildings. Charcoal gas generators likewise continued to enjoy a heavy demand due to the growing shortage of gasoline for motor cars. In consequence, there was practically no need to expand or alter its equipment on any large scale to serve strictly military needs (Reference-attached sheet-No.2).

During the above period the plant suffered periodically from salt water inundation, as the factory site stands on reclaimed land. Tidal waves inflicted heavy damage to the machinery and equipment, resulting in suspension of operation for considerable periods to enable overhaul and repairs. For this reason, it was decided, upon termination of hostilities, to transfer the equipment to the Osaka Plant (Reference-attached Copy of permit-No.3) where it is at present actively engaged in the production of civilian goods (Reference-attached sheet-No.5).

(3) ----- Activities during Post-Bellum Period

Finding no need to resort to any drastic make-up in equipment and personnel in order to revert to civilian production, the plant was in a position to accept urgent orders for steel safes and steel doors for the Japan Red Cross building which had been requisitioned by the Occupation Forces. The same was true in the case of refrigerator parts which are being delivered for the ultimate use of the Occupation Forces. At the same time production of numerous sorely-needed civilian goods, such as farming implements, kitchen utensils etc, has not been overlooked, as the attached sheet will show. (Reference-Copy No.4)

(4) ----- Future Production Plans

In accordance with carefully laid-out plans, the management expects to bolster production of its main and subsidiary lines to hitherto unattained levels (Reference-attached Copy No.6). If permission be granted to retain the machinery and equipment at present in use, it will be able not only to continue serving the needs of the Occupation Forces, but also to divide its efforts to increase the output of civilian goods.

(5) ----- Machinery and Equipment

Those designated for reparations number 79 in all, (Reference-attached sheet No.7) of which 38 units have been installed with the necessary permit and are being fully utilized for present needs. Although the present installations are admittedly somewhat inadequate to serve future swelling needs, the management is prepared to make shift with the minimum and lay stress on increased efficiency.

(6) ----- Summary

(a) With the machinery and equipment now removed to Osaka, the flood drawback which had hitherto reflected unfavourably on production, has been removed, and all-out efforts can be devoted to an increased output of civilian goods.

(b) The production of steel washers and steel doors etc. will mean an increase in the supply of building hardware, now sorely needed to alleviate the housing situation.

(c) The production of lockers, refrigerator parts will serve the needs of the Occupation Forces.

(d) The production of farming implements will help bolster food production.

(e) The production of droppers and strips and other spinning machine accessories will contribute to an increased output of export goods.

(f) The production of bicycle parts, hob-nails etc. will serve general civilian needs.

On the basis of the foregoing, the management begs hereby to request your favourable consideration.

Nov. 1, 1946.

K. Hirai

K. Hirai

Director
Riken Industrial Corp.
(Concurrently administrator for
Riken Industrial Corp. Amagasaki
Plant)

Attached Copies

- Copy No.1 ----- Particulars of production during pre-war period.
- " No.2 ----- Particulars of production during war period.
- " No.3 ----- Removal permit issued by the 31st. military
Govt. Team.
- " No.4 ----- Monthly production report (during September 1945).
- " No.5 ----- Operation permit issued by the Osaka Military
Govt. Team.
- " No.6 ----- Future production Plans.
- " No.7 ----- Particulars of machinery and Equipment.

Copy No.1

Particulars of production pre-war period.
(1938 - 1941)

	Quantity	Amount	Percent	
			Total production	Civilian Military
1938.	Steel sashes units 20,000	¥ 637,741	100 %	Civilian 100 % Military 0 % Total 100 %
1939.	Steel sashes units 40,000	¥ 927,826	100 %	Civilian 100 % Military 0 % Total 100 %
1940.	Steel sashes units 33,000 69,500	¥ 933,920	100 %	Civilian 100 % Military 0 % Total 100 %
1941.	Steel sashes units 25,000 127,500	¥ 744,851 324,400 127,500 1,200 5,373,000	100 %	Civilian 100 % Military 0 % Total 100 %

Copy No. 2. Particulars of Production during war period.
(1942 - 1945)

	Quantity	Amount	Percent Total production	Percent	
				Civilian	Military
1942. Steel doors. (for interior of steamship)	6,300 units	\$ 79,663	9.4%		
				Civilian 100%	Military 0%
				<u>Total: 100%</u>	
Steel sashes.	2,500 sets	\$436,774	51.5%		
Gas generators.	20,000 units	\$330,257	39.1%		
Total:		\$846,694.	100%		
1943. Steel doors. (for interior of steamship)	5,530 units	\$ 495,380	43.8%		
				Civilian 84.1%	Military 15.9%
				<u>Total: 100%</u>	
Torpedo parts.	42,437 units	\$ 180,595	15.9%		
Steel sashes.	2,998 sets	\$ 375,069	33.1%		
Gas generators.	4,549 units	\$ 72,344	6.4%		
Miscellaneous.	299 units	\$ 9,258	0.8%		
Total:		\$1,132,646	100%		
1944. Steel doors. (for interior of steamship)	9,706 units	\$ 883,344	47.1%		
				Civilian 47.9%	Military 52.1%
				<u>Total: 100%</u>	
Torpedo parts	6,427 units	\$ 5,787	0.3%		
Steel sashes.	580 sets	\$ 14,054	0.8%		
Magazine of machine gun.	19,439 pcs.	\$ 970,925	51.8%		
Total:		\$1,874,110	100%		
1945. Steel doors. (for interior of steamship)	448 units	\$ 163,248	11.4%		
				Civilian 18.2%	Military 81.8%
				<u>Total: 100%</u>	
Torpedo parts.	2,987 units	\$ 20,563	1.4%		
Magazine of machine gun.	30,787 pcs.	\$1,153,138	80.4%		
Steel sashes.	120 sets	\$ 10,671	0.8%		
Frying pans.	9,404 units	\$ 65,084	4.4%		
Flat hoes.	9,233 units	\$ 23,083	1.6%		
Total:		\$1,433,787	100%		
Grand Total:		\$ 5,287,237		Average percent During wartime	
				Civilian 55.9%	Military 44.1%
				<u>Total: 100%</u>	

- (2) -

Copy No.2.

Remarks : Brief explanation of some war-time products.

- (1). Torpedo parts: A sort of steel ring, 2 m.m. thick, 15 m.m. wide, used as a part of torpedo.
- (2). Magazine of machine gun: A small case made of steel sheet, to hold thirty (30) pcs. of bullets of 13 m.m. dia.

(copy) No. 3.

31ST MILITARY GOVERNMENT
HEADQUARTERS & HEADQUARTERS COMPANY
APO 660 (Kobe, Honshu)

15th March 1946

SUBJECT: Application for Removal of Machinery & Factory

TO : Riken Industrial Corporation, Amagasaki City

1) Your application to remove your factory to Osaka Prefecture is approved.

2) Only machineries as per attached list will be moved. A Weekly report will be submitted to this office stating the progress of removal of machineries.

3) Present reconversion permit will not be valid in Osaka prefecture. It will be necessary for you to file a new application to operate, upon completion of removal of machinery.

2 Incls

1. Application for permission to move
2. List of machinery.

PETER W. SCOTT
LT COL. Infantry
Commanding

(copy) No. 4

Monthly Production Report
(During September 1946)

<u>Article</u>	<u>Price</u> (per piece)	<u>Piece</u>	<u>Price</u>
a) Bicycle Parts.	¥ 2.80	6,400	¥17,920
b) Sickle.	¥ 0.80	3,100	¥ 2,480
c) Angle Doors and Sashes.	¥4,468	7	¥31,275
d) Steel Screen. (Japan Red Cross)	¥14,880	1	¥14,880
e) Steel Doors. (Japan Red Cross)	¥ 5,156	3	¥15,467
f) Steel Sashes. (Japan Red Cross)	¥ 3,565	2	¥ 7,130
g) Bracket. (Sumitomo Building)	¥ 442		¥ 442
h) Sashes.			¥ 5,712
i) Cabinet of Refrigerator.	¥ 30	100	¥ 3,000
Press Dept	Total:		¥98,306

38,600
126,906

Remarks.

- A. Supply of coal insufficient.
- B. Production progressing smoothly and has attained authorized limit.
- C. Willingness to work on part of factory workers seen on upward grade.
- D. Goods produced for the most part with materials supplied by customers.

775013

(Copy) No. 5

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 660File 109 - 24714 September 46
(Date)

(107 ok - 29 Mar 46 VOID)

SUBJECT: PERMIT FOR OPERATION

TO: Riken Industrial Corporation - Osaka Plant
(Name & Address of Firm)359 Shonai-machi, Toyono-gun, Osaka

1. a. In accordance with paragraph 3, b, Directive number three(3) from the Supreme Commander to the Imperial Japanese Government, dated 22 Sept 45, the Riken Industrial Corporation
(Name of Firm)

is permitted to immediately start production of a) Polished Steel
(Name of Items)
Band b) Steel Sash c) Steel Furniture d) Kitchen Utensil

b. Maximum production currently authorized is a) 100 ton/month b) 50 ton/month c) 50 ton/month d) 15 ton/month

2. The acquisition of material, parts and sub-assemblies, as well as the disposition of finished products, and the establishment of sale prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of each item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15th) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any ^{and} all directives affecting reconversion, ultimate disposition or otherwise, which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers or by this Headquarters.

BY ORDER OF COLONEL TRUXES:

HERBERT F. HARMON
Major, TC
Resource & Ind. Officer

(Copy) No. 6.

Future production plans.

(Pending reconversion Permission, or under consideration.)

In the case of this factory, reconversion to civilian production has been comparatively easy, as there were practically no alteration or expansion for military needs.

Below are given the production plants covering a one year period.

- 1) First Stage Sept. 1946-March 1947
 Personnel required 60
 Monthly production ₹ 335,750
 Machinery 20 sets

<u>Particulars</u>	<u>Employee</u>	<u>Quantity</u>	<u>Monthly Production</u>
Steel Sashes	28	100 sets	₹ 150,000
Steel Doors			339,700
Lockers (Duralmin, single)			17,100
	18	200 units	₹ 90,000
Refrigerators (interior boxes)			
	8	750 units	₹ 37,500
Farming Implements (scythes, etc.)			
	2	11,250 "	₹ 11,250
Bicycle Parts (Chain, gear, plates, bell)			
	2	9,000 units	₹ 27,000
(Droppers, Strips, etc.)			134,600

For the above, the equipment and personnel required are as follows:-

Shearing Machines	2	7 operatives
Benders	2	5 "
Power Press	7	7 "
Friction Press	2	4 "
Electric Welder	2	2 "
Friction Cutter	1	
Boring Machine	1	
Bench Drill	1	
Spot Welder	1	
Grinder	1	

- 2) Second Stage April 1947 - Sept. 1947
 Personnel required 80
 Machines 15 units increase
 Production 30% increase over 1st stage

The additional equipment will be taken from the machinery stored.

- (1) Lathe (8) 2
- (2) Boring Machine 2
- (3) Bench Drill 3
- (4) Welder 3
- (5) Spot Welder 1
- (6) Power Press 1
- (7) Planer 1
- (8) Roll 1
- (9) Electric Furnace 1

A 30% increase in production as compared with the first stage is expected.

(copy) No. 7

Particulars of Machinery and equipment

13 Sept. 1946.

MACHINE	TYPE & DETAIL	LOCATION	YEARS	REMARKS
Bench Grinder	Double Head 1 HP.	Forging shop of Osaka Plant.	6	being stored.
- do -	- do -	- do -	1	- do -
- do -	- do -	- do -	11	- do -
- do -	- do -	- do -	6	- do -
Milling machine	No. 00, Horizontal Belt driven.	- do -	1	- do -
- do -	No. 00, Vertical Belt driven	- do -	1	- do -
- do -	Double spindle.	- do -	6	- do -
Shaping machine	18", Belt driven	- do -	11	- do -
- do -	16", - do -	- do -	11	- do -
- do -	24", - do -	- do -	6	- do -
- do -	18", - do -	- do -	11	- do -
Engine Lathe	8', English type Belt driven	- do -	11	- do - X
- do -	4.8', American type Belt driven	- do -	1	- do -
- do -	4' English type Belt driven	- do -	1	- do -
- do -	6', - do -	- do -	6	- do -
- do -	8', - do -	- do -	11	- do - X
- do -	6', - do -	- do -	11	- do -
- do -	6', - do -	- do -	6	- do -
- do -	6', - do -	- do -	6	- do -
Boring machine	36", Upright Belt driven	- do -	11	- do - X
- do -	32", - do -	- do -	11	- do - X
- do -	28", - do -	- do -	11	- do -
Bench Drill	1/2 H.P.	Forging shop of Osaka Plant	1	being stored X
- do -	- do -	- do -	1	- do - X
- do -	- do -	- do -	1	- do - X
- do -	- do -	- do -	6	- do -
- do -	- do -	- do -	1	- do -
- do -	- do -	- do -	6	- do -
Band-Saw machine	14", Belt driven	- do -	11	- do -
- do -	- do -	- do -	11	- do -
Welding machine	Arc. 8.5 K.W.	- do -	11	- do - X
- do -	- do -	- do -	11	- do - X
- do -	- do -	- do -	11	- do - X
- do -	- do -	- do -	11	- do -
- do -	- do -	- do -	11	- do -
- do -	- do -	- do -	11	- do -

MACHINE	TYPE & DETAIL	LOCATION	YEARS	REMARKS
- do -	- do -	- do -	11	- do -
- do -	Electric spot.	- do -	11	- do - X
- do -	- do -	- do -	11	- do -
Planer	12', Belt driven.	- do -	11	- do - X
Power press	2 H.P.	- do -	11	- do - X
Electric motor	30 H.P.	- do -	6	- do -
Air compressor	- do -	- do -	11	- do -
- do -	Transportable	- do -	11	- do -
Roller	2', Triple.	- do -	6	- do - X
Air reserve tank	- do -	- do -	6	- do -
Electric furnace	15 K.W.	- do -	1	- do - X
Hoist	- do -	- do -	11	- do -
- do -	- do -	- do -	11	- do -
Shearing machine	10', 5 H.P.	Band-saw shop of 11 Osaka Plant.		Installed X
- do -	6', 2 H.P.	- do -	11	- do - X
Bending press	10', 10 H.P.	- do -	11	- do - X
- do -	3', 5 H.P.	- do -	11	- do - X
Power press	20 ton. 3 H.P.	- do -	11	- do - X
Friction press	50 ton.	- do -	11	- do - X
Power press	20 ton. 2 H.P.	- do -	11	- do - X
- do -	20 ton. 2 H.P.	- do -	11	- do - X
Friction cutter	3 H.P.	- do -	11	- do - X
Friction press	120 ton.	- do -	11	- do - X
Power press	15 ton.	- do -	11	- do - X
- do -	10 ton.	- do -	11	- do - X
- do -	10 ton.	- do -	11	- do - X
- do -	80 ton.	- do -	11	- do - X
Bench Drills.	1/2 H.P.	- do -	11	- do - X
Boring machine	22".	- do -	11	- do - X
Bench Grinder	- do -	- do -	11	- do - X
Welding machine	Electric spot	- do -	11	- do - X
- do -	A.C. Arc. 8.5 K.W.	- do -	11	- do - X
- do -	- do -	- do -	11	- do - X
Shaping machine	24", Belt driven	Machine-shop of Amagasaki Plant	6	being stored
Planer	8', Belt driven.	- do -	11	- do -
Drying chamber	- do -	- do -	11	- do -
- do -	- do -	- do -	11	- do -
- do -	- do -	- do -	11	- do -
Engine Lathe	8', Belt driven.	- do -	6	- do -
Milling machine	Double spindles	- do -	6	- do -
Boring machine	20".	Kazo plant.	11	- do - X
Bench drill	1/2 H.P.	- do -	6	- do - X
Boring machine	20", Belt driven.	Oita Plant.	6	being stored X
Total:		79 sets		

- Remarks: 1). Osaka plant-No. 359, Sudoshi, Shonai-cho,
Toyono-gun, Osaka-fu.
- 2). Amagasaki plant-No. 270, Ni-Nimukojima-cho,
Amagasaki-shi.
- 3). Kazo plant-No. 538, Kazo-cho, Kita-aitama-gun.
Saitama-Ken.
- 4). Oita plant-No. 2939, Kanaike-cho, Oita-shi.
- 5). X The 38 units installed is considered to be
the minimum required to maintain the present
level of production.

775013

Location of Riken Inc

No. 359.

to Takarazuka

Mikuni Station

Sim Mikuni Bridge

Riken Industrial Corp.
Osaka Plant

Kanzaki River

to Kobe

Kanzaki Station
^{gawa}

Dyke

47

en Industrial Corp, Osaka Plant.

No. 359, Sudoshi, Shonai-cho, Toyono-gun, Osaka-fu.

mi Station

Hankyu Suburban,
Takearazuka Line

National Highway
(Osaka - Ikuta)

Yodo River

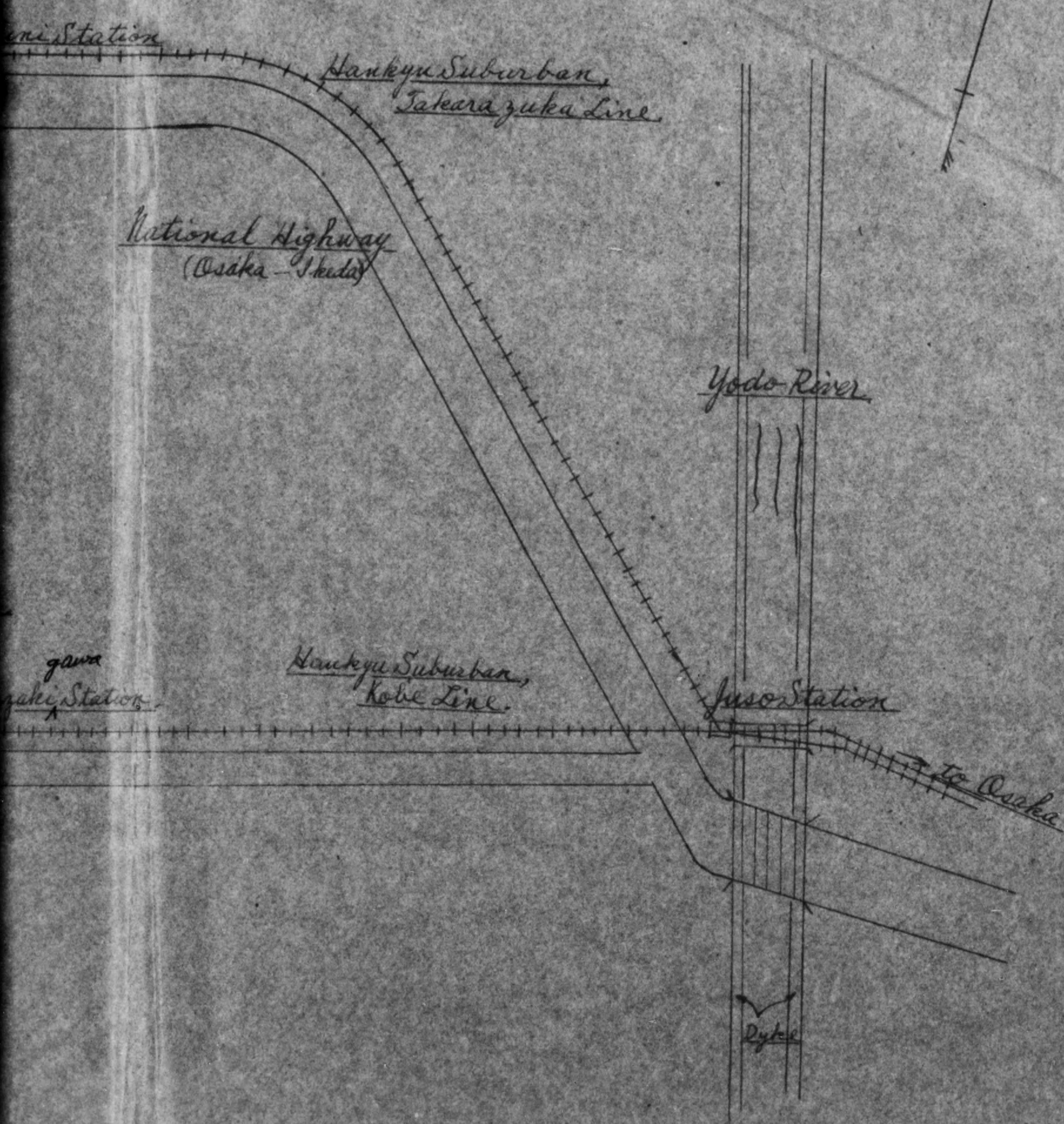
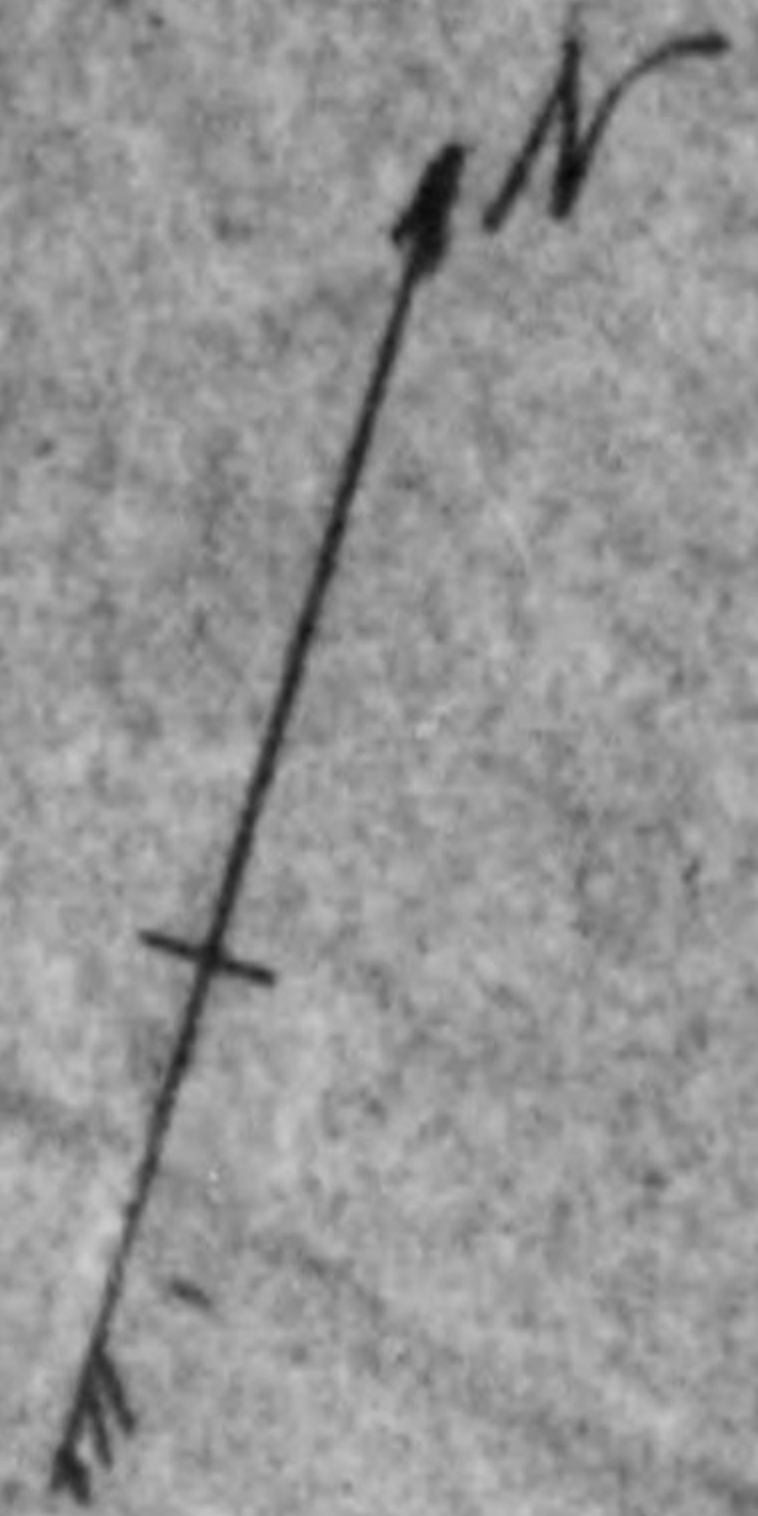
gawa
zaki Station

Hankyu Suburban,
Kobe Line

Juso Station

To Osaka

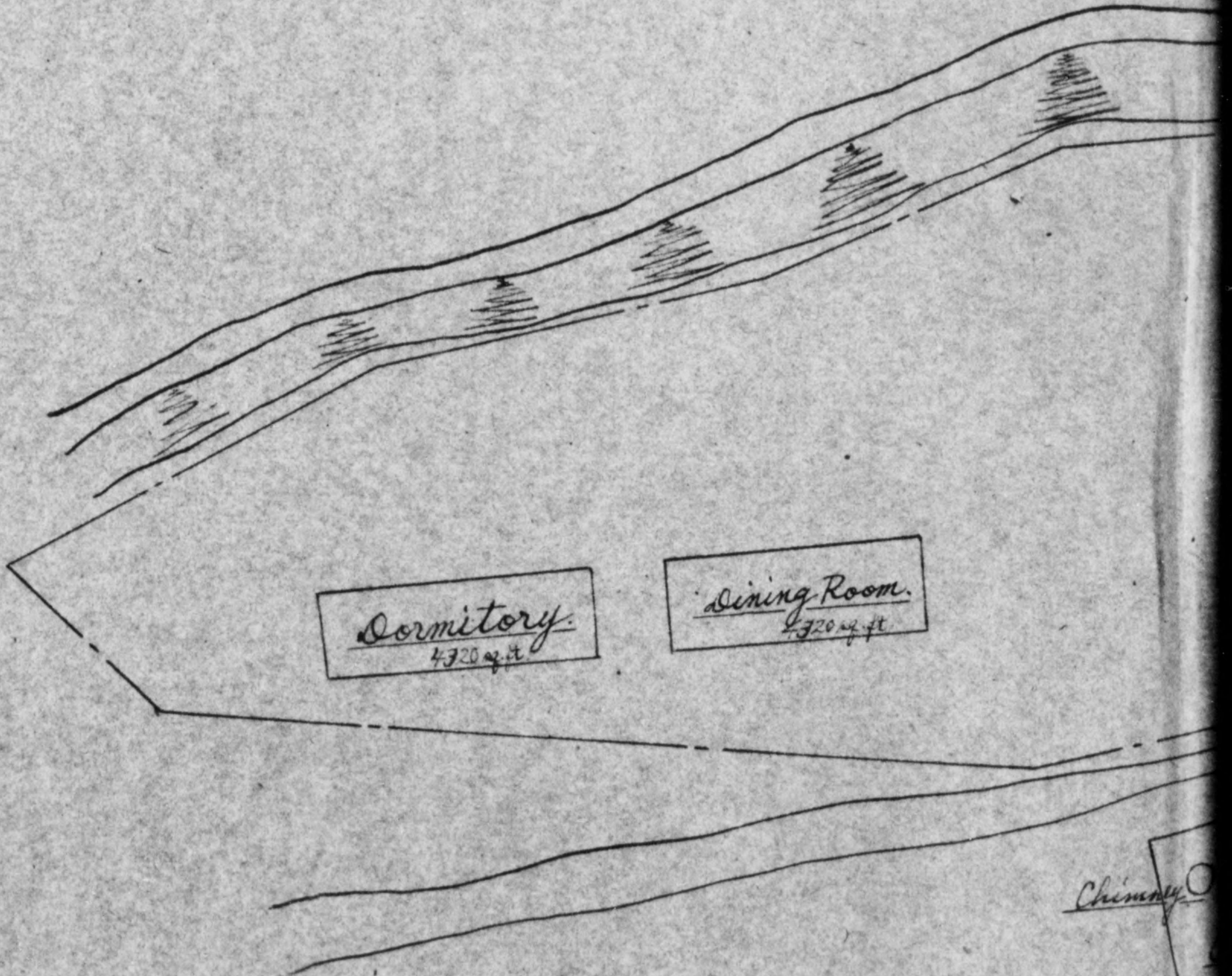
Dyke



775013

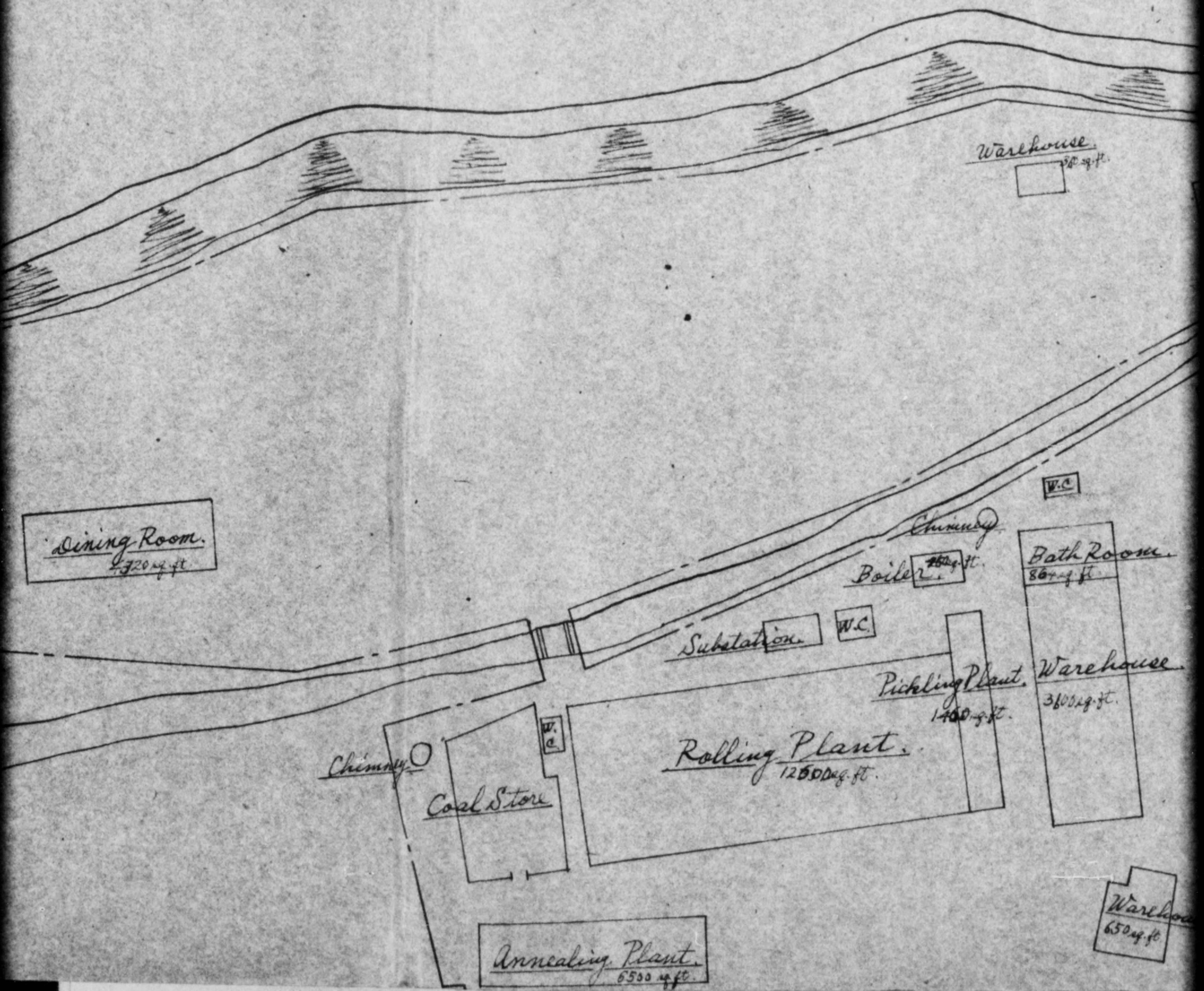
General

No. 359

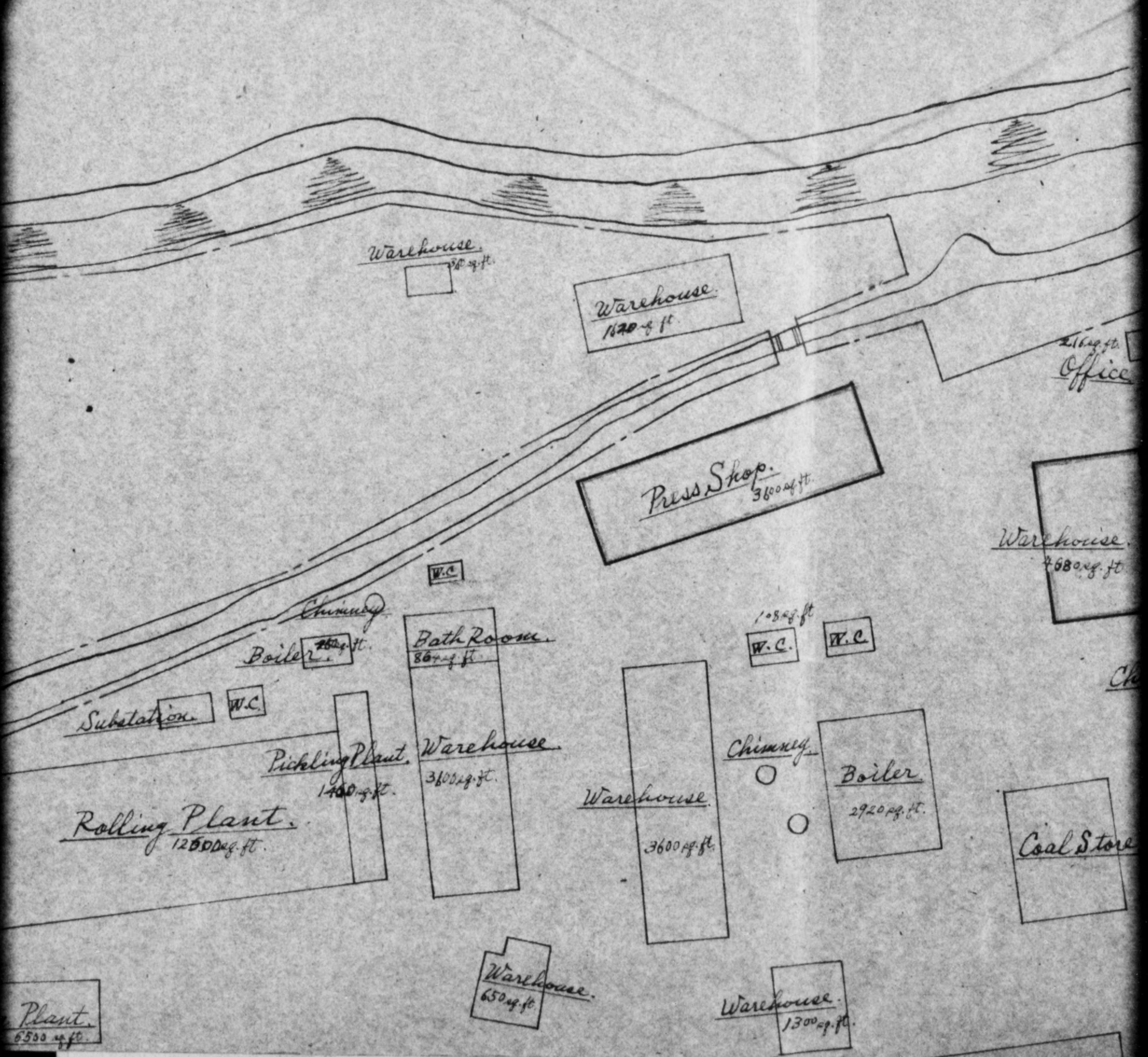


General View of Riken Indust

No. 359, Sudoshi, Shonai-cho, Toyono-g



View of Riken Industrial Corp, Osaka Plant
Shonai-cho, Toyono-gun, Osaka-fu.

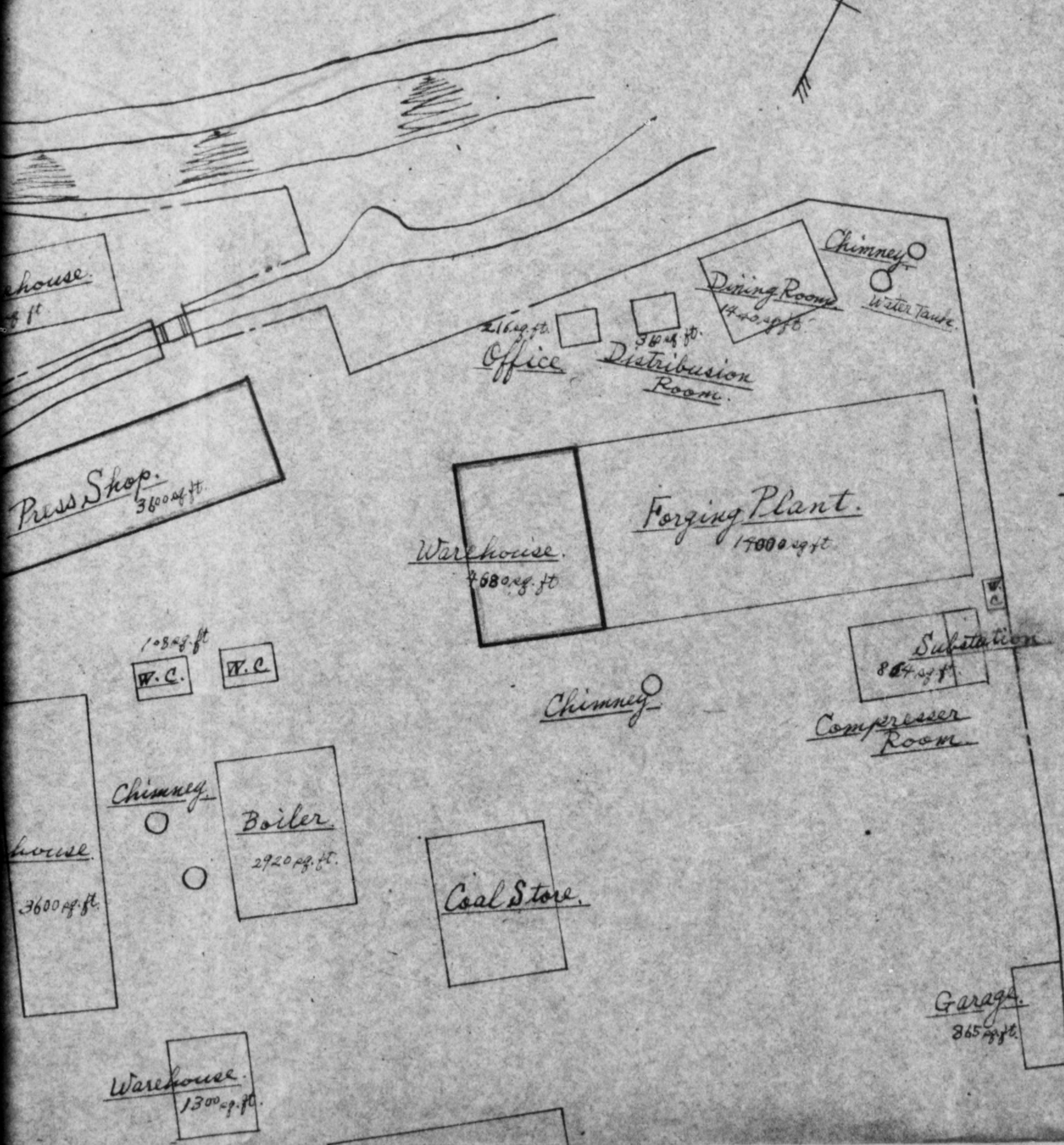
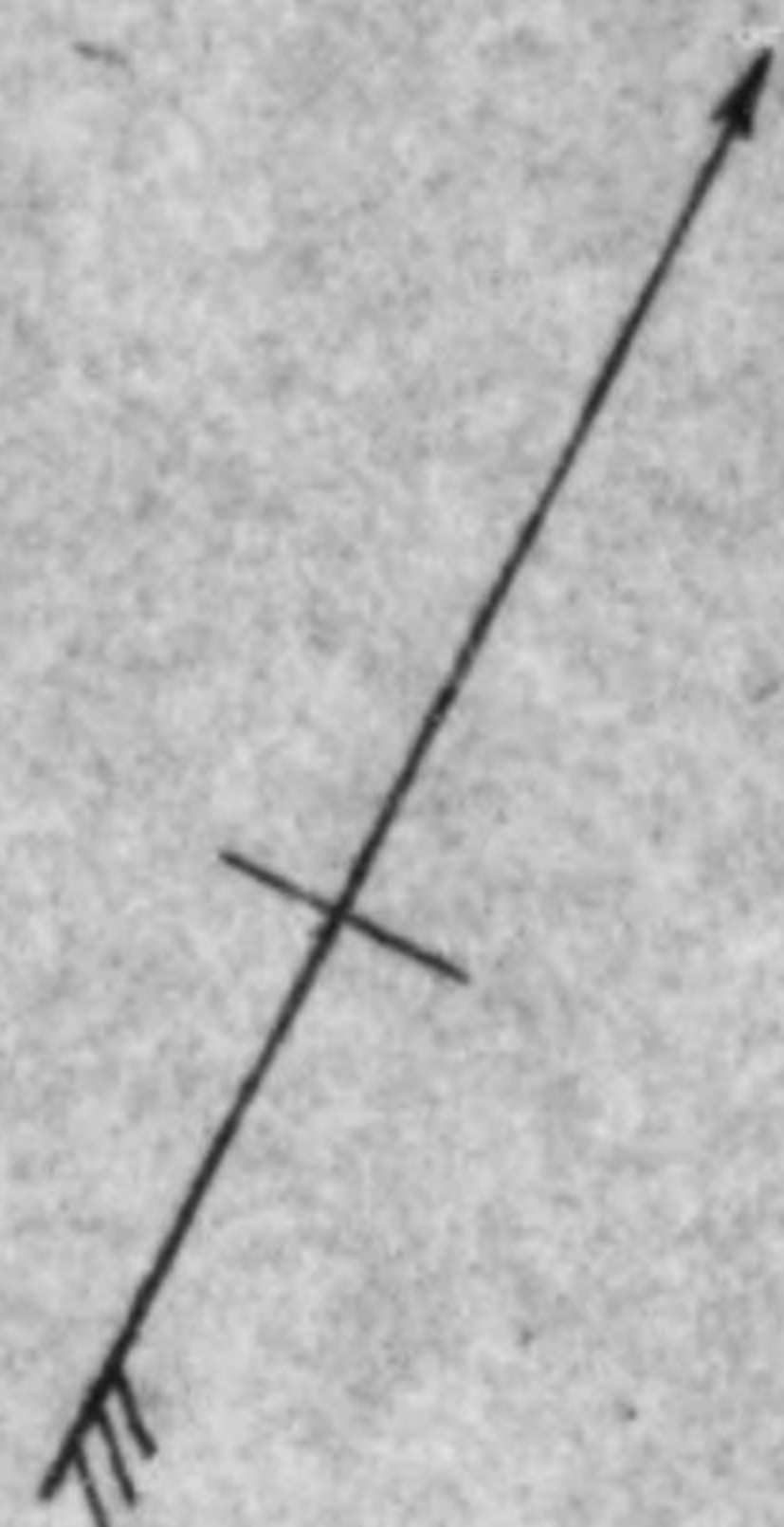


5-2

l Corp, Osaka Plant.

Osaka - fu.

N.

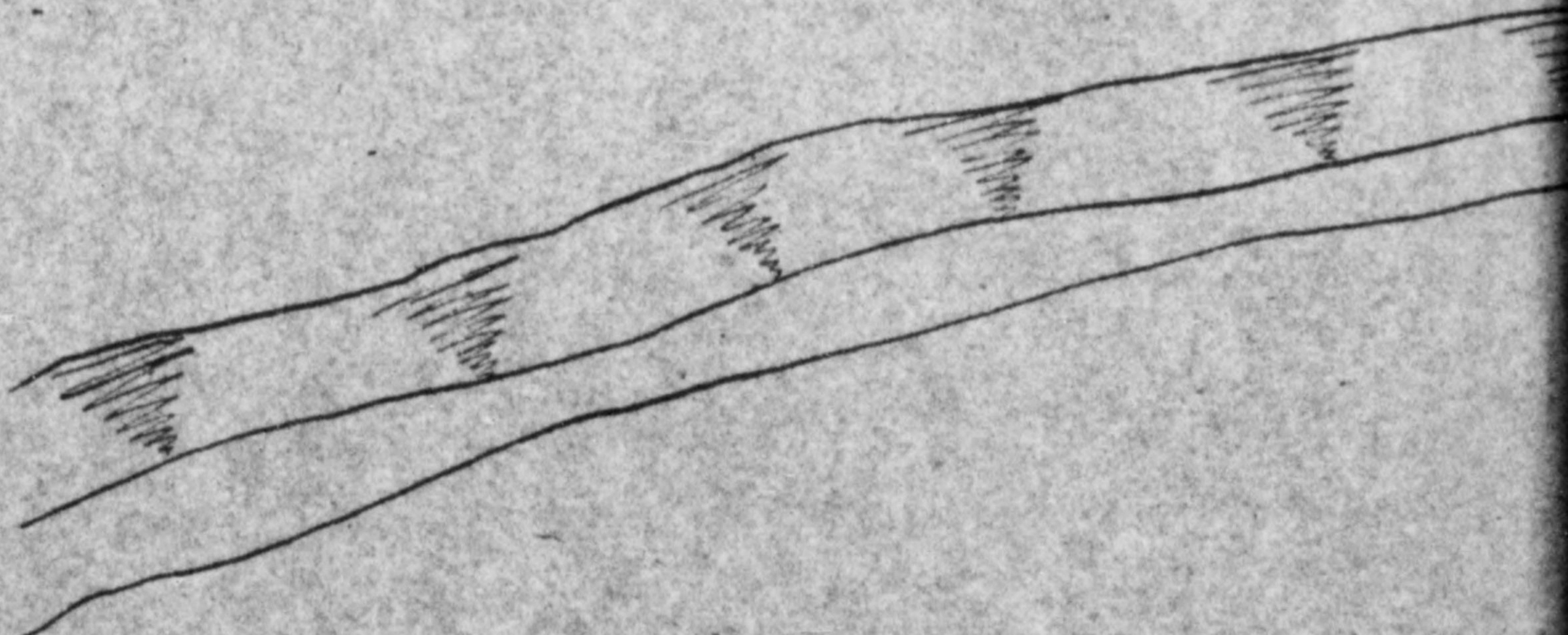


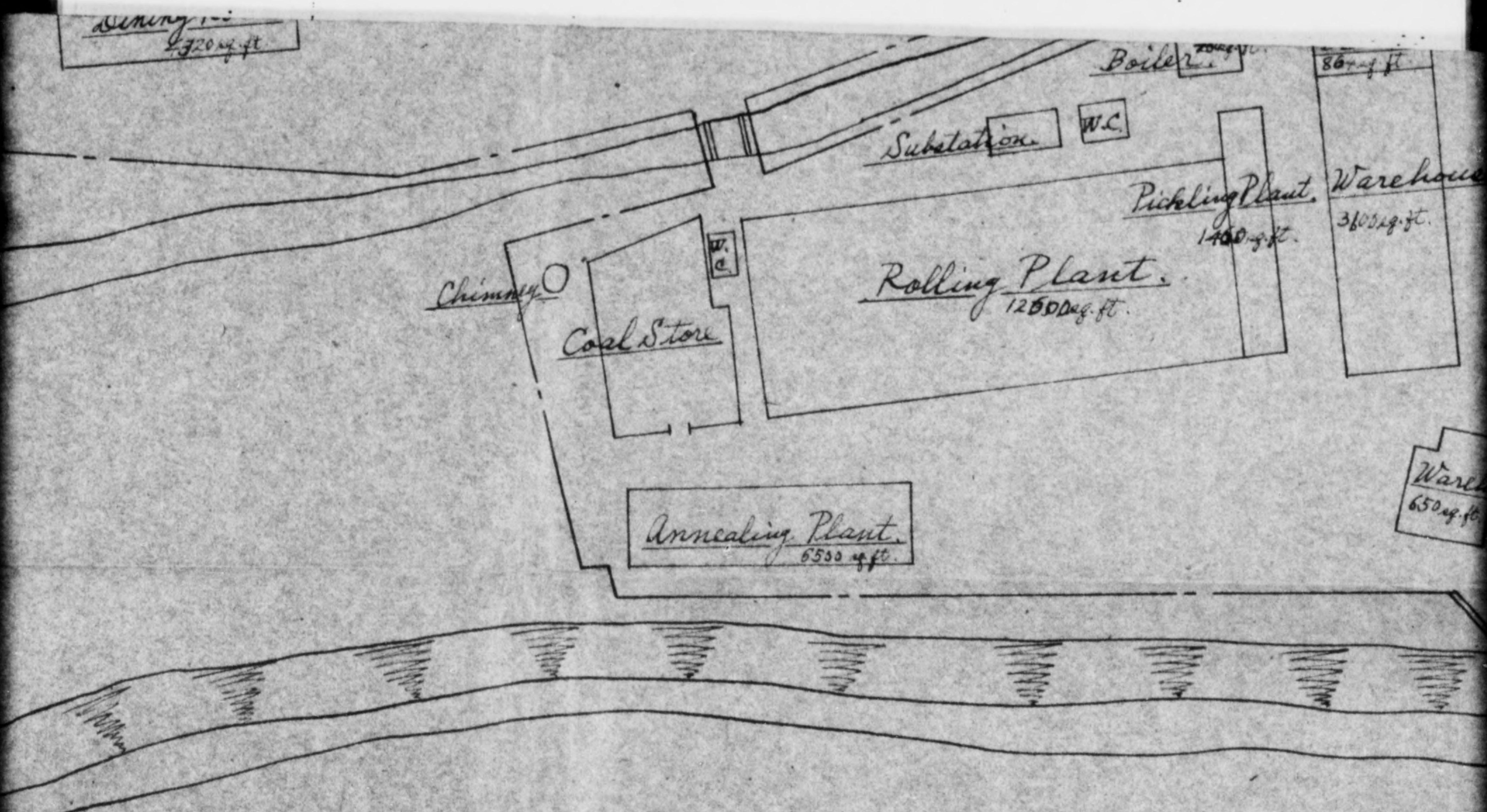
775013

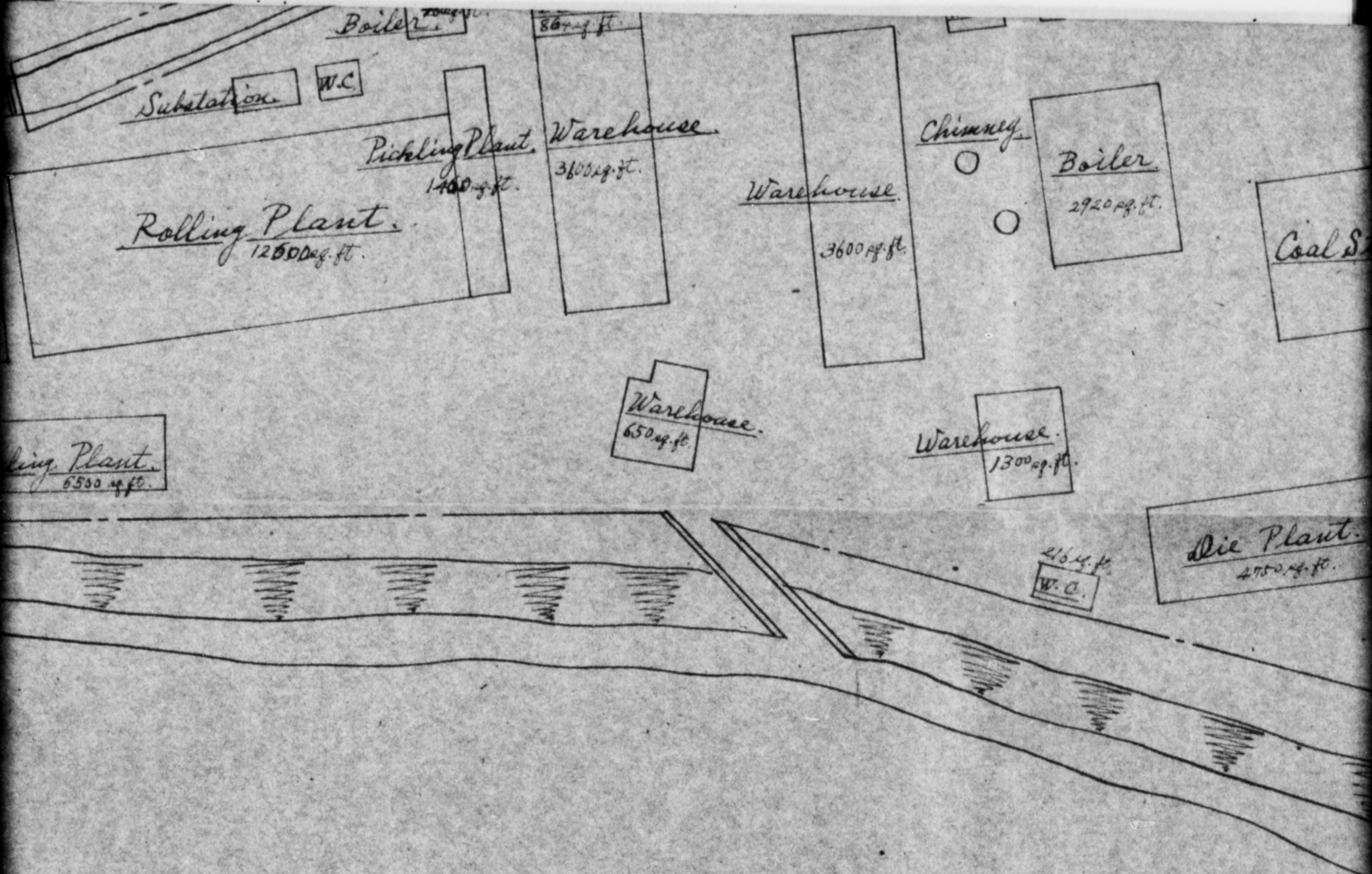
Dormitory
4320 sq. ft.

Living
4320 sq. ft.

Chimney







Rolling Plant
6500 sq. ft.

Boiler
86 sq. ft.

Substation

W.C.

Pickling Plant
1400 sq. ft.

Warehouse
3600 sq. ft.

Warehouse
3600 sq. ft.

Chimney

Boiler
2920 sq. ft.

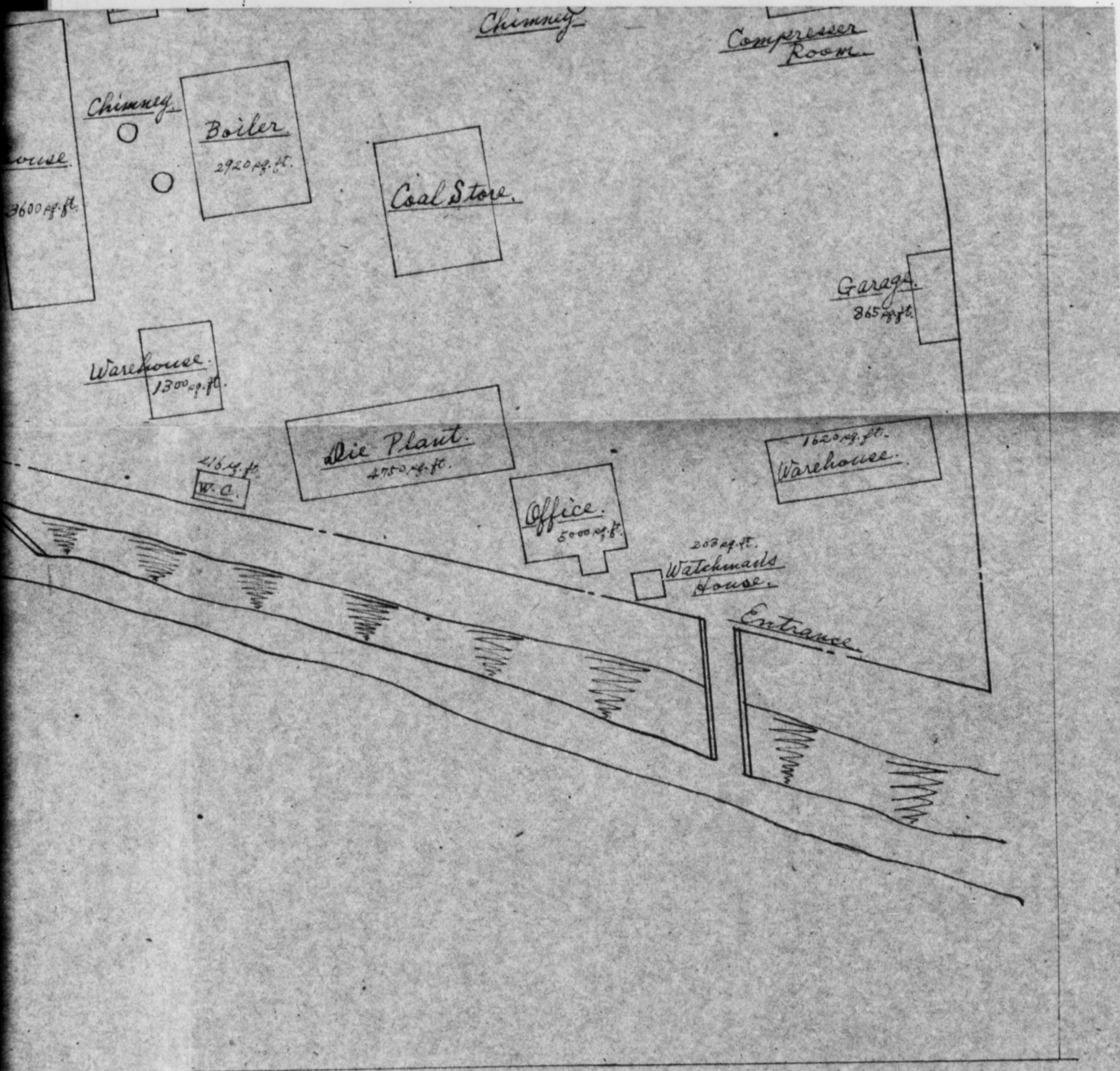
Coal S.

Warehouse
650 sq. ft.

Warehouse
1300 sq. ft.

W.C.
216 sq. ft.

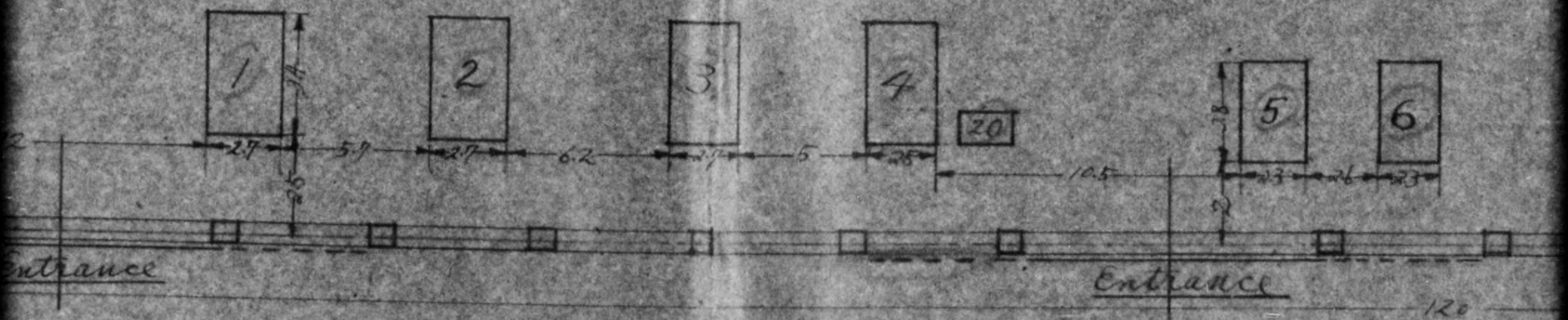
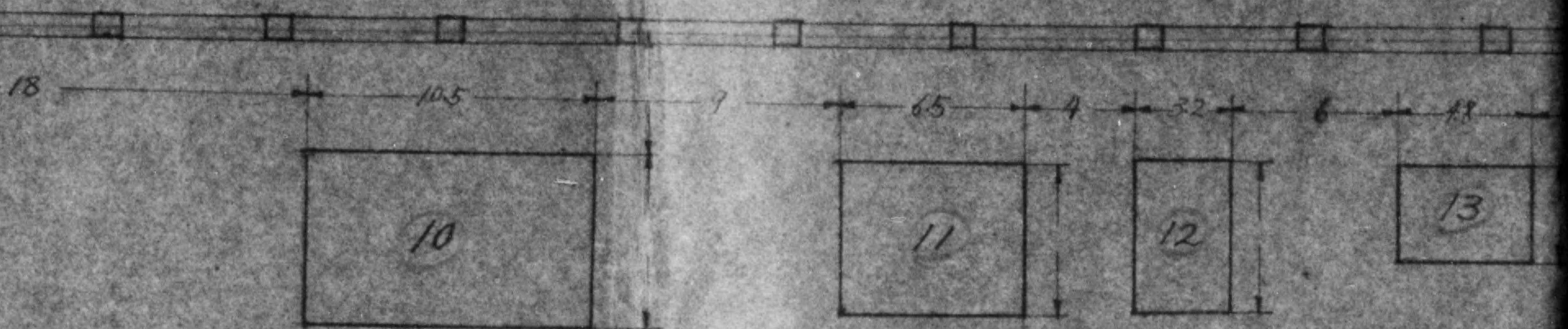
Die Plant
4750 sq. ft.



Press Shop.

Riken Industrial Corp, Osaka Pl

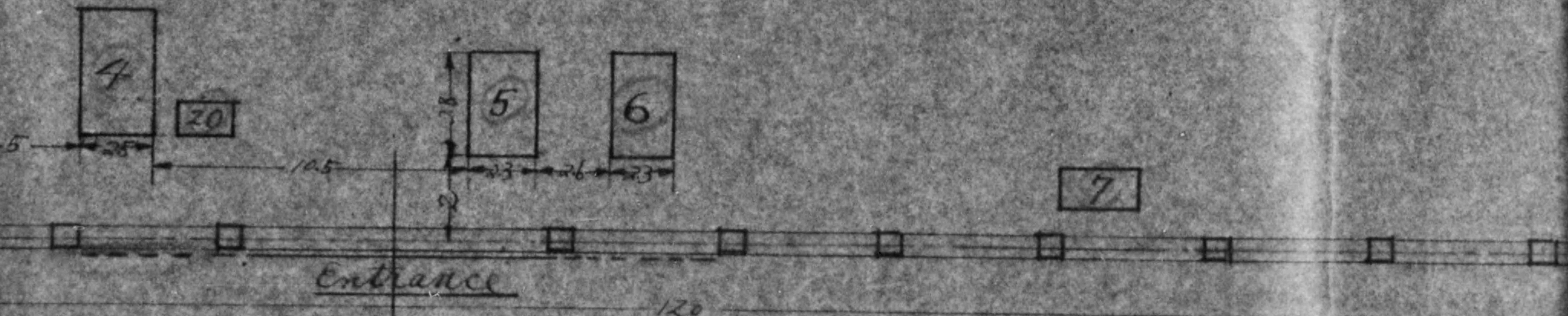
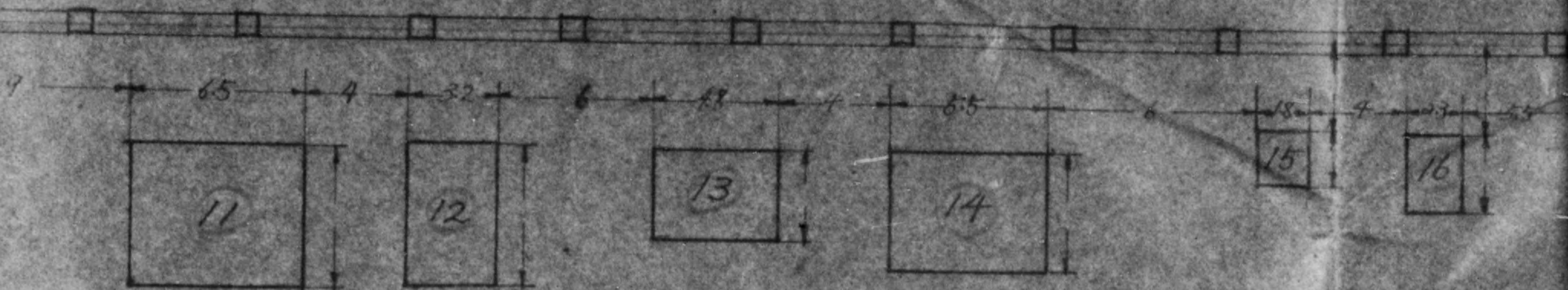
Indicating exact position of machinery and equip



Remarks: - (A) Red marks of installed machinery (20 units) required to maintain the present level of
 (B) Measurement in feet.

Press Shop.

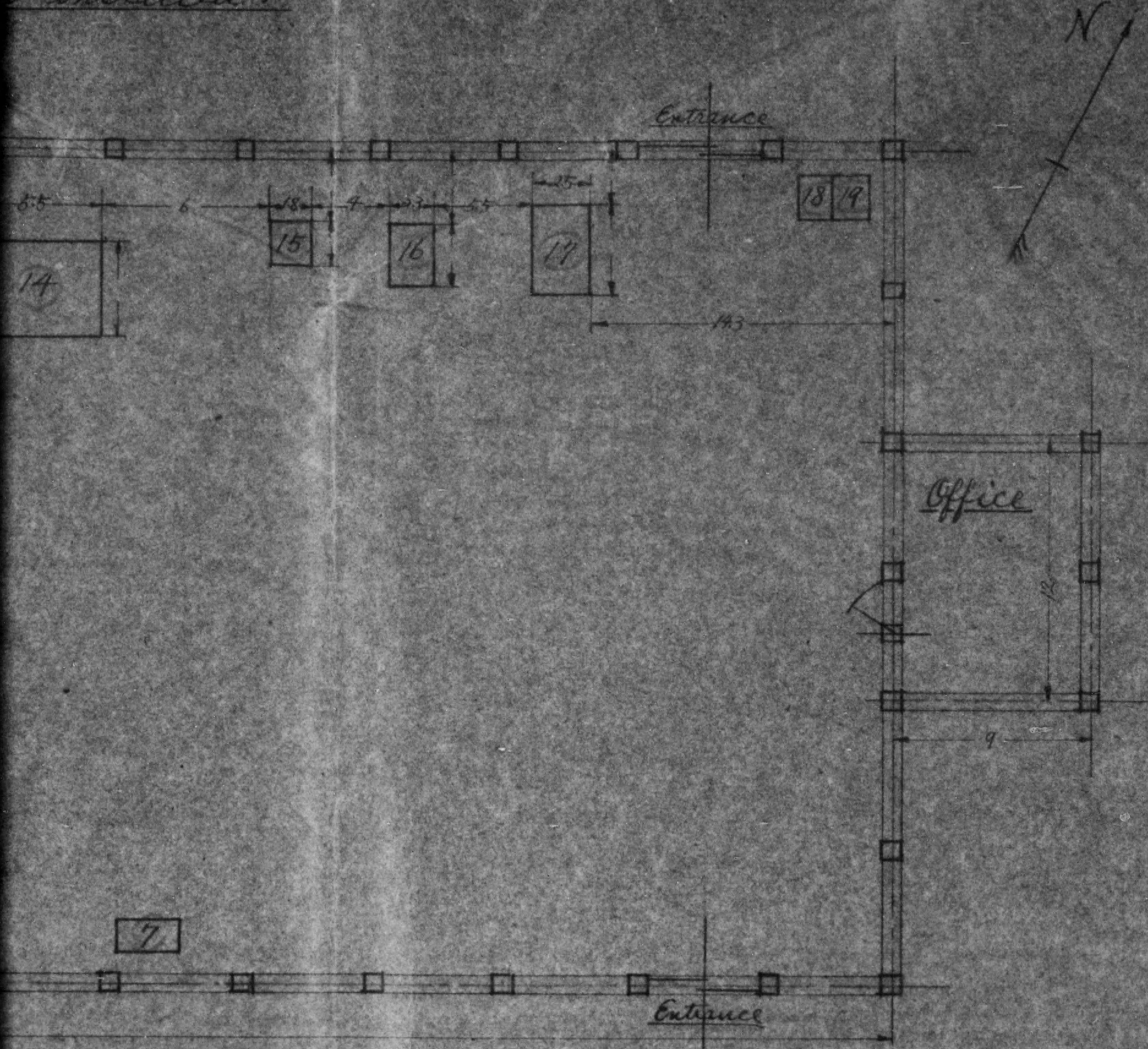
Industrial Corp, Osaka Plant: (no. 354, Sudoshi, Shonai-cho, I)
Location of machinery and equipment installed.



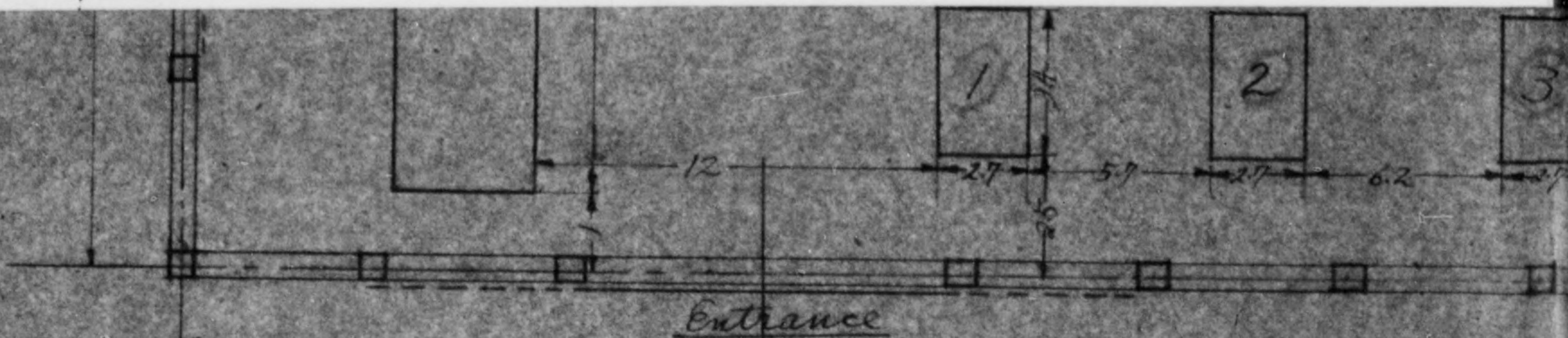
Installed machinery (20 units) considered to be the mini
maintain the present level of production.
fact.

5-3

(no. 358, Sudoshi, Skonai-cho, Toyono-gun, Osaka-fu.)
installed.

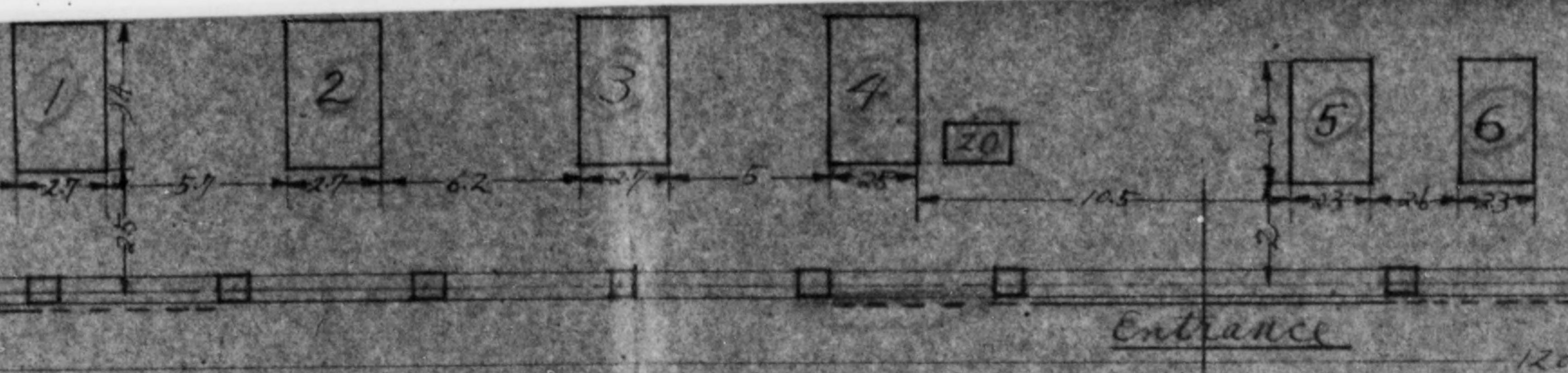


considered to be the minimum
production.



Remarks: - (A) Red marks of
 required to m
 (B) Measurement in

Mark	Name
1	20 tons
2	20 tons
3	20 tons
4	15 tons
5	10 tons
6	10 tons
7	Drill
8	6 ft Sh
9	10 ft Sh
10	10 ft B



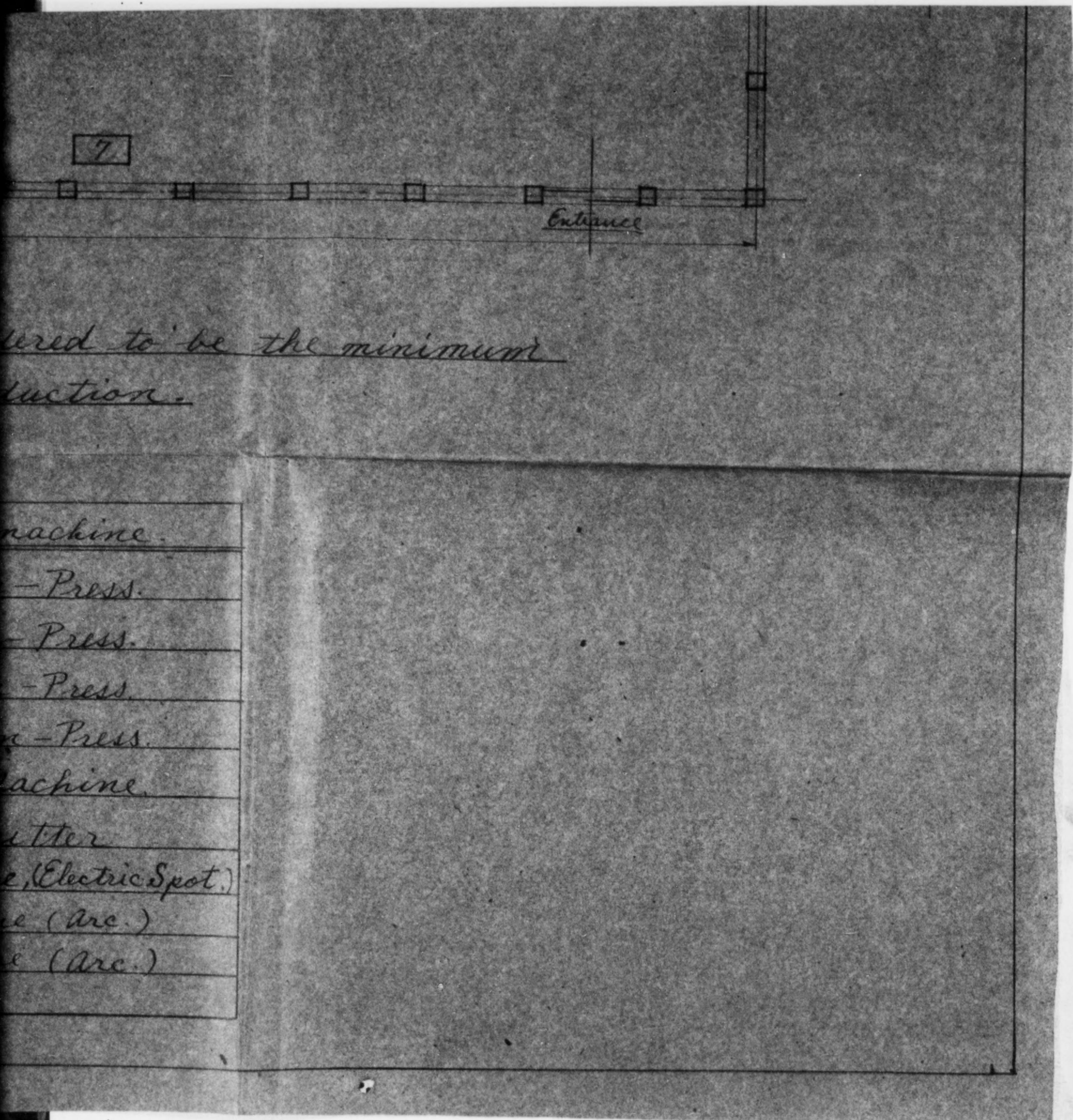
Remarks: - (A) Red marks of installed machinery (20 units) are required to maintain the present level of
 (B) Measurement in feet.

Mark	Name of machine.	Mark	Name
1	20 tons Power - Press.	11	3ft Ben
2	20 tons Power - Press.	12	50 tons F
3	20 tons Power - Press.	13	80 tons Fr
4	15 tons Power - Press.	14	120 tons Fr
5	10 tons Power - Press.	15	Grinding
6	10 tons Power - Press	16	Friction
7	Drilling - Machine	17	Welding
8	6ft Shearing - Machine.	18	Welding
9	10ft Shearing - Machine.	19	Welding M
10	10ft Bending Press	20	Bench D



Installed machinery (20 units) considered to be the minimum to maintain the present level of production.

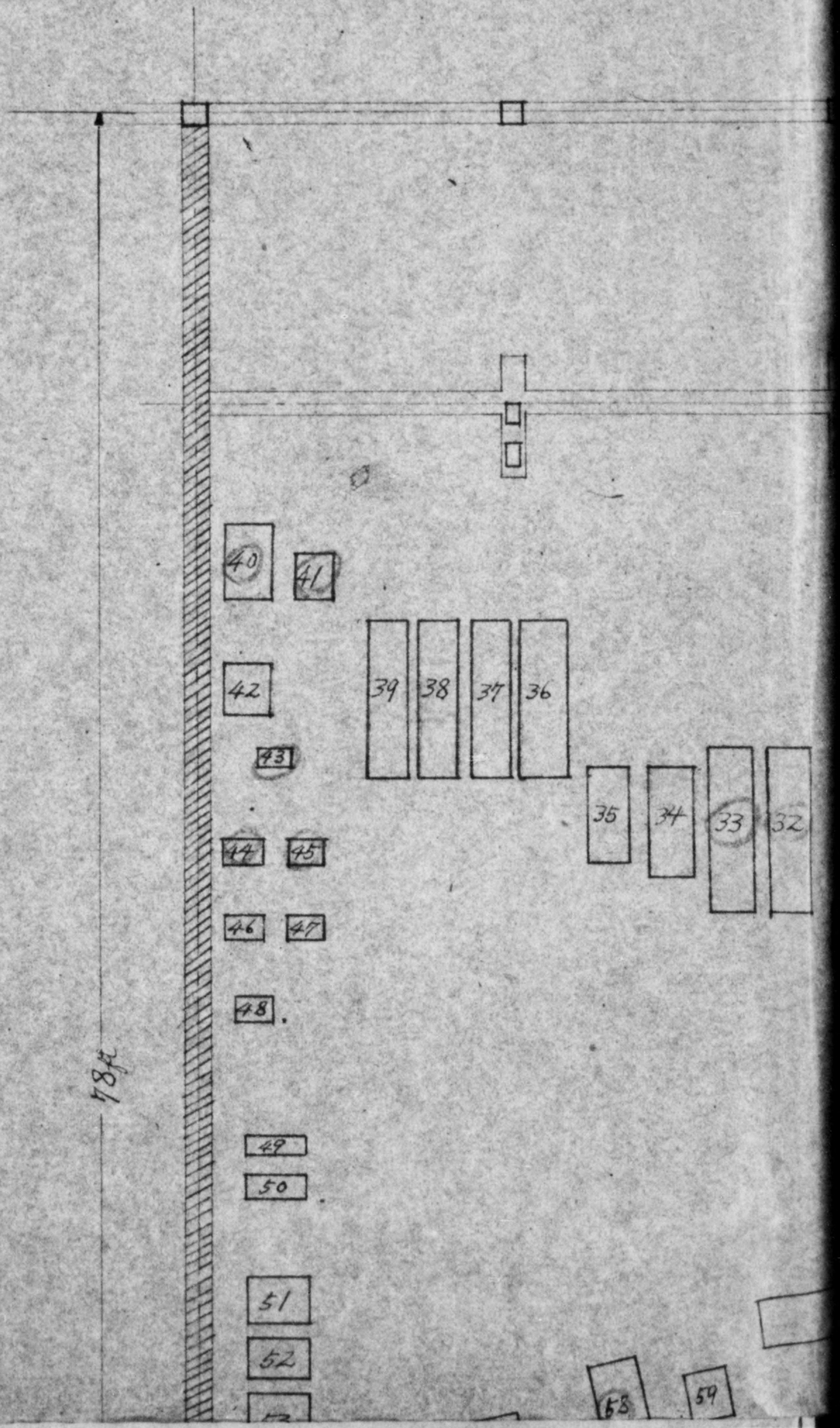
machine.	Mark.	Name of machine.
Power-Press.	11	3ft Bending-Press.
Power-Press.	12	50 tons Power-Press.
Power-Press.	13	80 tons Friction-Press.
Power-Press.	14	120 tons Friction-Press.
Power-Press.	15	Grinding-Machine.
Power-Press	16	Friction-Cutter
Machine.	17	Welding Machine (Electric Spot.)
ing-machine.	18	Welding Machine (Arc.)
ing-machine.	19	Welding Machine (Arc.)
ing-Press	20	Bench Drills.



ered to be the minimum
duction.

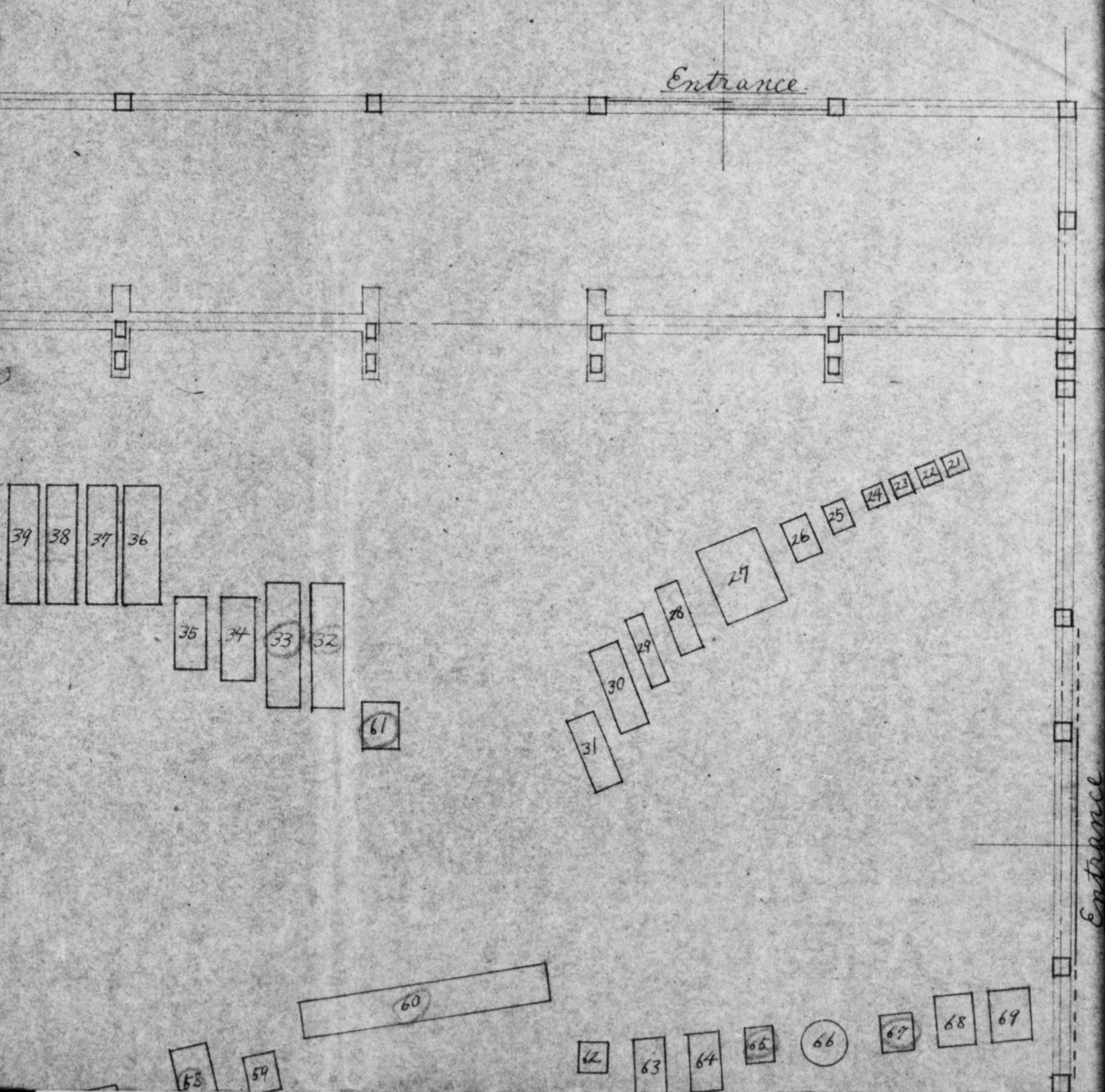
- Machine.
- Press.
- Press.
- Press.
- Press.
- Machine.
- utter
- (Electric Spot.)
- (Arc.)
- (Arc.)

Riken Ind
Indicating exact



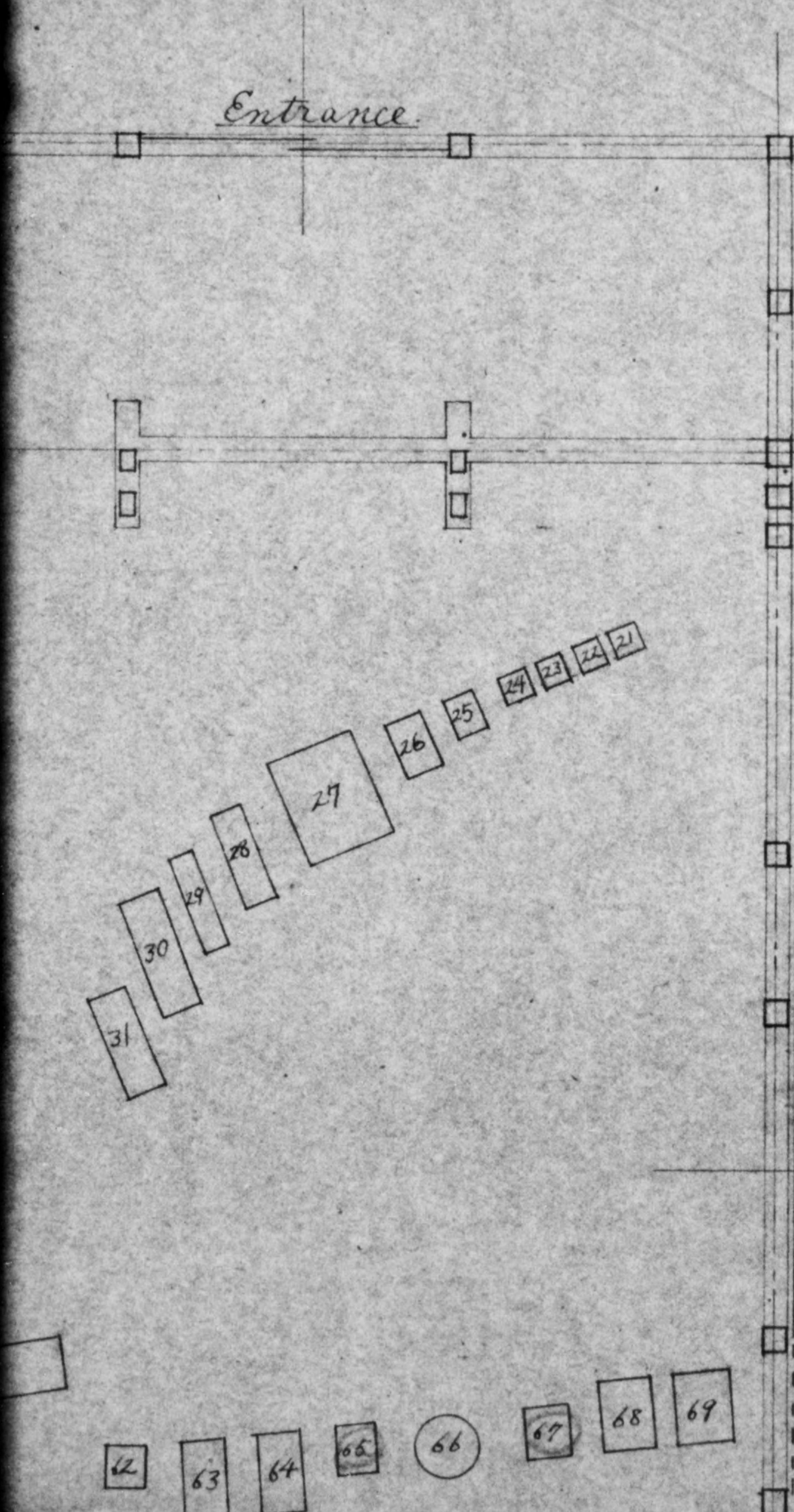
Warehouse.

Riken Industrial Corp, Osaka Plant. (no. 359, S.)
Indicating exact position of machinery and equipment stored



Warehouse.

Corp, Osaka Plant. (no. 359, Sudoshi, Shonai-cho, Toyono gun.
of machinery and equipment stored in.



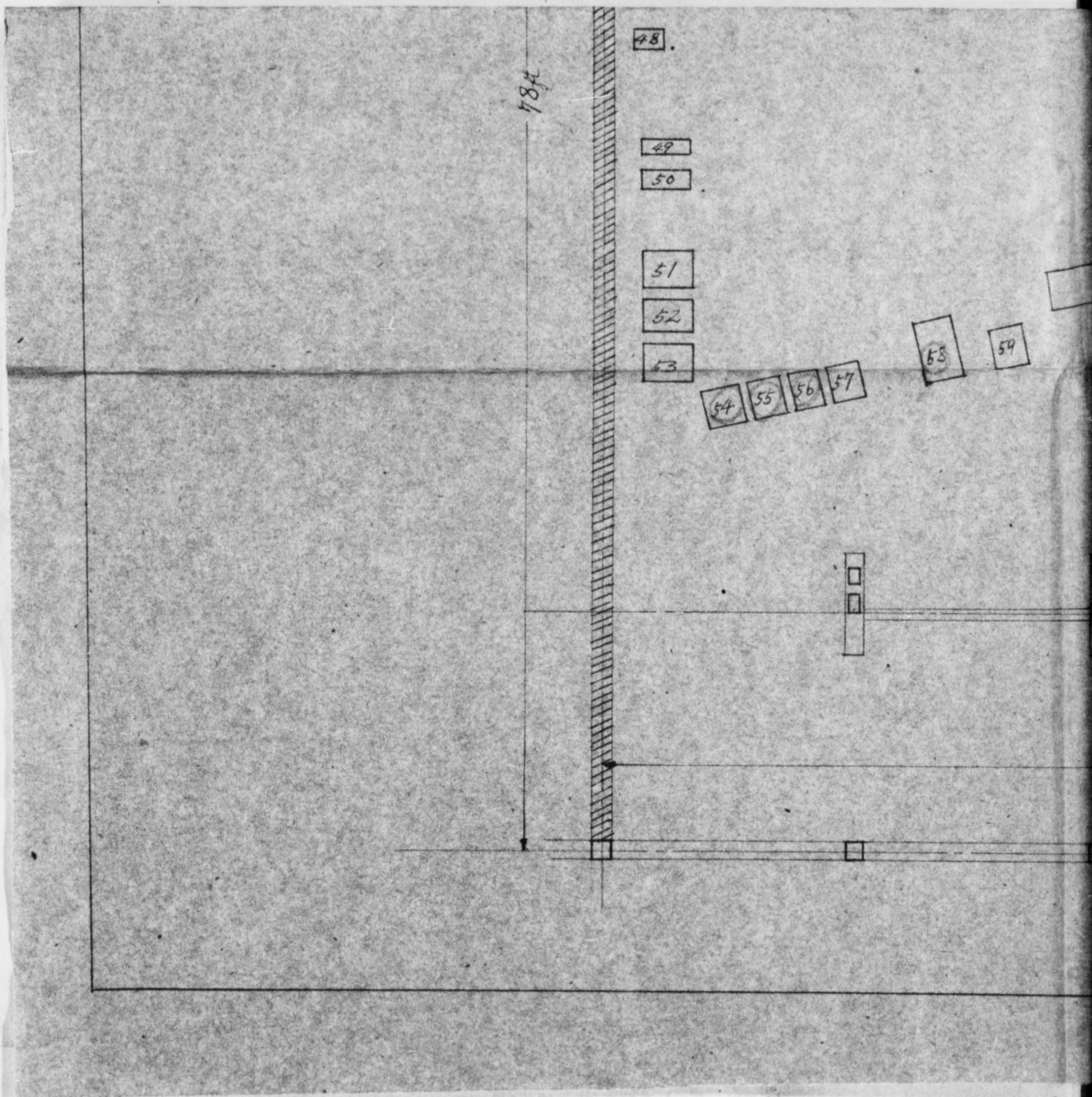
Mark	Name of M
21-24	Grinding Machine
25	Milling Machine
26	Milling Machine
27	Milling Machine
28	Shaper 18'
29	Shaper 16'
30	Shaper 24'
31	Shaper 18'
32-33	Lathe, Engine, G
34	Lathe, Engine, G
35	Lathe, Engine, S
36	Lathe, Engine, G
37	Lathe, Engine, G
38	Lathe, Engine, G
39	Lathe, Engine, G
40-42	Drilling Machine
43-48	Drilling Machine
49-50	Sawing Machine
51-57	Welding Machine
58-59	Welding Machine, Elect
60	Planer 10'
61	Power Press
62	Motor
63	Compressor
64	Compressor, Trans
65	Rolling Machine
66	air Reserve Tank

5-4

(Yoshiki, Shonai-cho, Toyono-gun, Osaka-fu.)
ed in.

Mark	Name of Machine.
21-24	Grinding Machine.
25	Milling Machine, No. 1, Horizontal.
26	Milling Machine, No. 2, Vertical.
27	Milling Machine, Double Spindles.
28	Shaper 18"
29	Shaper 16"
30	Shaper 24"
31	Shaper 18"
32-33	Lathe, Engine, Gap. 8'
34	Lathe, Engine, Gap. 4.8'
35	Lathe, Engine, Standard. 4'
36	Lathe, Engine, Gap. 6'
37	Lathe, Engine, Gap. 6'
38	Lathe, Engine, Gap. 6'
39	Lathe, Engine, Gap. 6'
40-42	Drilling Machine.
43-48	Drilling Machine, Bench Type.
49-50	Sawing Machine.
51-57	Welding Machine, Electric Arc.
58-59	Welding Machine, Electric Resistance (Spot)
60	Planer 10'
61	Power Press, 2HP.
62	Motor 30HP.
63	Compressor.
64	Compressor, Transportable.
65	Rolling Machine.
66	air Reserve Tank.





48

49

50

51

52

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54 55 56 57

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63

64

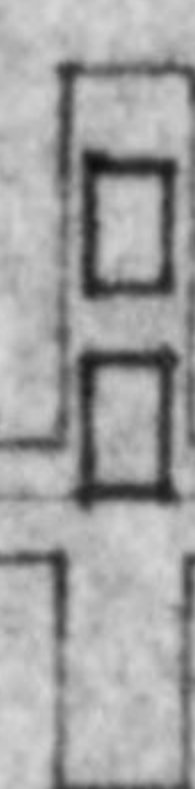
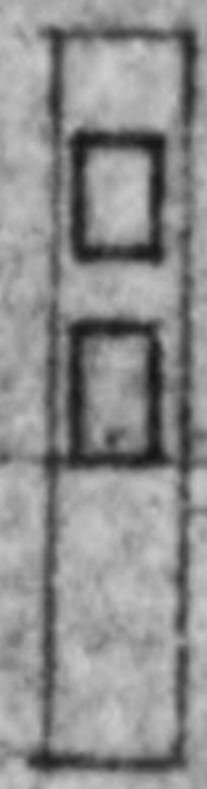
65

66

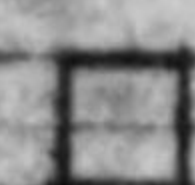
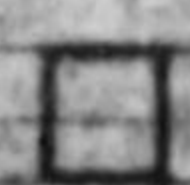
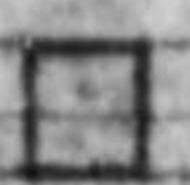
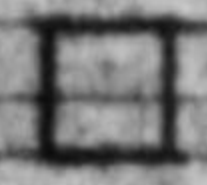
67

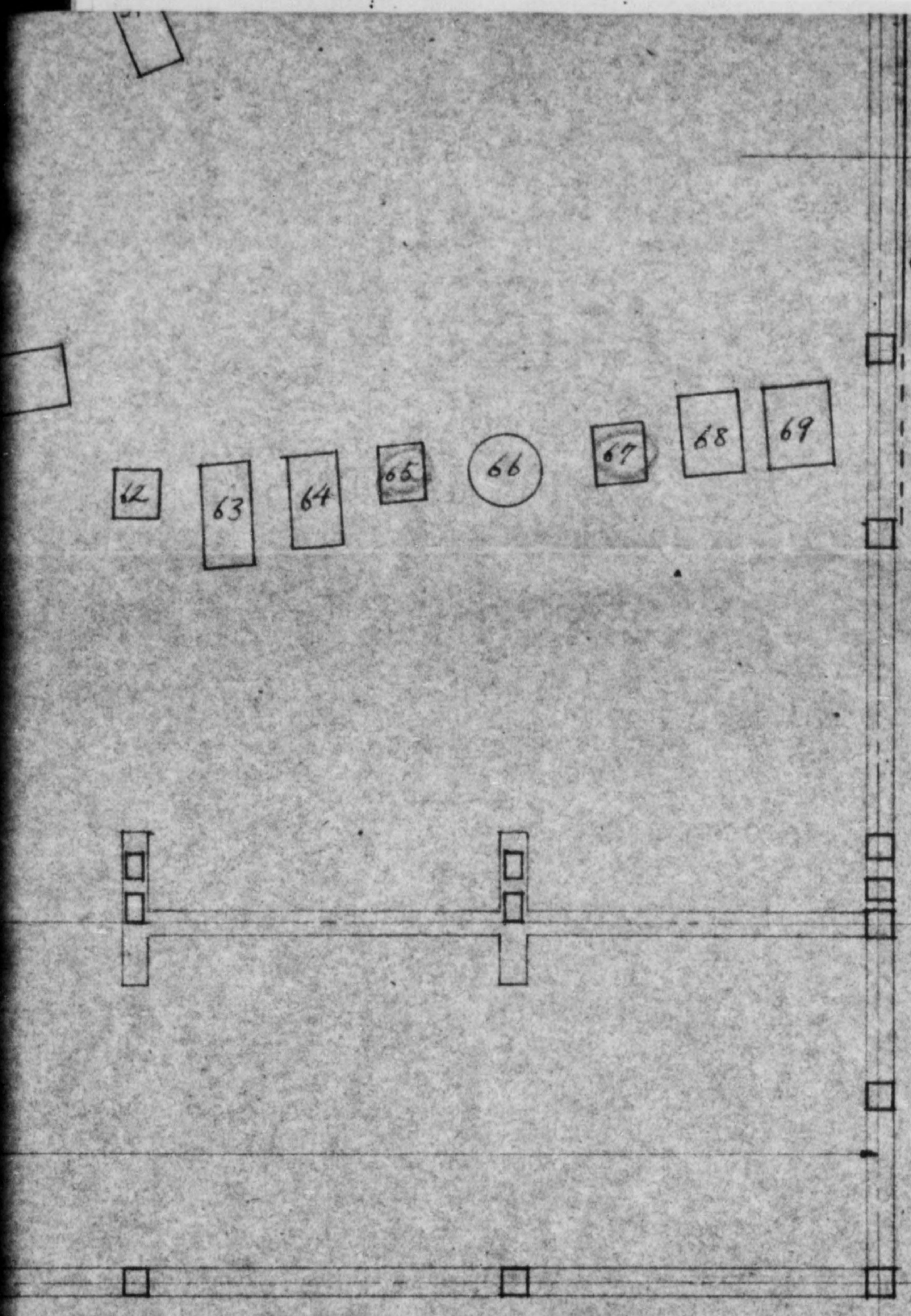
68

69



60pc





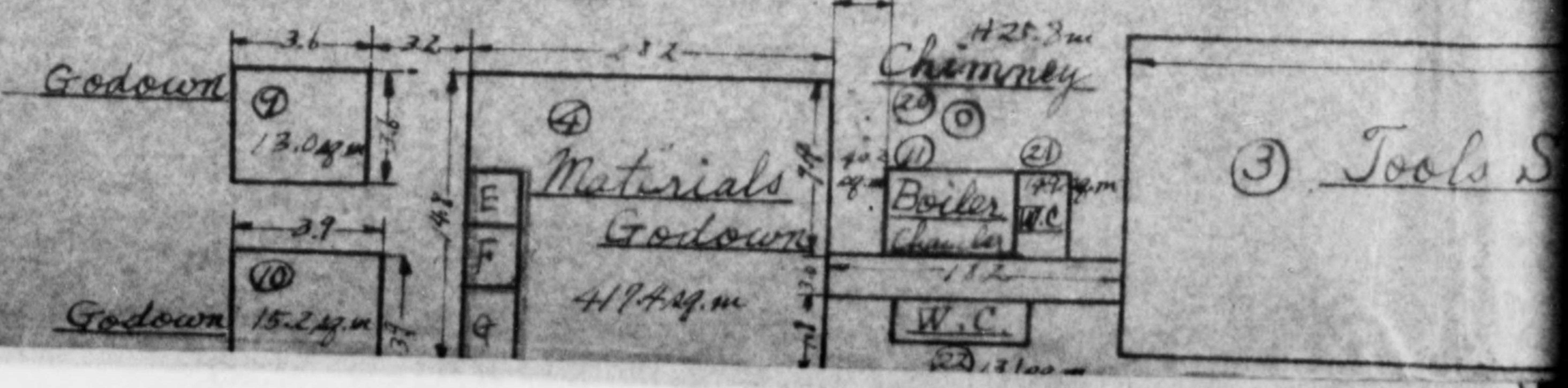
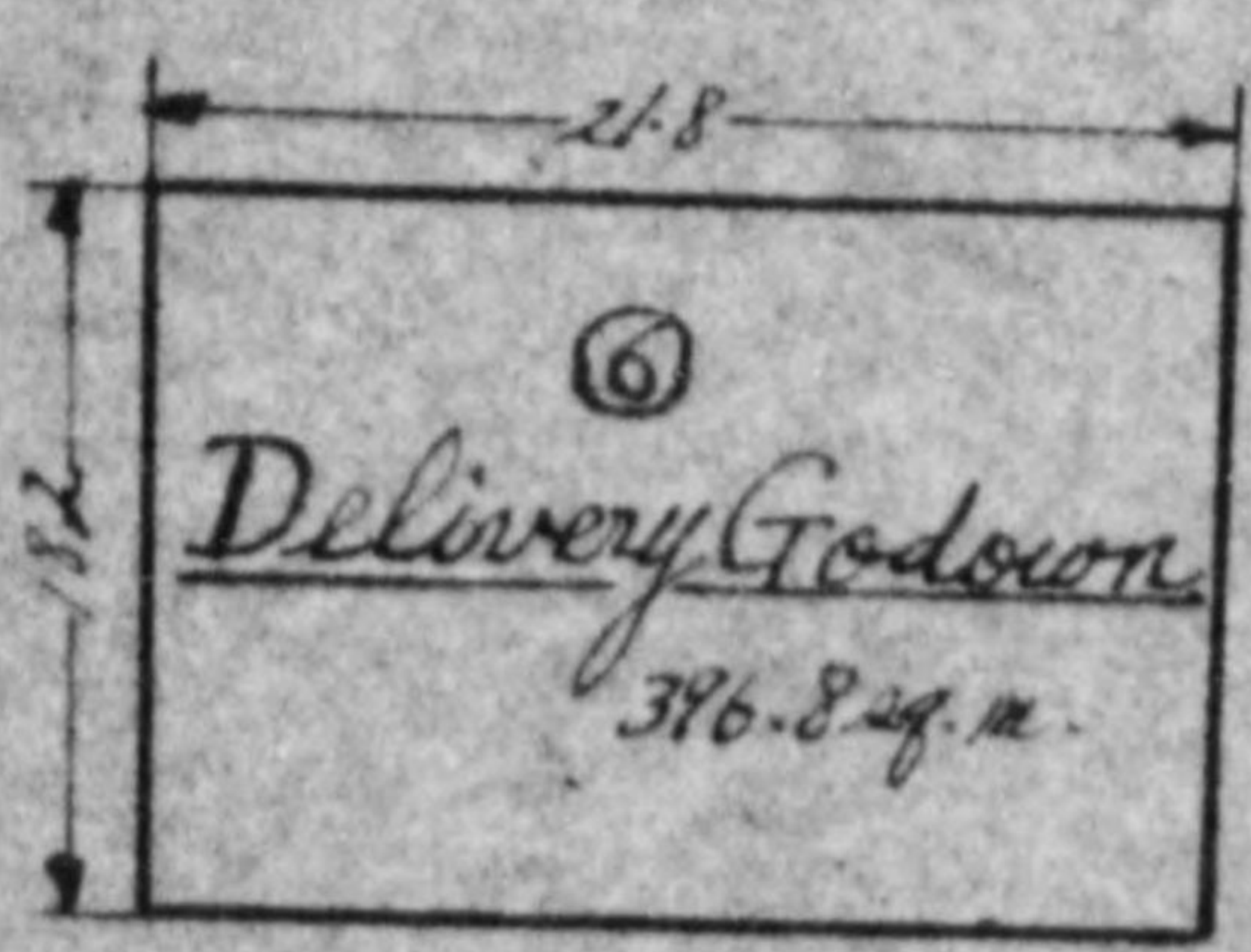
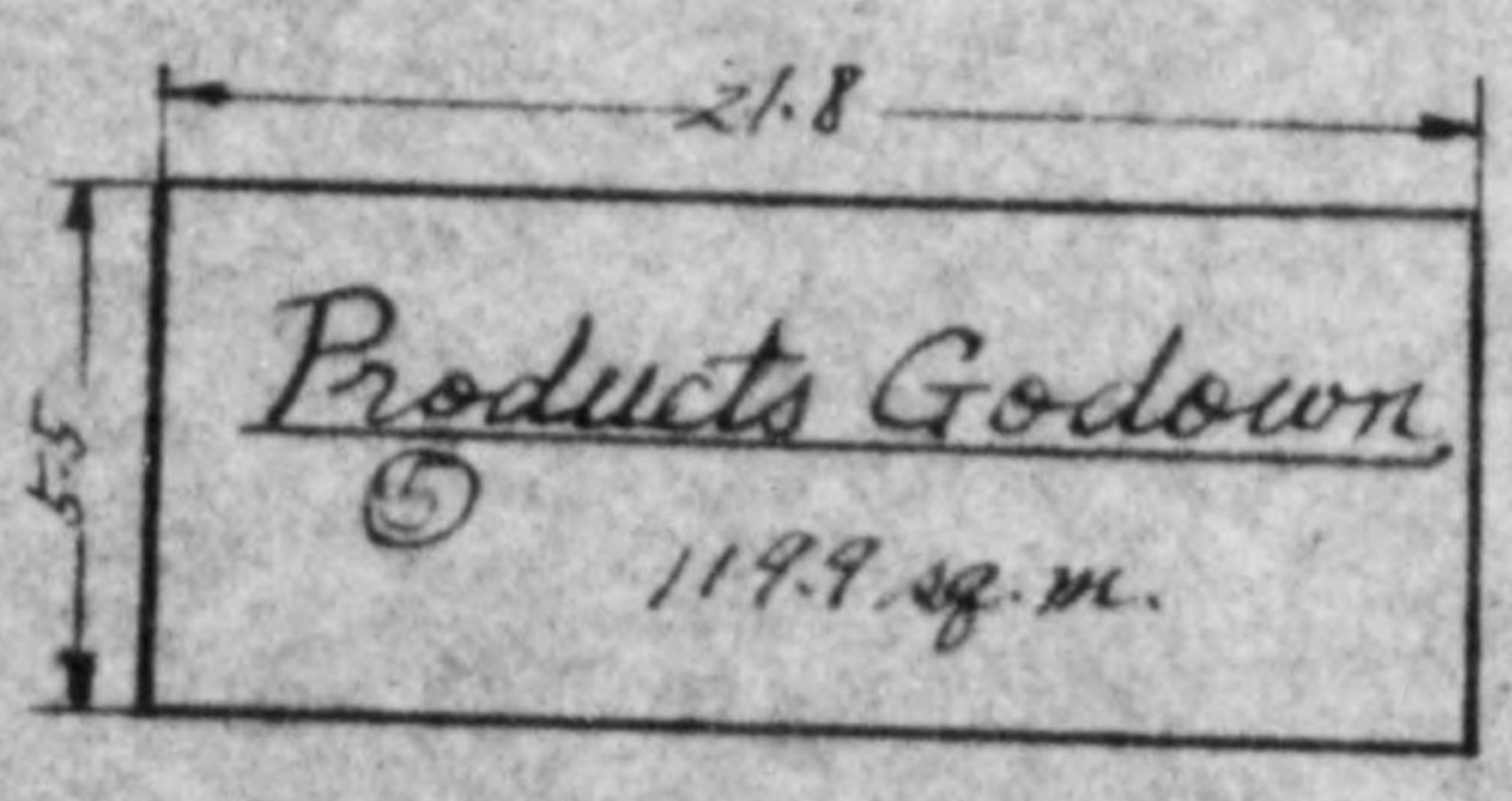
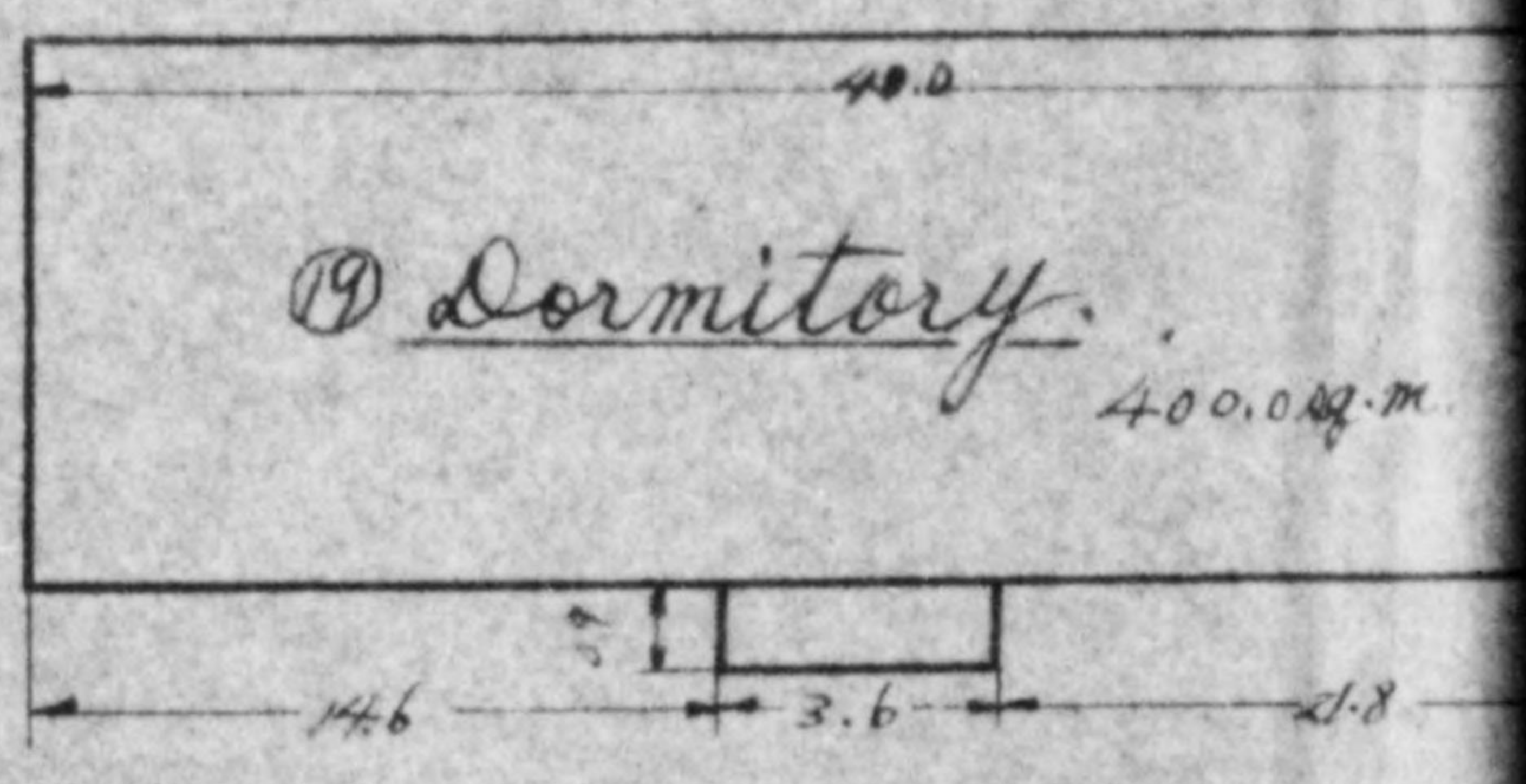
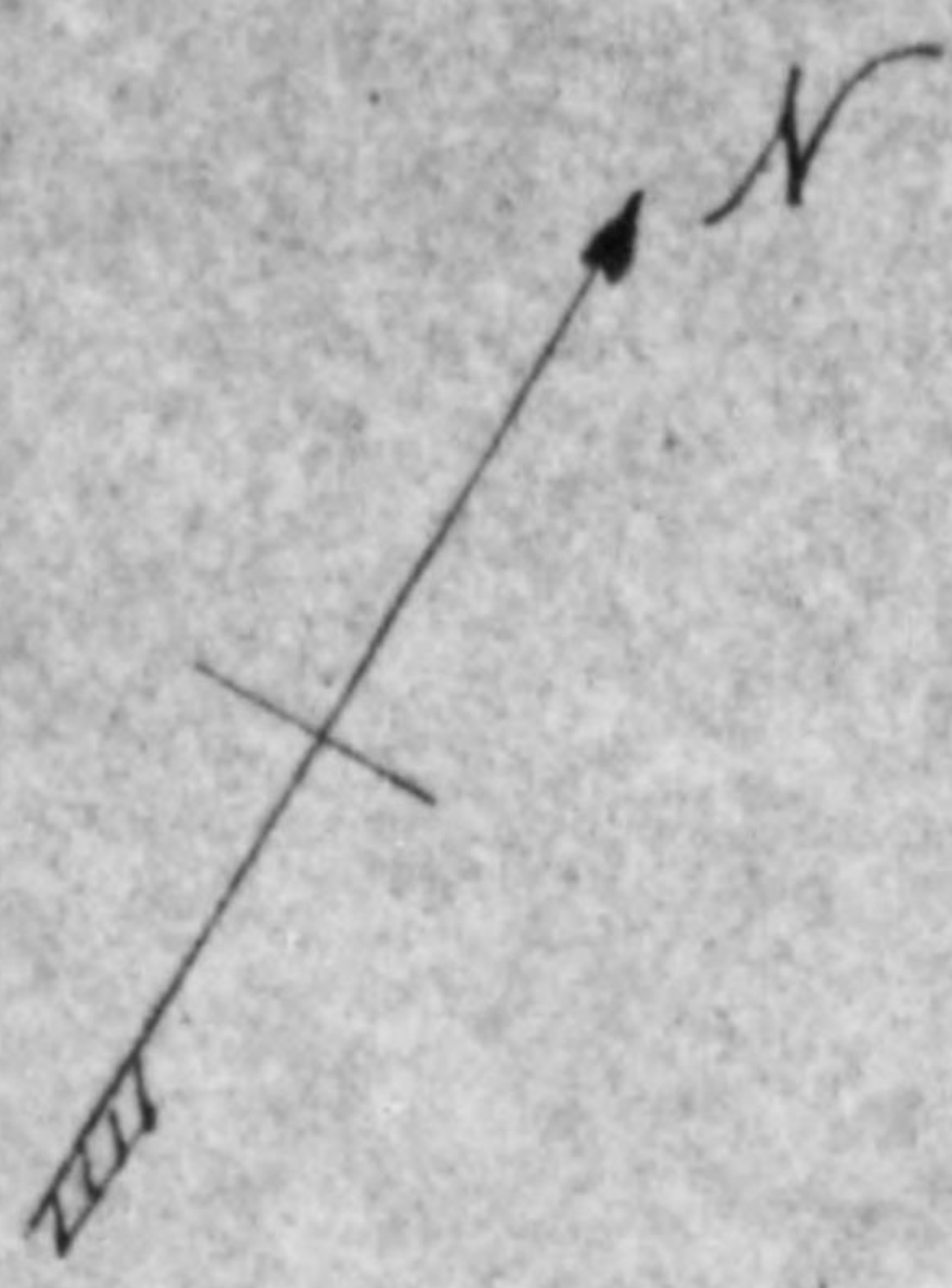
49-50	Dawing Mac
51-57	Welding Machine
58-59	Welding Machine, Elect
60	Planer
61	Power Press
62	Motor
63	Compressor
64	Compressor, Trans
65	Rolling Mach
66	air Reserve Tank
67	Metal Heating Furn
68-69	Lathe

Remarks: Red marks of
 (15 units) considered
 minimum required
 the present level of

49-50	Drawing Machine.
51-54	Welding Machine, Electric Arc.
58-59	Welding Machine, Electric Resistance, (Spot)
60	Planer, 10'
61	Power Press, 2HP.
62	Motor 30HP.
63	Compressor.
64	Compressor, Transportable.
65	Rolling Machine.
66	air Reserve Tank.
67	Metal Heating Furnace.
68-69	Wast.

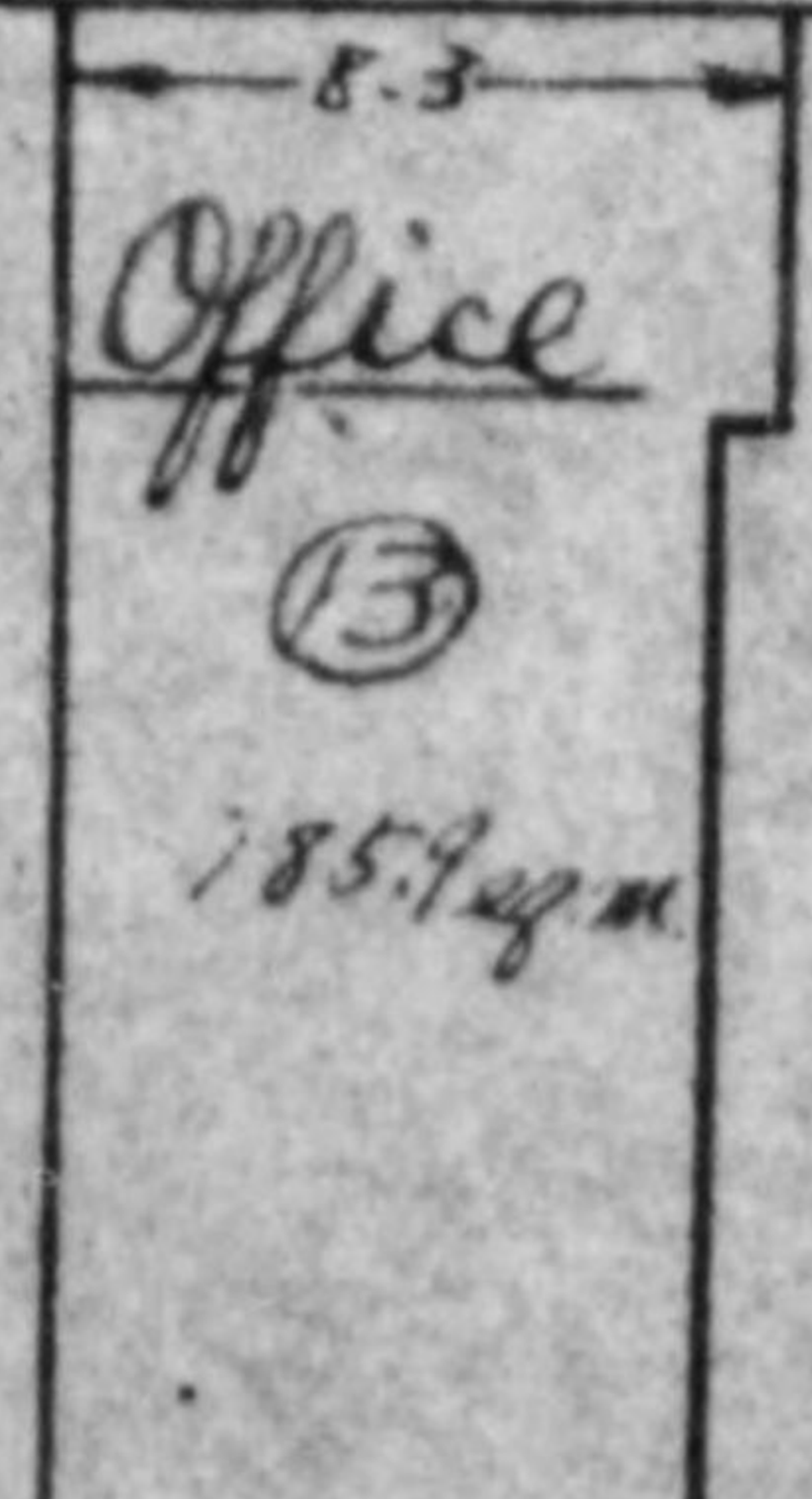
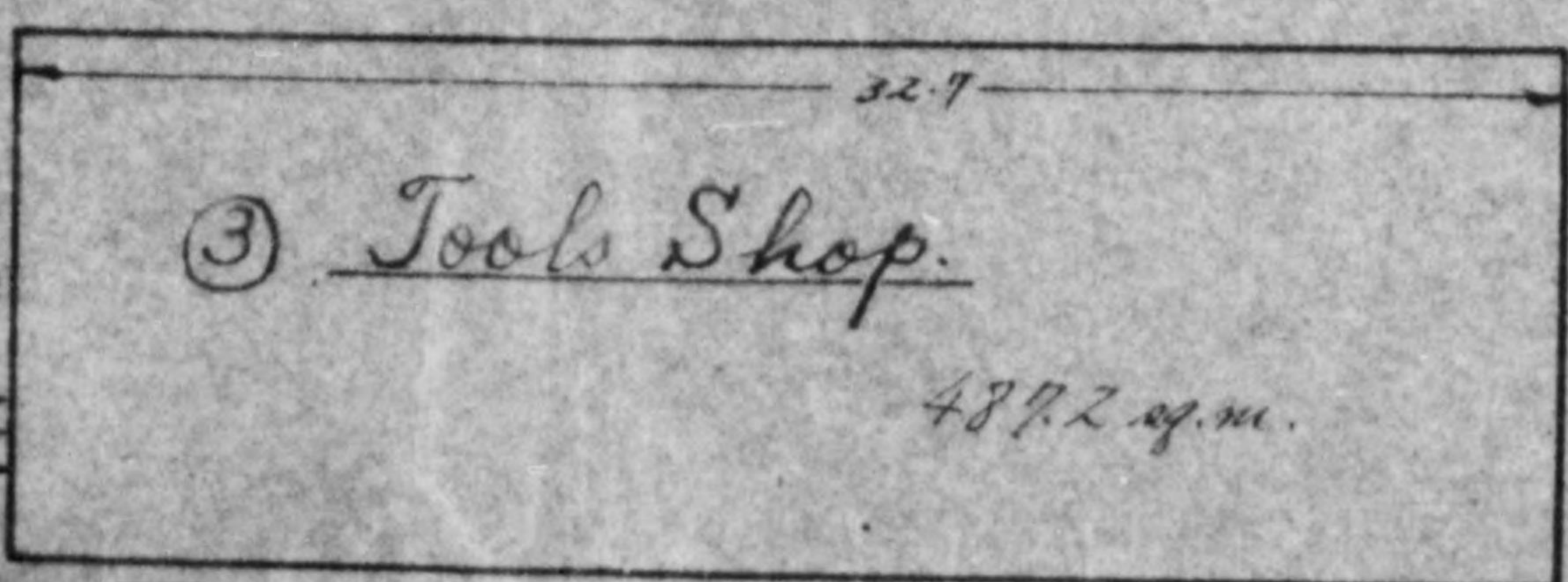
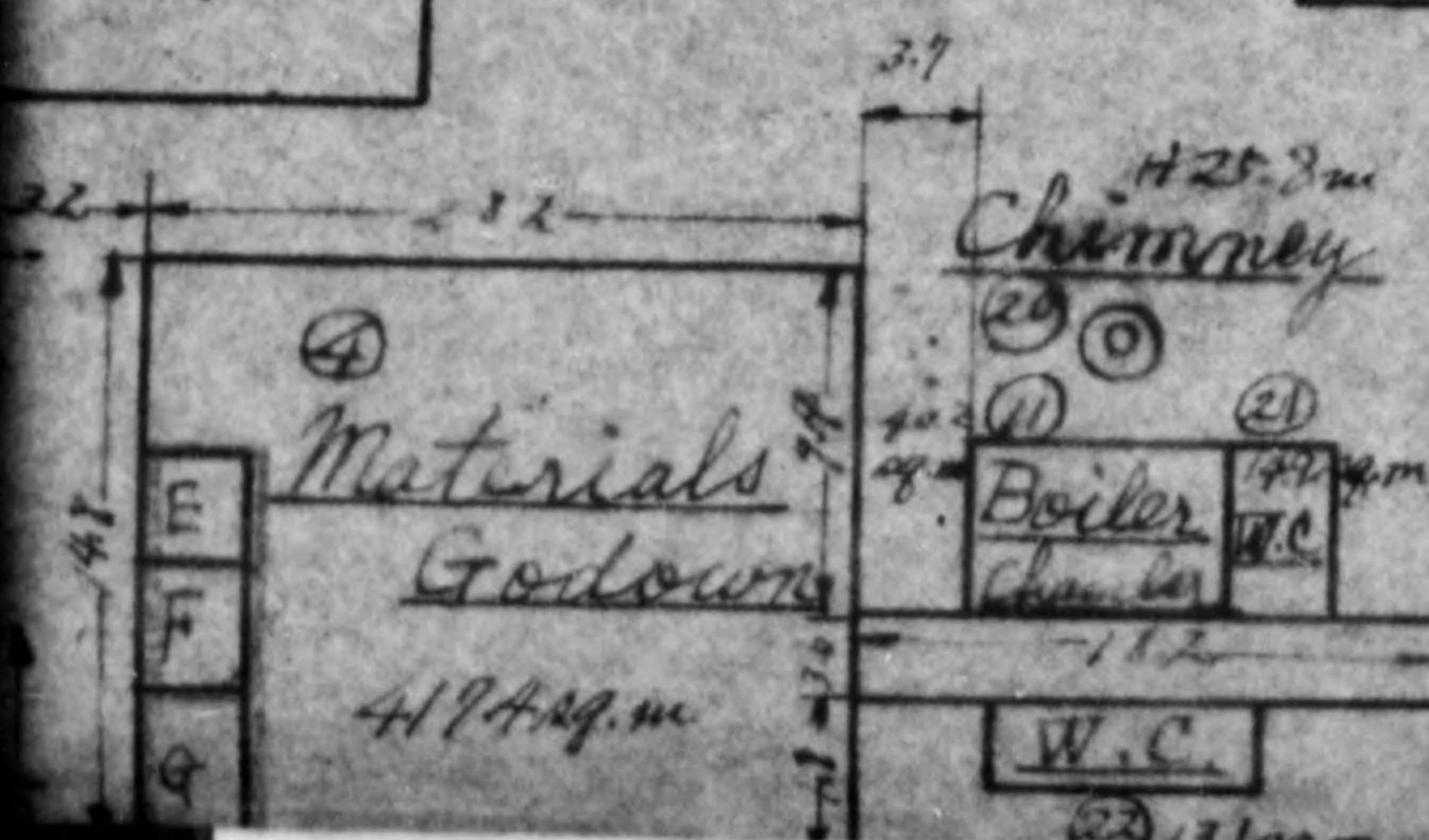
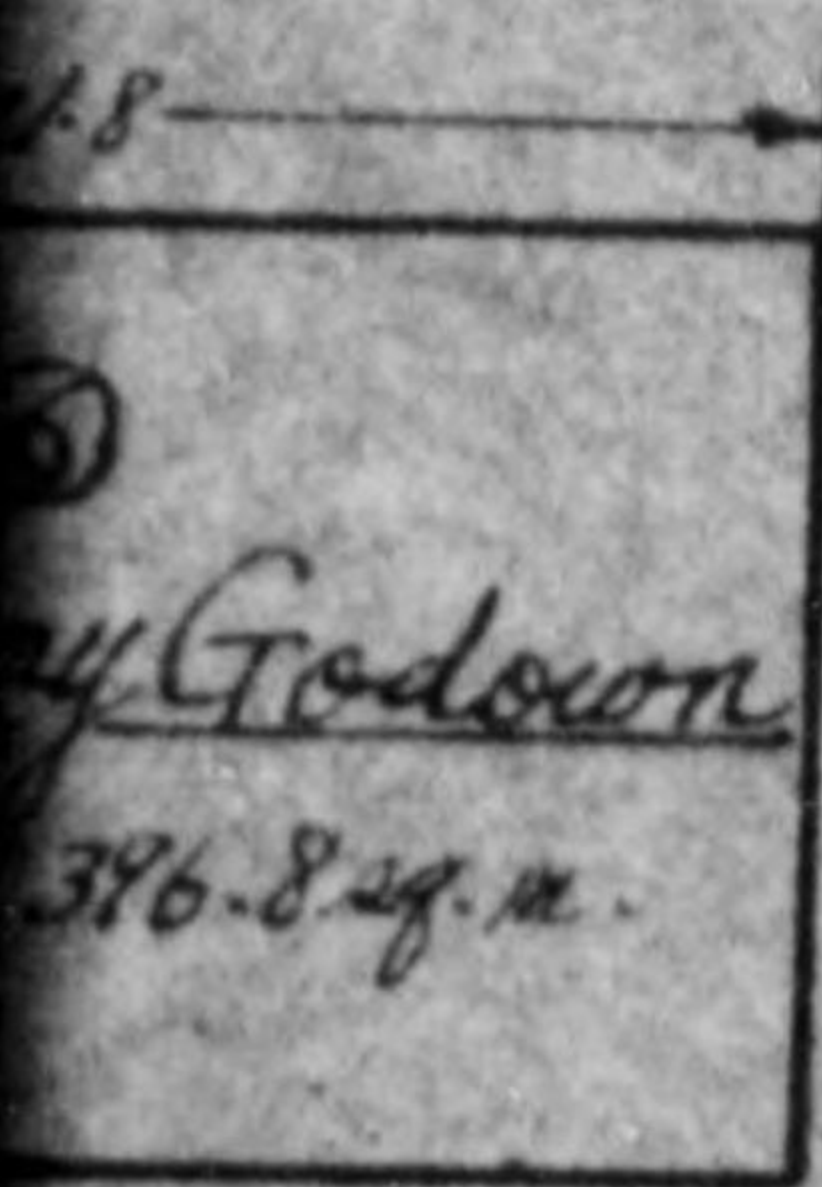
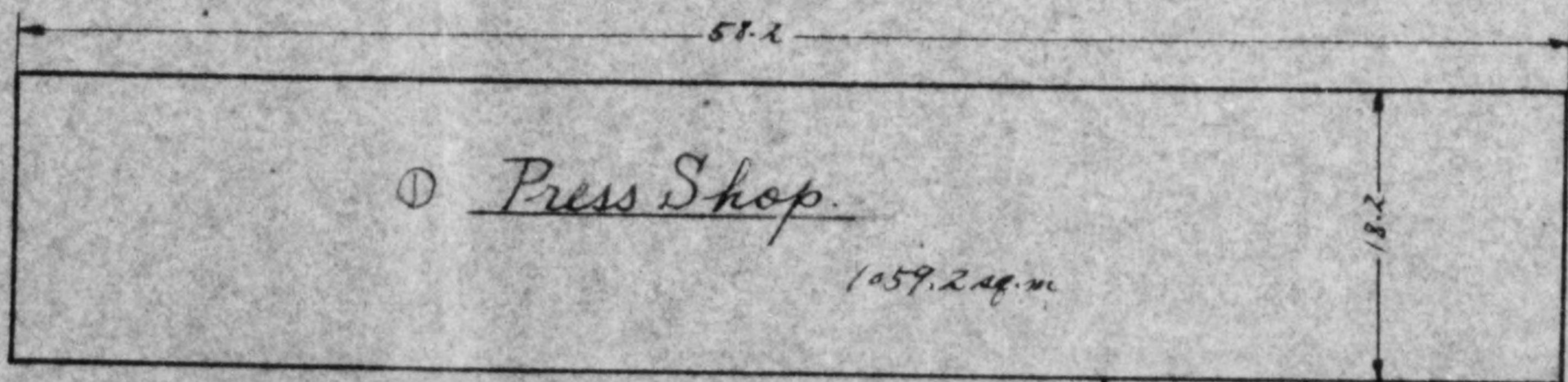
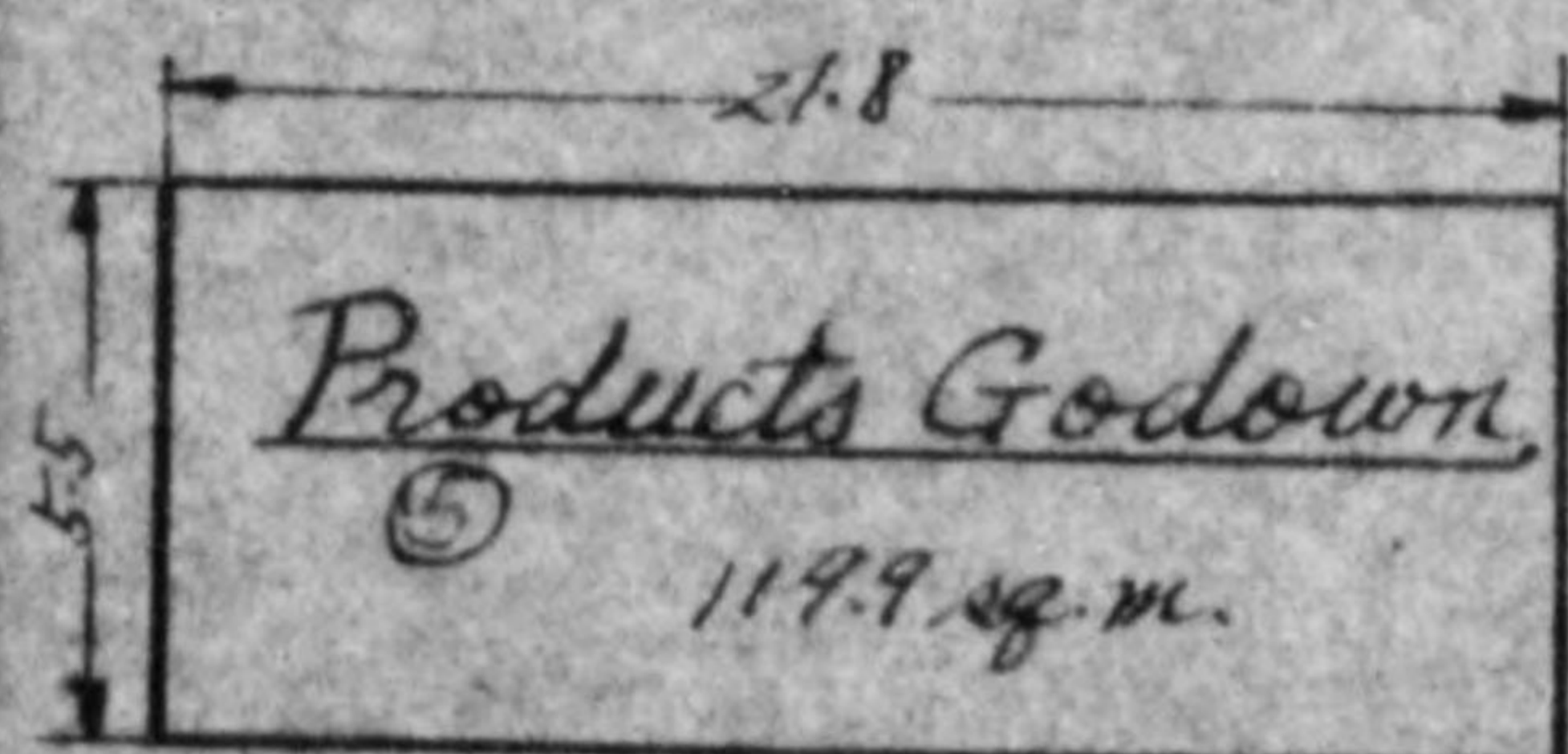
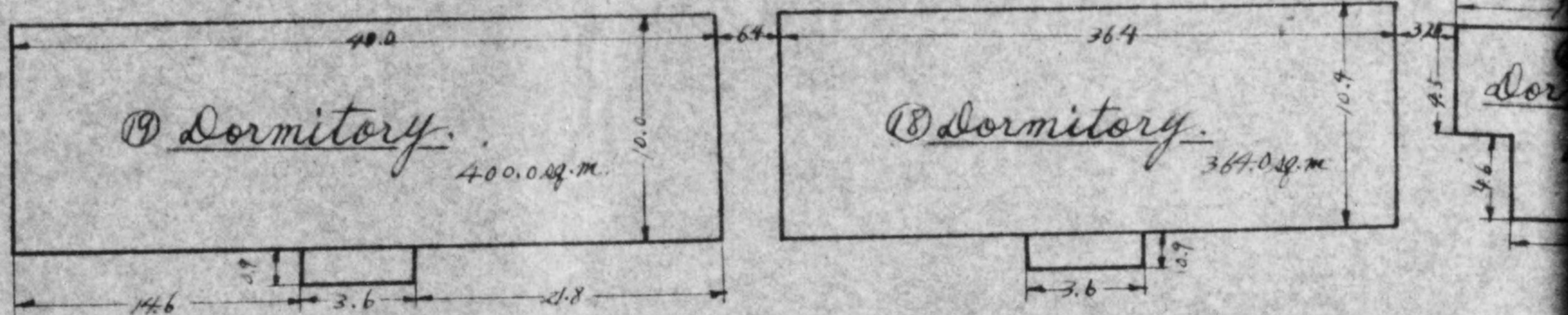
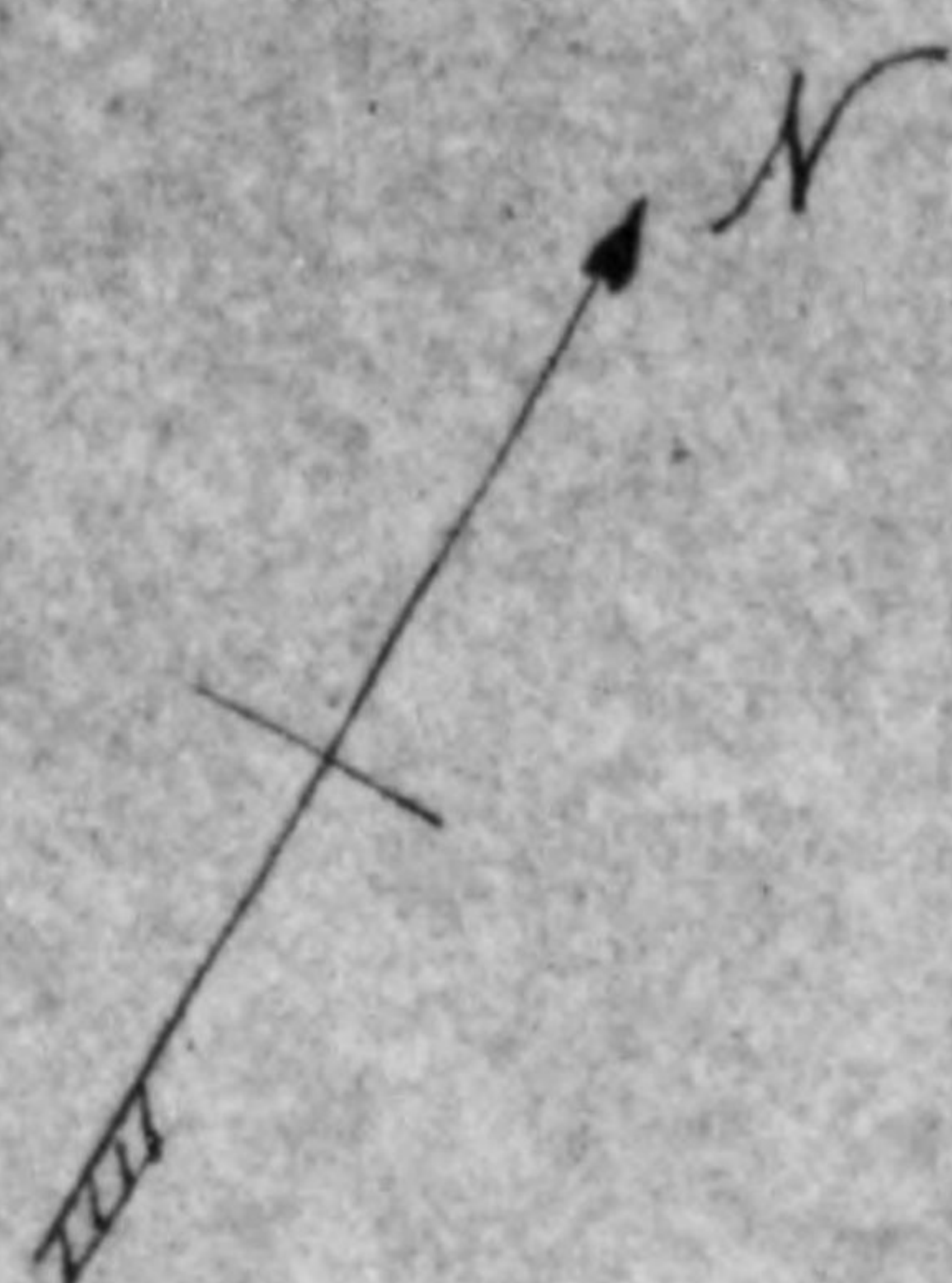
Remarks: Red marks of stored machinery
 (15 units) considered to be the
 minimum required to maintain
 the present level of production.

General

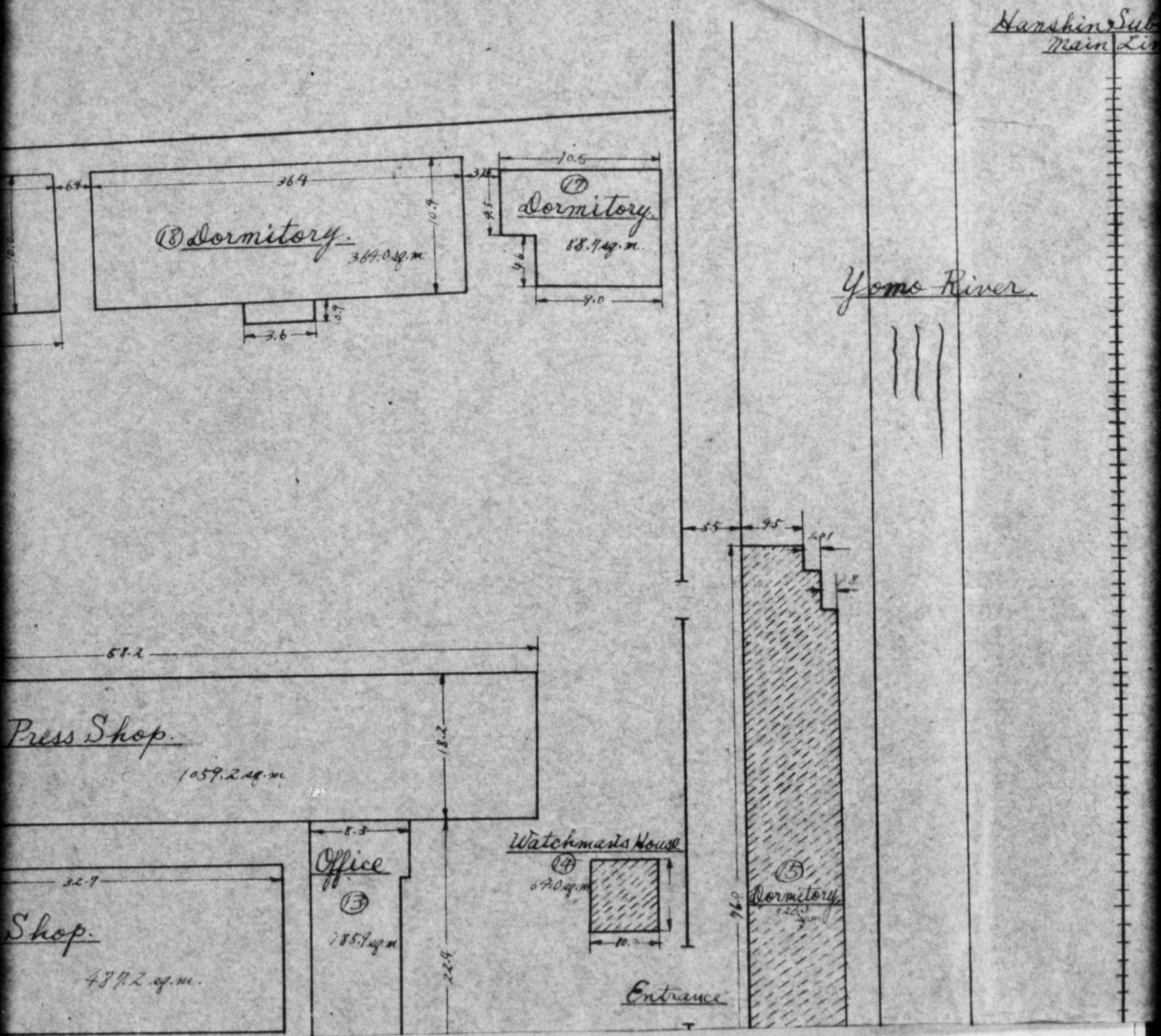


General View of Riken Indu

no. 240, Nishimukojima-cho, Amag



View of Riken Industrial Corp, Amagasaki F
no. 240, Nishimukojima-cho, Amagasaki-shi, Hyogo-ken.



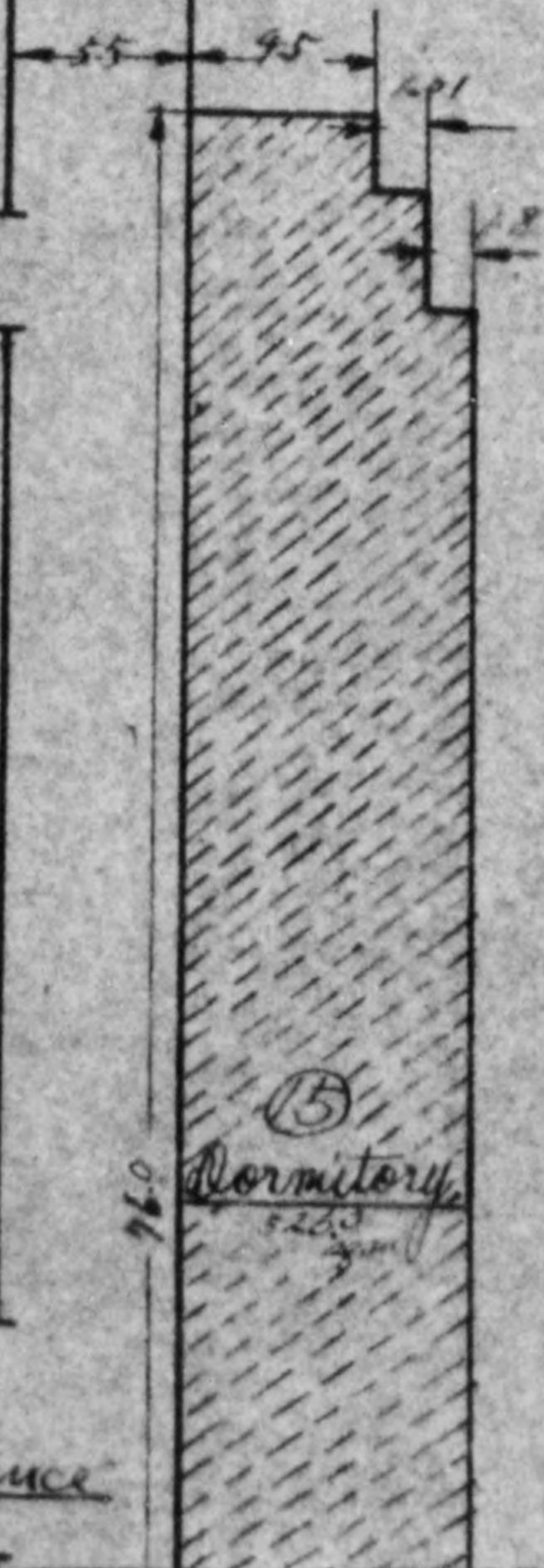
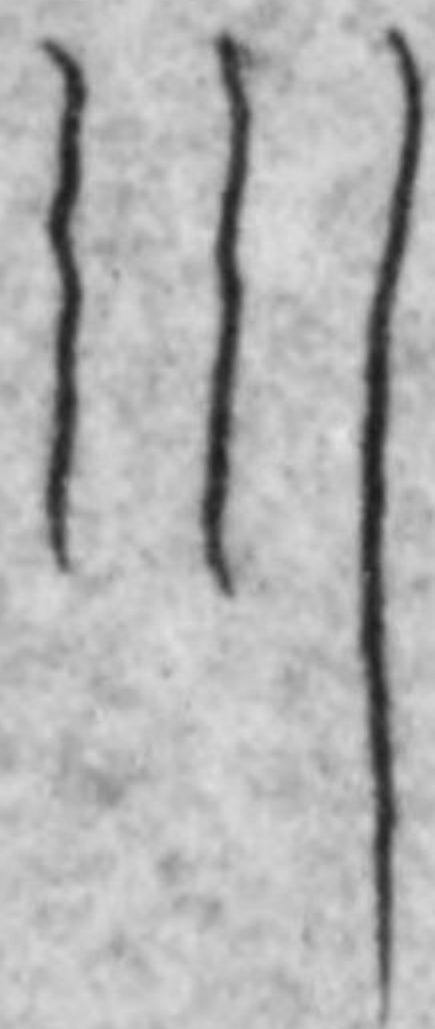
l Corp, Amagasaki Plant.

-shi, Hyogo-ken.

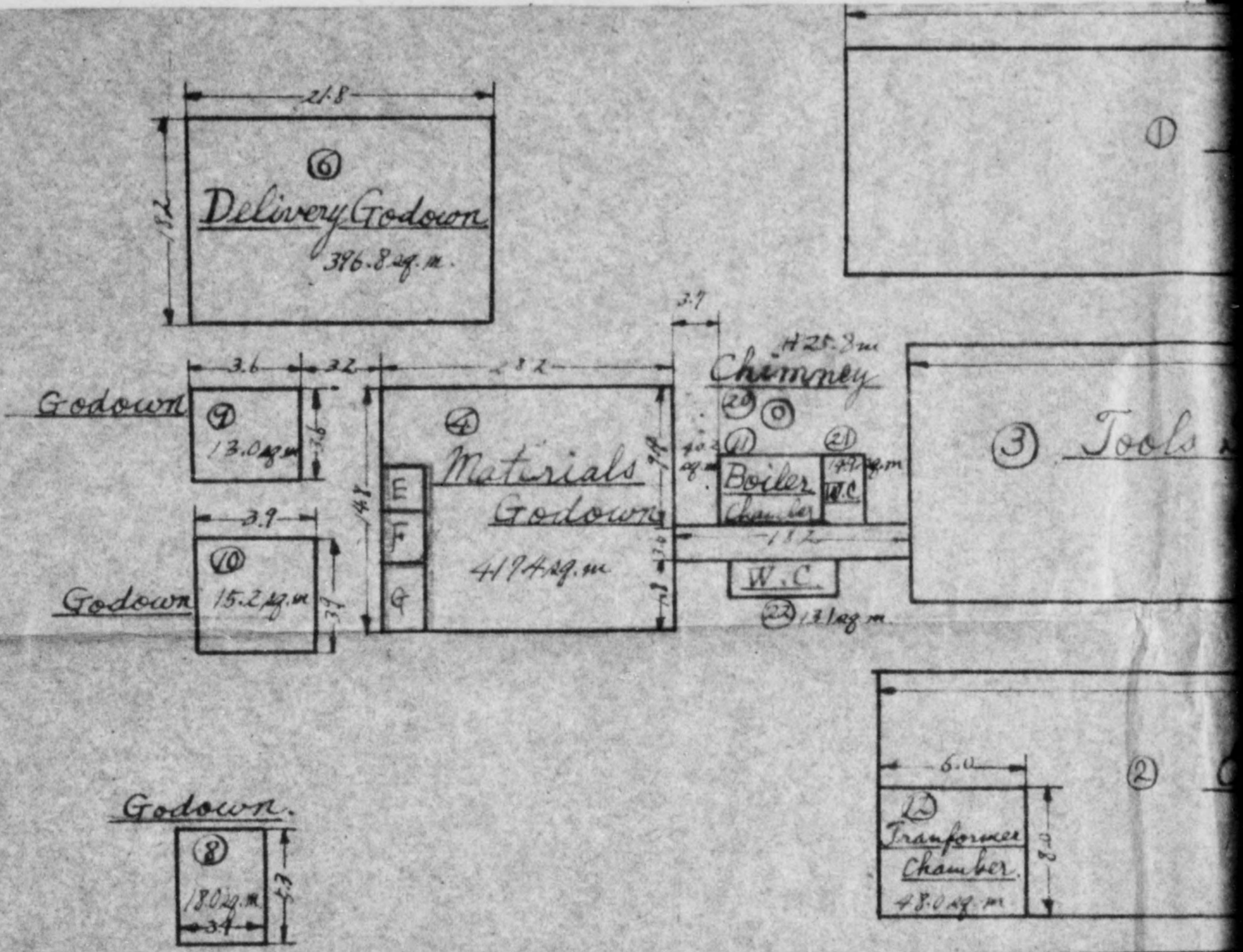
Hanshin Suburban
Main Line.

National Highway
(Osaka-Kobe)

Yomo River

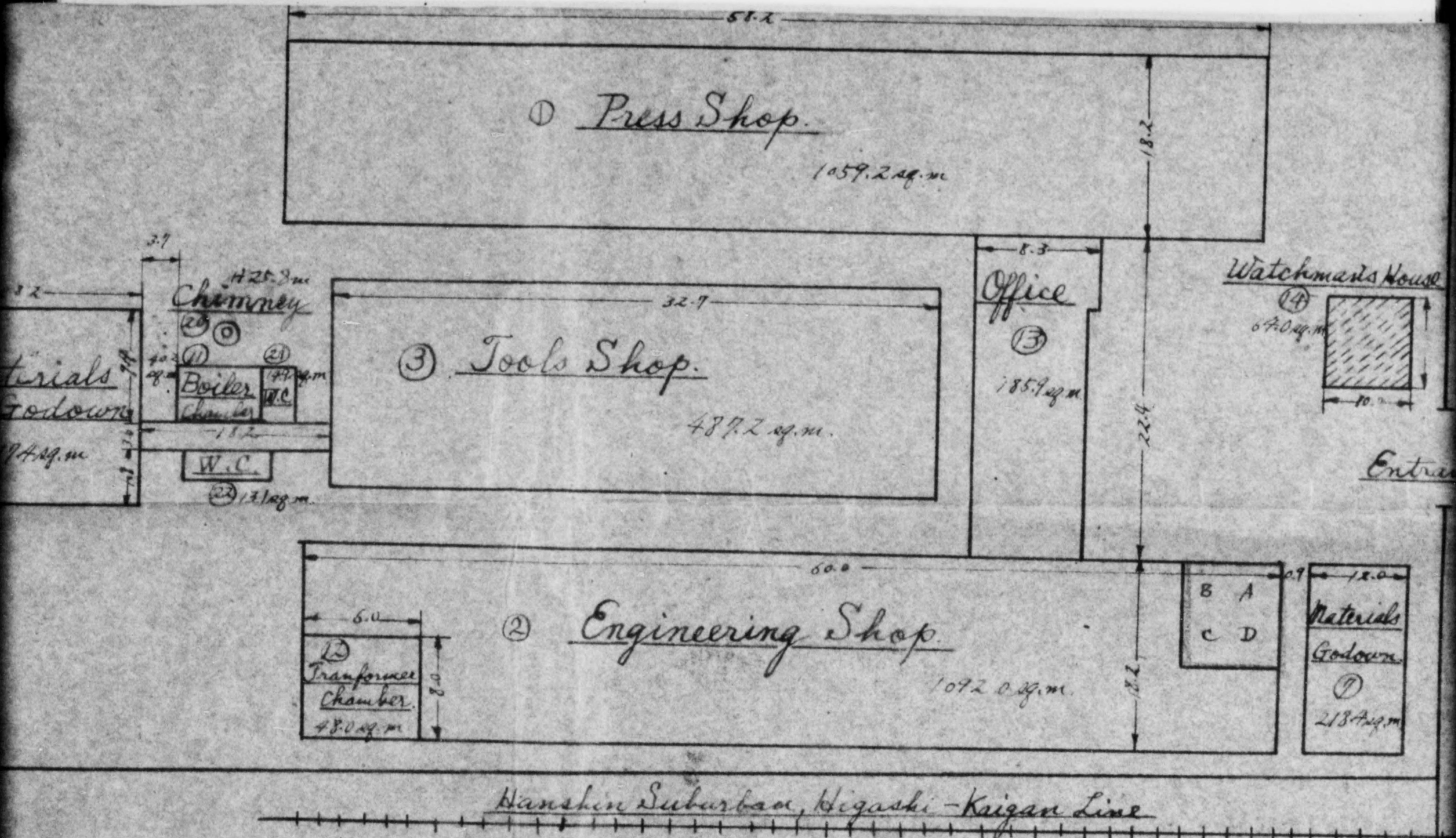


FRANCE



Remarks:

- (a) Measurement in meters.
- (b) Three shops (no. 17~19) are under construction.
- (c) Watchman's house (no. 14) and dormitory defective wiring on Sept. 21, 1946.
- (d) Equipment under custody marked.



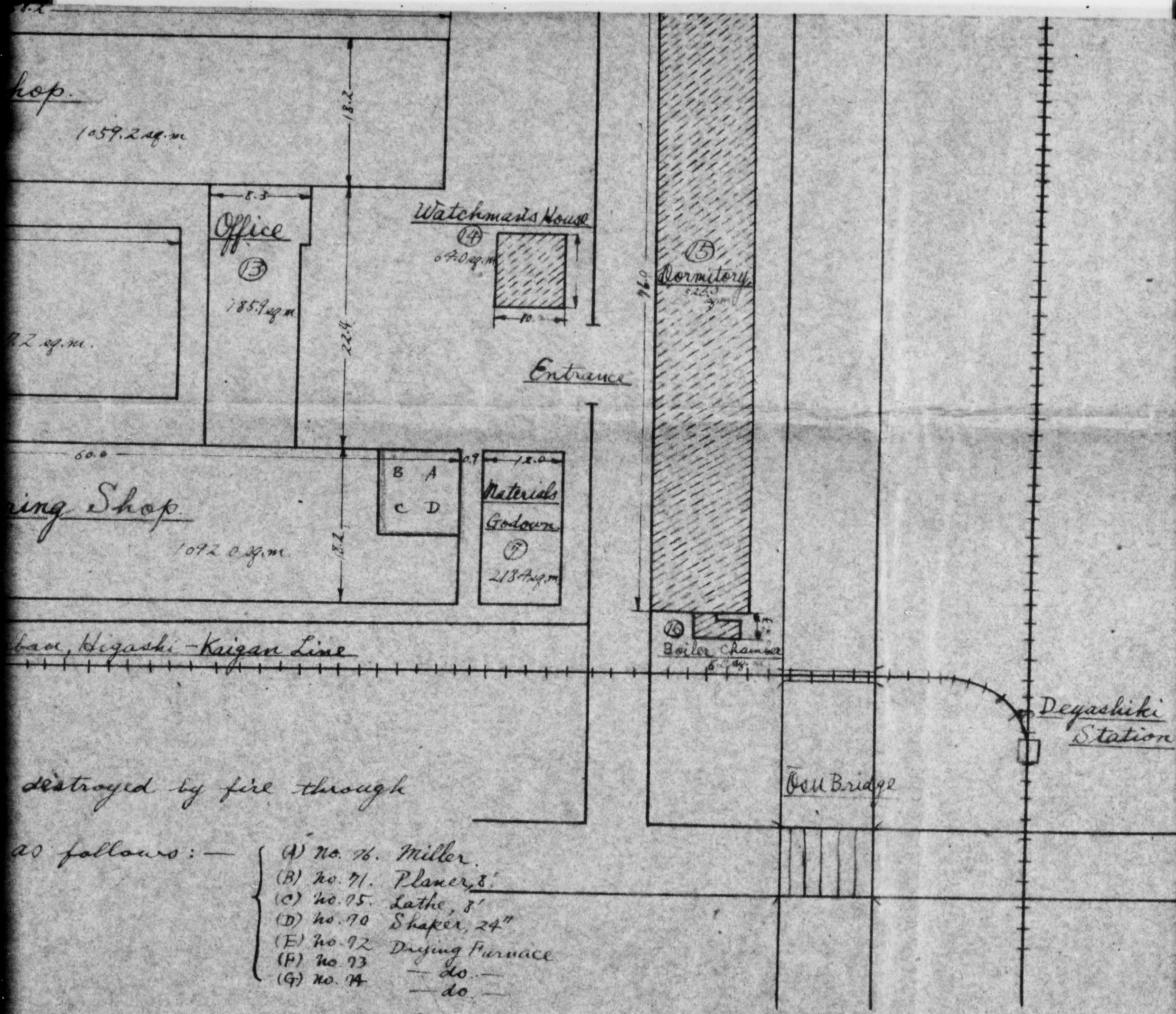
ment in meters.

shops (no. 17-19) are under construction.

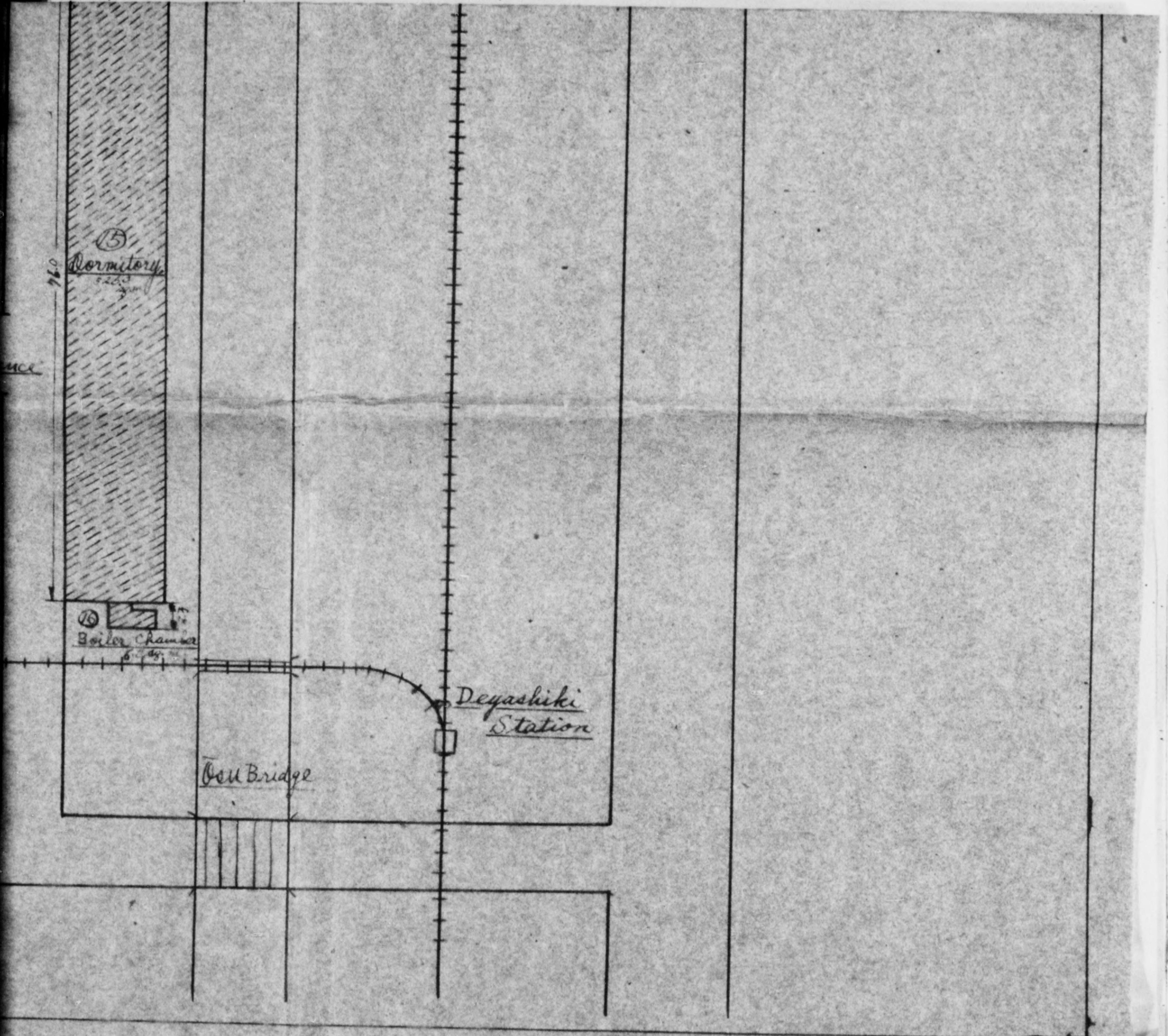
Watchman's house (no. 14) and dormitory (no. 15) destroyed by fire through wiring on Sept. 21, 1946.

Equipment under custody marked in red, as follows:—

- (A) no. 76. Miller.
- (B) no. 71. Planer, 8'
- (C) no. 75. Lathe, 8'
- (D) no. 70. Shaper, 24"
- (E) no. 92. Drying Furnace
- (F) no. 73. — do. —
- (G) no. 74. — do. —



- as follows: —
- (A) no. 76. Miller.
 - (B) no. 71. Planer, 8'
 - (C) no. 75. Lathe, 8'
 - (D) no. 70. Shaper, 24"
 - (E) no. 92. Drying Furnace
 - (F) no. 73. — do. —
 - (G) no. 74. — do. —



775013

FILE

HYOGO MILITARY GOVERNMENT TEAM
APO 317

ABH/d1

P-15

20 November 1946

SUBJECT: Riken Industrial Company - Amagasaki Plant

TO : Commanding General
I Corps
APO 301

1. Reference is made to the following:

a. Letter, this headquarters, same subject,
dated 3 October 1946.b. Letter, this headquarters, same subject,
dated 9 September 1946.

c. SCAPIN-1134.

2. Additional information submitted to this
office by the Central Liaison Office is forwarded
herewith.PETER W. SCOTT
Lt Col Inf
Commanding

3 Incls:

1. Ltr, of Recom.,
Central Liaison
Office.
(5 copies)
2. Ltr, of Recom.,
Adjustment Div.
Min. of Commerce
& Industry.
(5 copies)
3. Application -
Riken Kogyo K.K.
(5 copies)

TO : HEADQUARTERS, HYOGO MILITARY GOVERNMENT TEAM.
FROM : Central Liaison Office, Tokyo.
SUBJECT: Request for Removal of Amagasaki Plant of Riken
Kogyo K.K. from Reparations List.

C.L.O. No. 501 (ECI-P)

28 October 1946

1. Reference: SCAP Memorandum AG 004 (10 Oct 46) ESS/IN (SCAPIN-1258), subject: "Revised Listing of Reparations Selections within Privately Owned Munitions Plants."
2. Herewith is submitted an application of the Ministry of Commerce and Industry on the subject matter.
3. As is stated in detail in the above application, the subject plant was established in 1937 for the purpose of manufacturing steel plate such as steel sashes, steel doors, etc. and was not originally a munitions plant. During the war, while manufacturing the above articles, the subject plant produced torpedo parts and magazines to comply with military orders, using a part of its equipment. After the surrender, the plant was completely reconverted to its proper line of industry and has become an essential plant for the reconstruction of damaged cities.
4. Under these circumstances, it is requested that favorable consideration be accorded by your Headquarters for the exemption of the subject plant from the Reparations List.

FOR THE PRESIDENT:

(K. Asakai)
Director of General Affairs,
Central Liaison Office.

Enclosure: An application of the Ministry of
Commerce and Industry, accompanied
by an explanatory note (in sextup-
licate).

TO: Headquarters, Hyogo Military Government Team.

From: Adjustment Division,
Ministry of Commerce and Industry.

Subject; Application for Exemption from Designation of Reparation
Control to Amagasaki Plant of Riken Industrial Corporation
as privately-owned munitions plants.

1. In regards to those plants as designated for control as privately-owned munitions plants in the directive dated 13 August 1946, we have taken and are also taking actions necessary to assure its satisfactory control and custody, in close connection with organs concerned civil and official.
2. However, Amagasaki Plant of Riken Industrial Corporation is desired to be exempted from the designation for control as well as to be the object of reparation in future after your review on the detailed explanation (annexed paper) due to the fact that this company was not originally established for the purpose of munitions production but only a part of its factory engaged in munitions production occasionally during war.

A. Miki

Director of Adjustment Division,
Ministry of Commerce and Industry.

- (A) Name of Company:
 RIKEN KOGYO KABUSHIKI KAISHA
 (Riken Industrial Corp.)
- (B) Name of Factory:
 Riken Industrial Corp., Amagasaki Plant.
- (C) Address of Corporation and Plant:
 a) Address of Corporation
 5, 3-chome, Hamamatsu-cho, Shiba-ku, Tokyo.
 b) Address of Factory
 No. 270 Nishi Mukojima-cho, Amagasaki City, Hyogo Pref.
 c) Location of Equipment and Machinery:
 Within factory compound of Riken Industrial Corp. Osaka Plant.
 No. 359 Sudeshi Shonai-cho, Toyono-gun, Osaka-fu.
 Above equipment removed therein under permit of Hyogo Military Government Team, dated March 15, 1946. At present engaged in the manufacture of civilian goods.
- (D) Date of Establishment of Corporation and Factory
 a) Corporation ----- March, 1934
 Riken Industrial Corp.
 b) Factory ----- April 1937, as plant of Riken Kozai K.K.
- (E) History of Factory
 The factory in question was established in April 1937 at the foregoing address, as a plant of the Riken Kozai K.K. for the purpose of manufacturing steel sashes, steel doors, operators, charcoal gas generators, etc.
 Actual operations were commenced in 1938.
 In July 1941, as a result of the merger of Riken affiliates, the foregoing plant became known as the Riken Industrial Corp., Amagasaki factory. Due to the scarcity of manufacturers in the above lines in the Kinki district, the factory always vied honours for top position among member companies of the Nippon Sash Regulating Company. However, the factory suffered heavily from floods and storms in the years 1944 and 1945 and accordingly it was decided to transfer the equipment to the Osaka Plant. The necessary permit having been obtained from the 31st Military Government Team, Hyogo, under date of March 15, 1946 (see attached copy), the major portion of the equipment was removed to the Osaka Plant, where it has been engaged in the production of the above goods, as follows:
- (F) Item and quantity of production for each year between 1934 and 1936.

	<u>Production</u>	<u>Quantity</u>
1934)		
1935)	nil	nil
1936)		

26400

(G) Item and quantity of production for each year between 1937 and 1945.

	<u>Production</u>	<u>Quantity</u>
1937	Steel sashes	20,000 sets
1938		Riken Kozai K.K.
1939	" "	40,000 sets
		Riken Kozai K.K.
1940	" "	33,000 sets
		Riken Kozai K.K.
1941	" "	25,000 sets
		Riken Industrial Corp.
1942	Steel doors (for interior of steamships)	6,300 units
	Gas generators	20,000 units
	Steel sashes	2,300 sets
1943	Steel doors (for interior of steamships)	5,500 units
	Torpedo parts	42,437 units
	Steel sashes	2,998 sets
	Gas generators	4,549 units
	Miscellaneous	299 units
1944	Steel doors (for interior of steamships)	9,706 units
	Torpedo parts	6,427 units
1945	For ship interior equipment-----	
	Steel cases, magazines, Steel doors etc.	448 units
	Torpedo parts	2,987 "
	Magazines	30,767 "
	Steel sashes	129 sets
	Frying pans	9,404 units
	Flat hoes	9,233 units

(H) Item and quantity of production after the war.

a) Monthly output of production for civil industry after conversion

1945-October

Frying pans 900 units
Flat hoes 1,529 "

1945-November

Frying pans 3,630 "
Flat hoes 2,335 "

1945-December

Frying pans 1,813 "
Chinese style pans 1,284 "
Flat hoes 5,369 "

1946-January

Chinese style pans 1,777 "
Oil tanks 5 "
Steel sashes 11 "
Gallery vanes 1 "

440600
28500
469100

- 3 -

1946 - February	
Can openers	396 units
Chinese style pans	956 "
Steel sashes	21 sets
Flying pans	1,520 units
Fire tongs	1,233 "
Gallery vanes	1 "
Oil tanks	1 "
Sundry kitchen utensils	96 "
1946 - March	
Chinese style pans	245 "
Frying pans	149 "
Fire tongs	13 "
Sundry kitchen utensils	45 "
1946 - April	
Frying pans	30 "
Chinese style pans	4 "
1946 - May	
Chinese style pans	2 "
Hoes	42 "
Frying pans	1 "
Fire tongs	1 "
1946 - June	
Hoes	1 "
Chinese style pans	3 "
Hob-nails	27,270 "
Bicycle trailer parts	4,500 "
Steel sashes	100 "
1946 - July	
Hob-nails	22,774 units
Bicycle trailer parts (a)	4,550 "
" " " (b)	13,867 "
Scythes	200 "
Portable ovens	64 "
1946 - August (1st-10th)	
Hob-nails	11,386 units
Bicycle trailer parts	9,208 "
Scythes	100 "
Portable ovens	31 "

Remarks:

(a) From the above it will be noticed that there was a heavy drop in production figures after March of this year. This was due to temporary stoppage of operations to enable removal of equipment to the Osaka Plant. On resumption of operations at the Osaka Plant, the factory turned out 589 sets of steel sashes, and 30 steel doors for delivery to the Japan Red Cross which has been requisitioned by the Occupation Forces. The factory continues to manufacture refrigerator parts (also for delivery to the Occupation Forces), as well as civilian commodities in general.

(2) Our application for permission for reconversion was granted by the 6th Army on 15 Dec. 1945, File No. 336.

(b) Future production goal

(Pending reconversion permission, or under consideration)

In the case of this factory, reconversion to civilian production has been comparatively easy, as there were practically no alterations or expansions for military needs.

Below are given the production plans covering a one year period.

1) First Stage Sept. 1946 - March 1947

<u>Items</u>	<u>Quantity</u>	<u>Amount</u>
Steel Sashes	} 150 sets	¥ 225,000
Steel Doors		
Lockers(Duralmin, single)		

2) Second Stage April 1947 - Sept. 1947

Steel sashes	} 300 sets	145
Steel Doors		¥ 450,000
Lockers(Duralmin, single)		300 sets

(I) Outline of Equipment

As already explained in the foregoing lines the Amagasaki Plant equipment was removed to Osaka, Oita, Kazo Plants with the permission of the 31st Military Government under date of March 15, 1946, as the plant suffered repeated damages from tidal waves.

Remarks: Address - (1) Osaka Plant

No. 359, Sudoshi, Shonai-cho, Toyono-gun, Osaka-Fu.

(2) Oita Plant

No. 2,939, Kanaike-cho, Oita-city, Oita-pref.

(3) Kazo Plant

No. 538, Kazo-cho, Kitasaitama-gun, Saitama-pref.

a) Outline of machinery equipment necessary for peace time production classified according to sort of shop

Sort of shop	Machinery Equipment			Total
	Machine tools	Electric machines	Machinery for industrial use	
Osaka Plant Press shop	3	3	14	20
Osaka Plant Forging shop	8	5	2	15
Oita Plant	1			1
Kazo Plant	2			2
Total	14	8	16	38

- 5 -

- b) Outline of machinery equipment unnecessary for peace time production classified according to sort of shop.

Sort of Shop	Machinery Equipment			Total
	Machine Tools	Electric Machines	Machinery for industrial use	
Amagasaki Plant	4		3	7
Osaka Plant Forging Shop	23	7	4	34
Total	27	7	7	41

- (J) Quantity of Principal products per month and their percentage to that of Japan.

Items	Total Quantity of Japan	Quantity of this Plant	Percentage
Steel Sashes Steel Doors	} 3,000 uts. (approx. 300 units)		10 %
Lockers (Duralmin)			

- (K) Reason for Retention.

- This factory was established in April 1937 for the purpose of manufacturing steel sashes, steel doors, etc. Due to the scarcity of manufacturers in the above lines in the Kinki district, the factory always wies honours for the position among member companies of the Nippon Sash Regulating Company.
- Any remarkable extention has not been made to the pre-war installation of the plant which was originally intended for peace time industry. No machinery which were designed for making munition only, were installed during the war.
- After the war, with authorization of SCAP, this plant came back to the peace-time manufacturing of Steel Sash and Steel doors. These products are indispensable for the recovery of Japanese architectural industry.

31ST MILITARY GOVERNMENT
HEADQUARTERS & HEADQUARTERS COMPANY
APO 660 (Kobe, Honshu)

15th March 1946.

SUBJECT: Application for Removal of Machinery & Factory

To : Riken Industrial Corporation, Amagasaki City

1). Your application to remove your factory to Osaka Prefecture is approved.

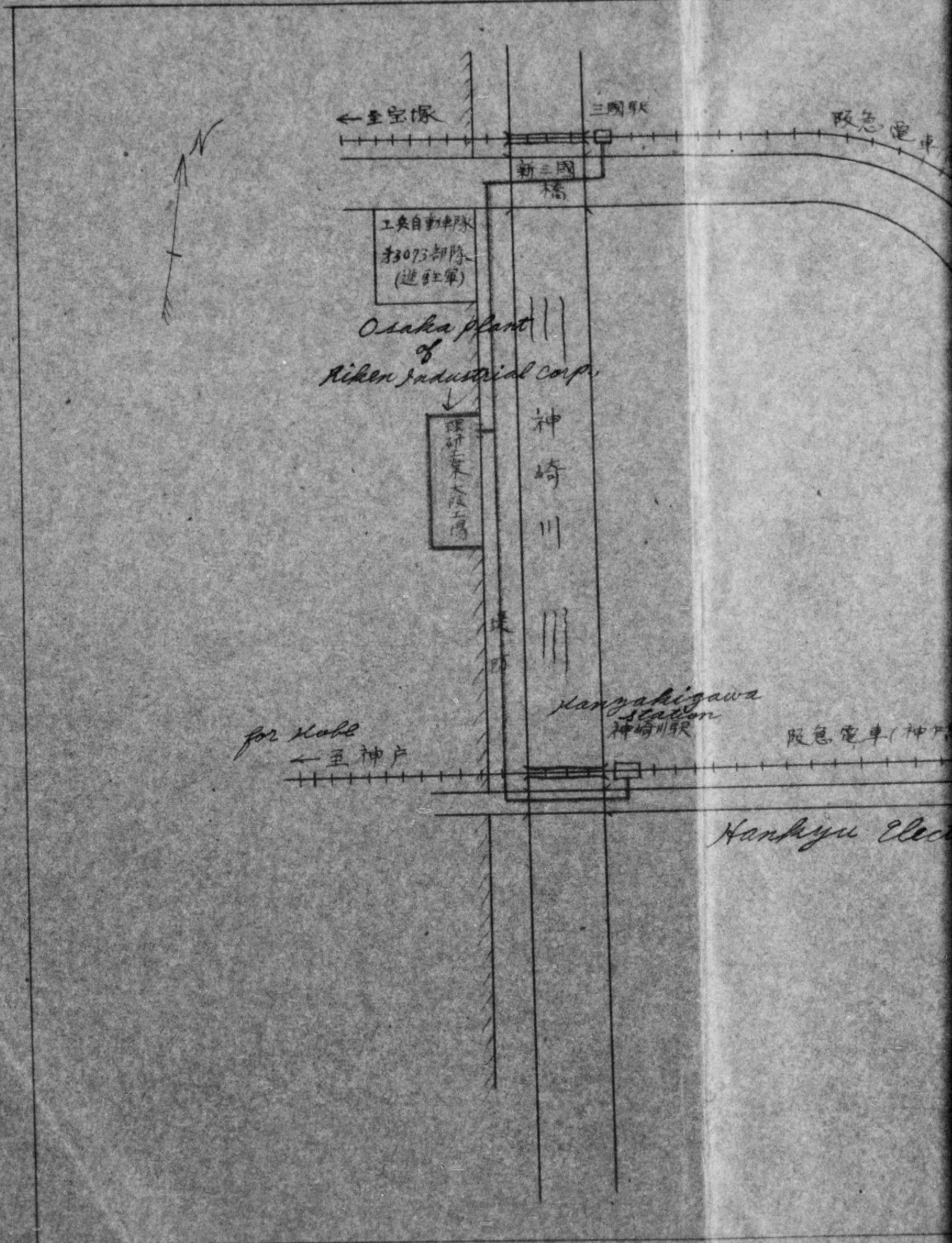
2). Only machineries as per attached lists will be moved. A weekly report will be submitted to this office stating the progress of removal of machineries.

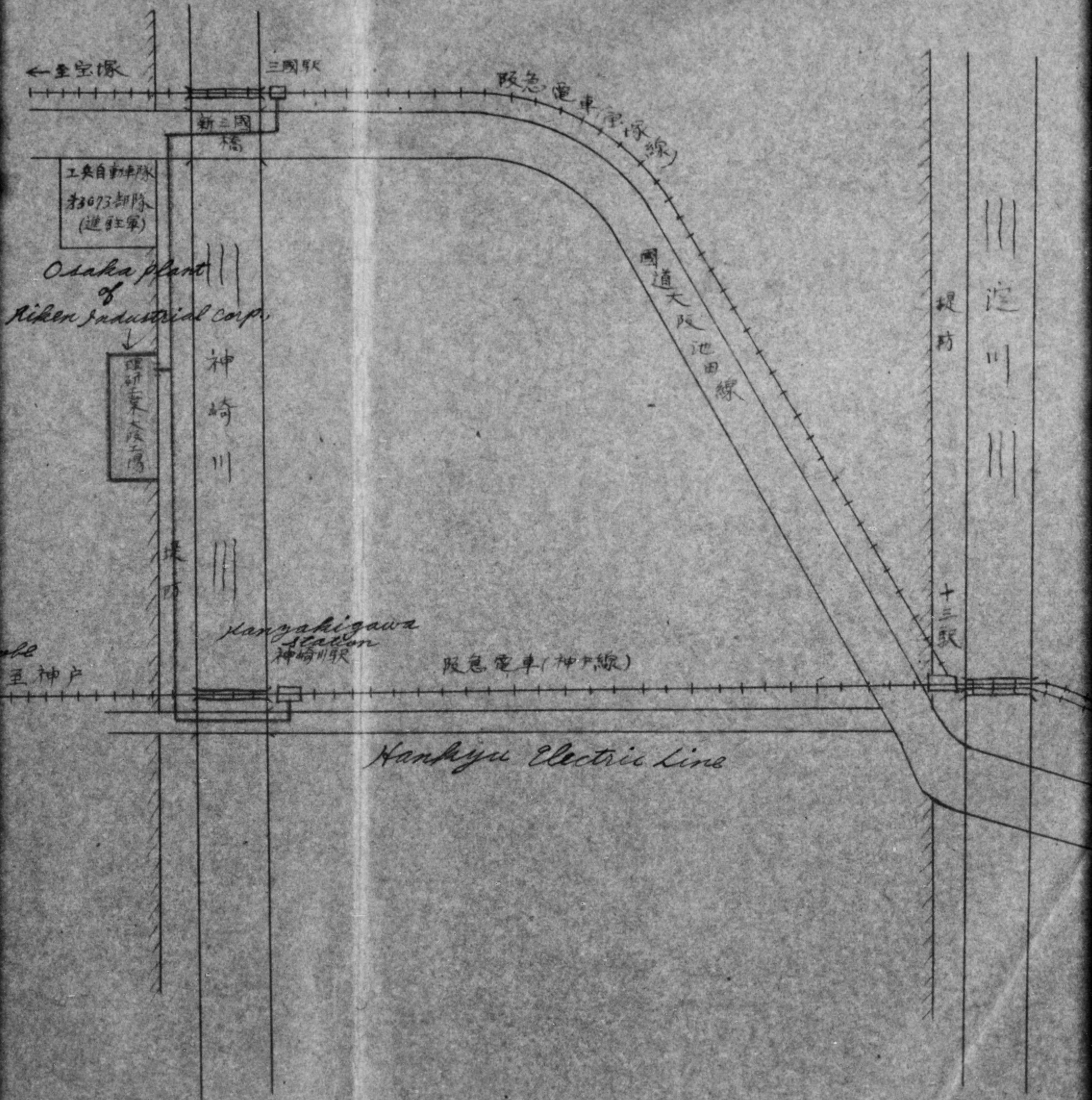
3). Present reconversion permit will not be valid in Osaka Prefecture. It will be necessary for you to file a new application to operate, upon completion of removal of machinery.

2 Incls.

1. Application for permission to move.
2. List of machinery.

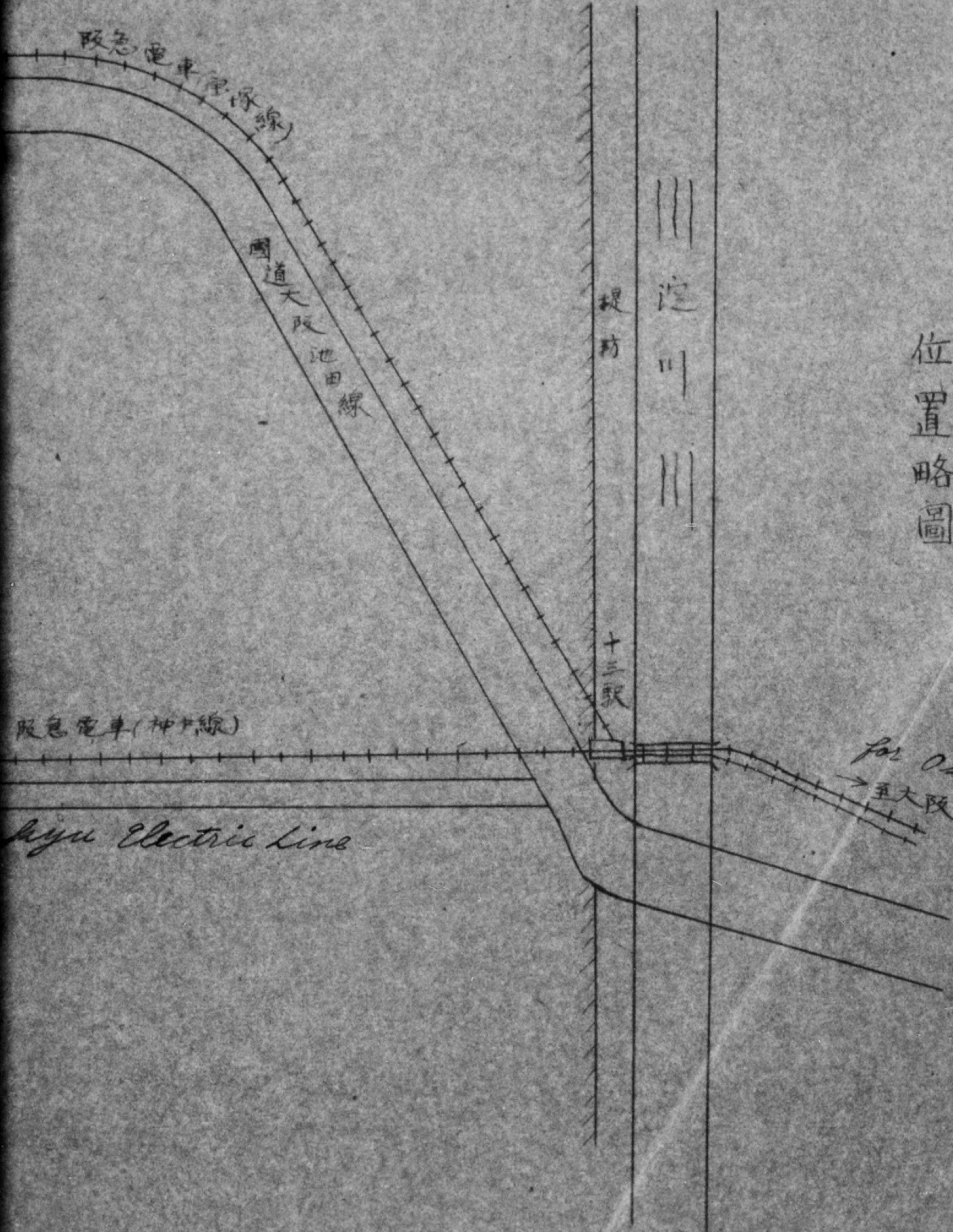
PETER W. SCOTT
LT Col. Infantry
Commanding





5-1

大阪府豊能郡庄原町洲到止三五九
理研工業株式會社 大阪工場
位置略圖



堤防

淀川

十三駅

for Osaka
→ 至大阪

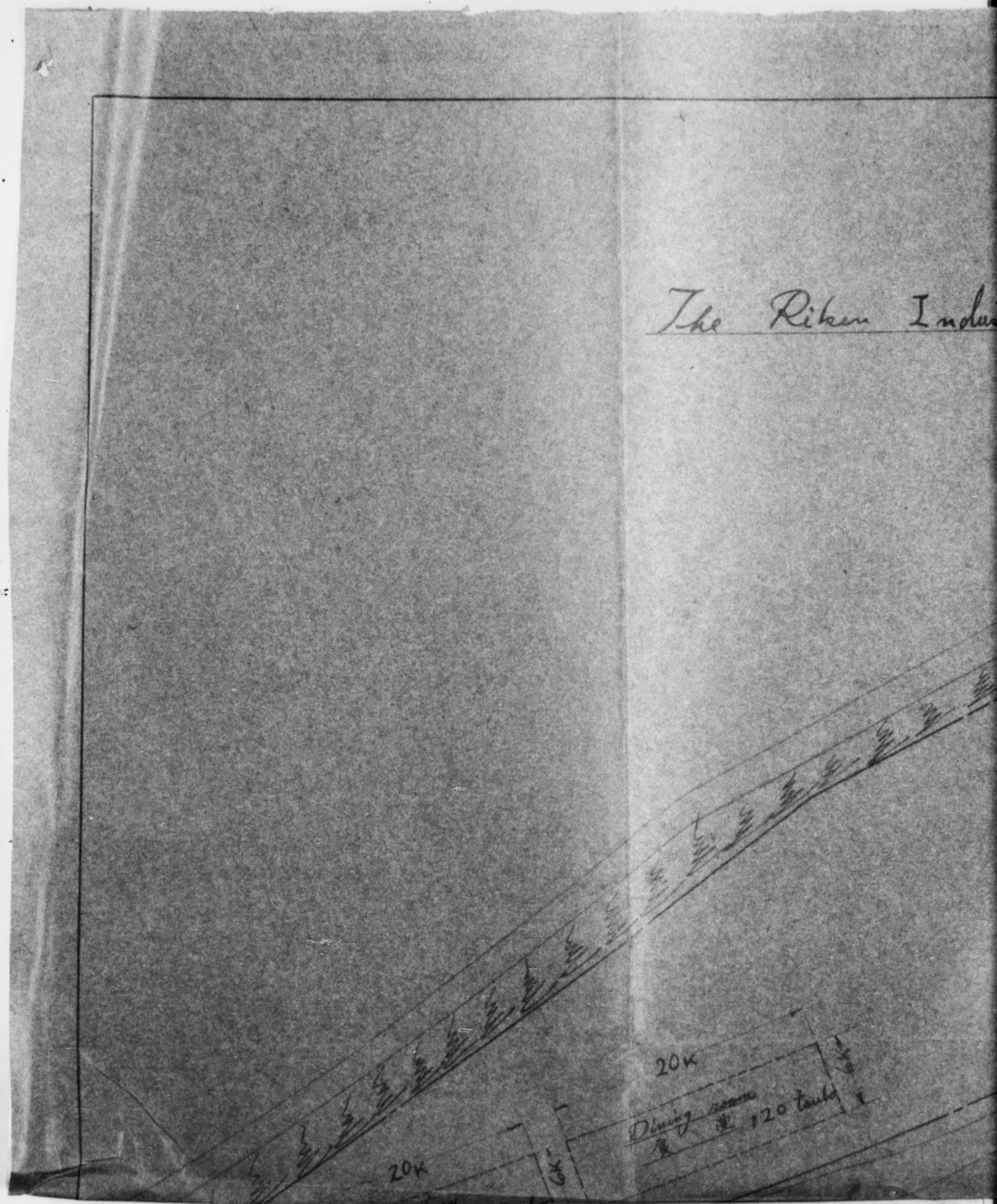
阪急電車(神戸線)

Ayu Electric Line

國道大阪池田線

775013

The Riken Industries

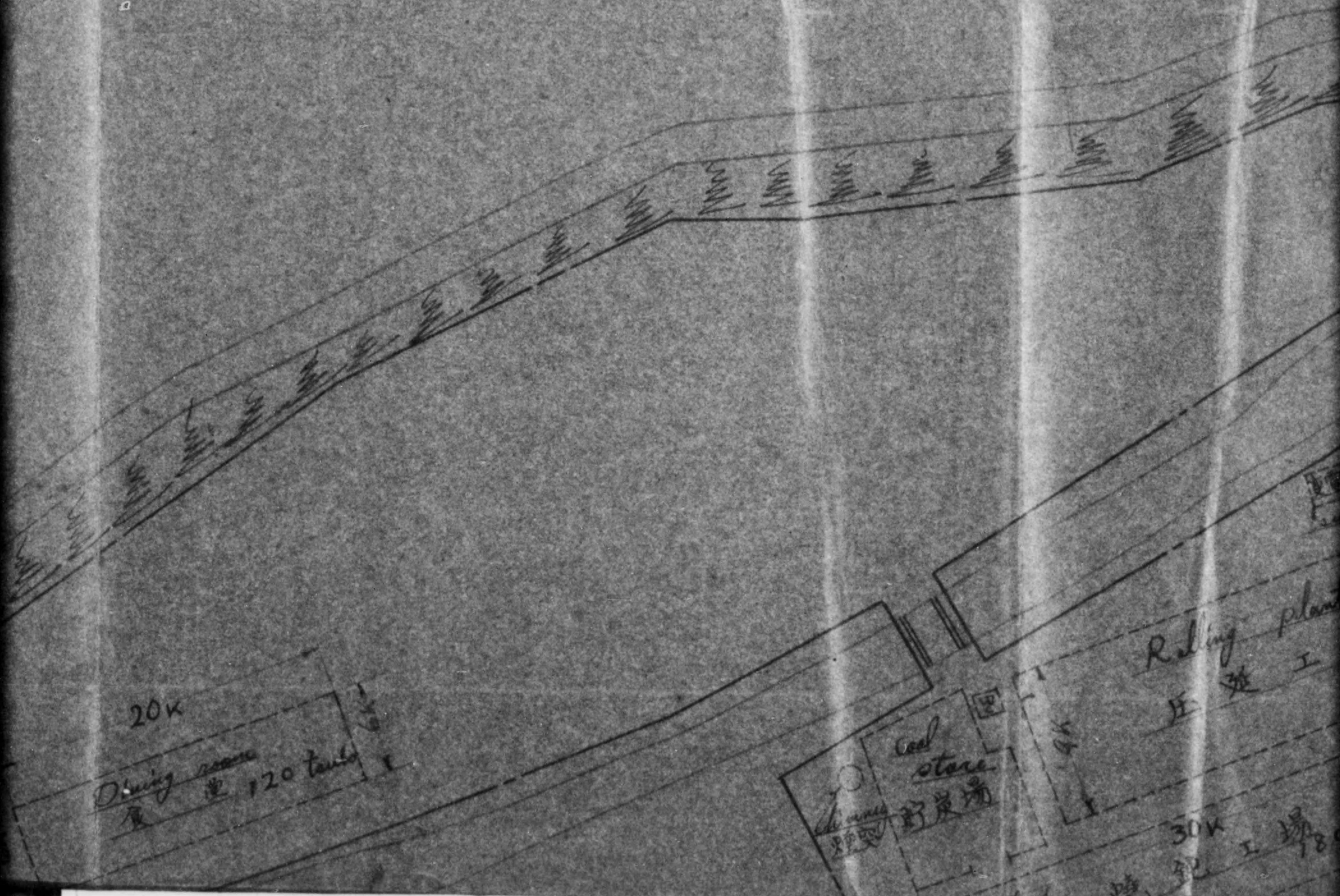


20K

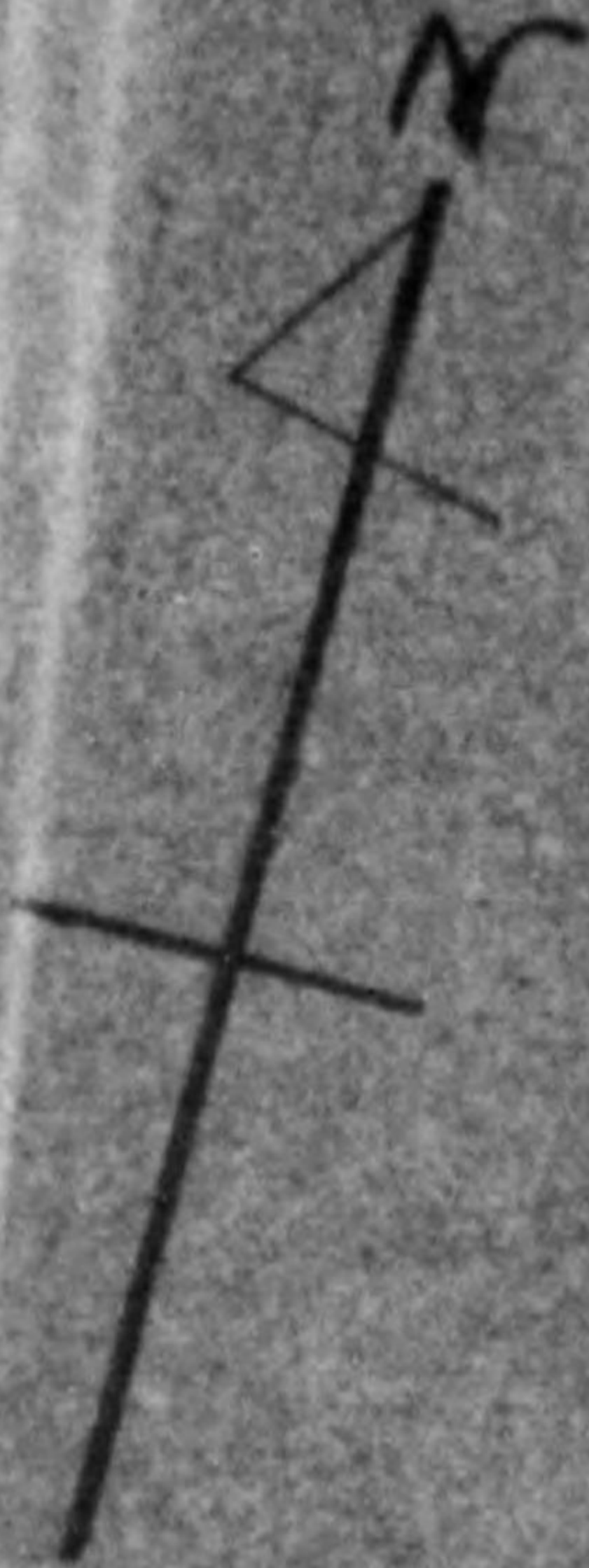
20K

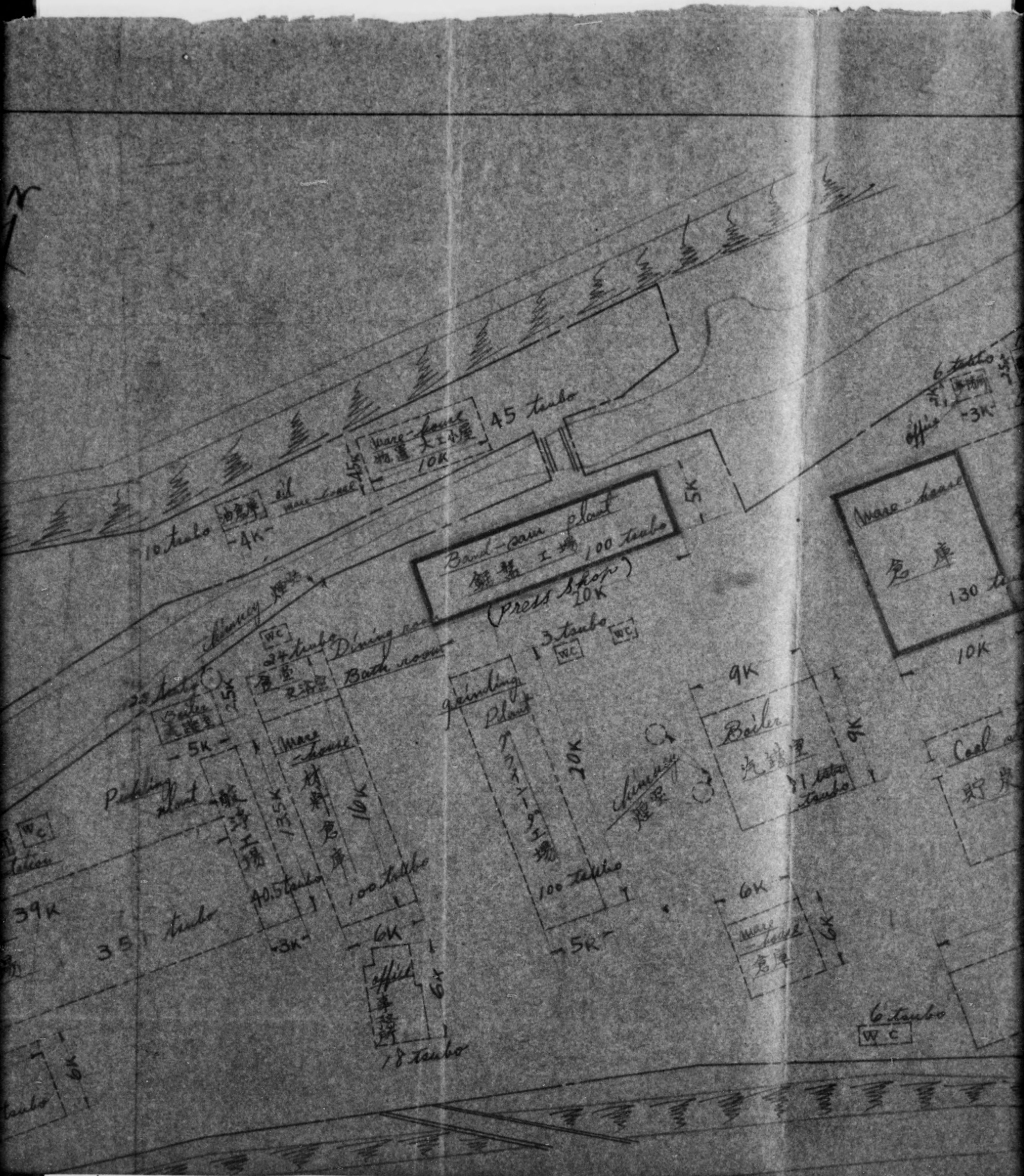
Dining room
食堂 120 seats

The Riken Industrial Corp., Osaka Plant

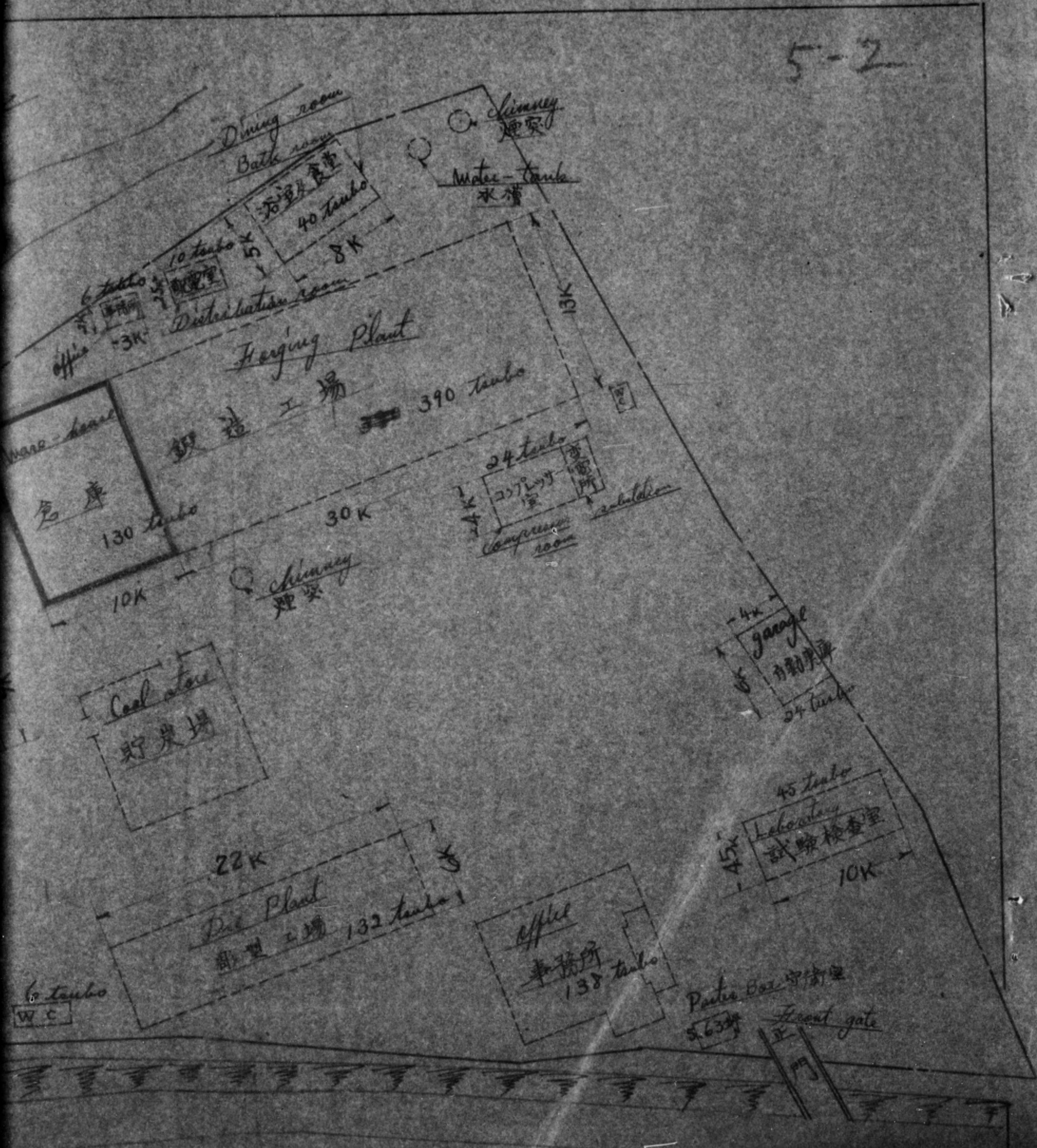


Corp; Osaka Plant

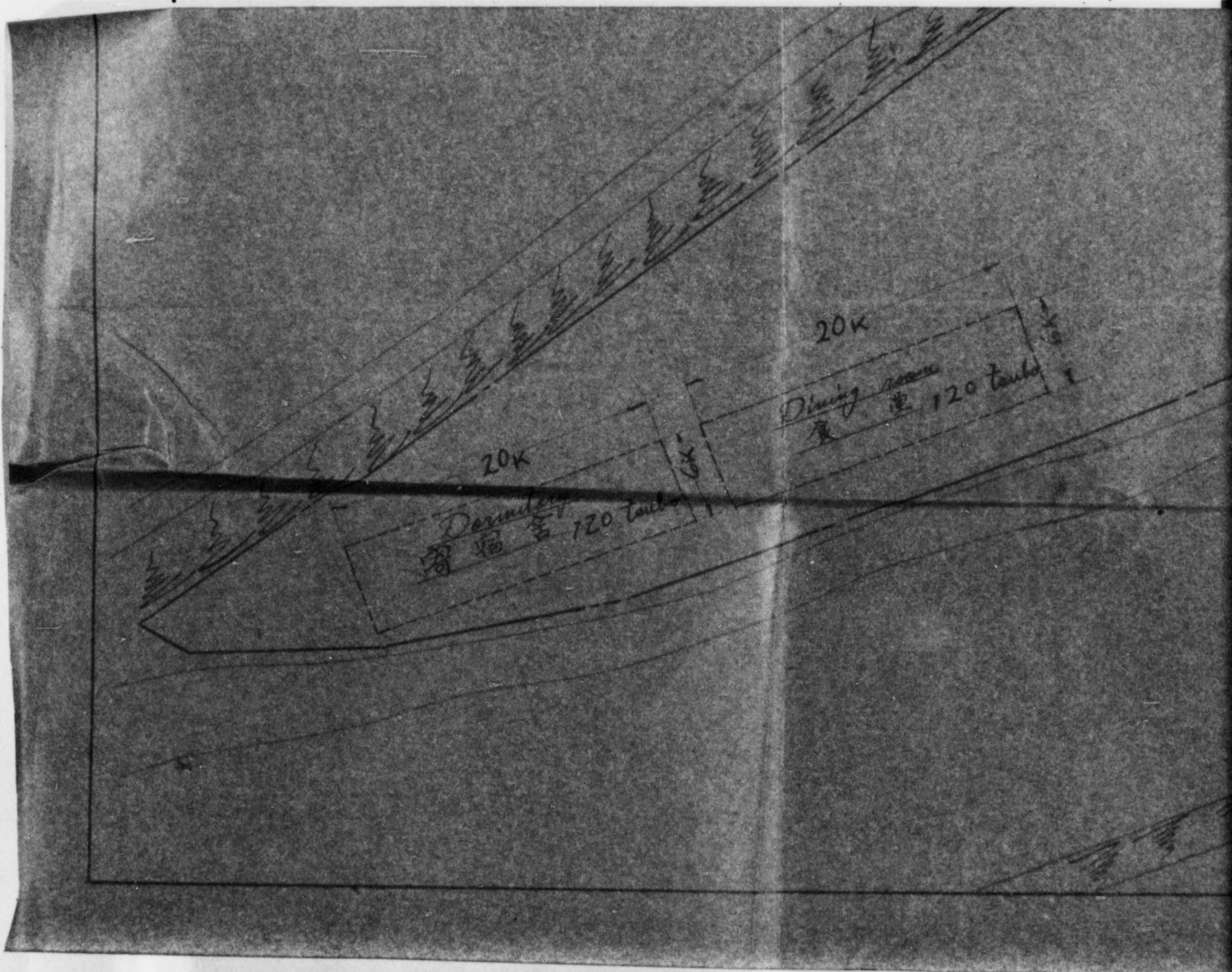




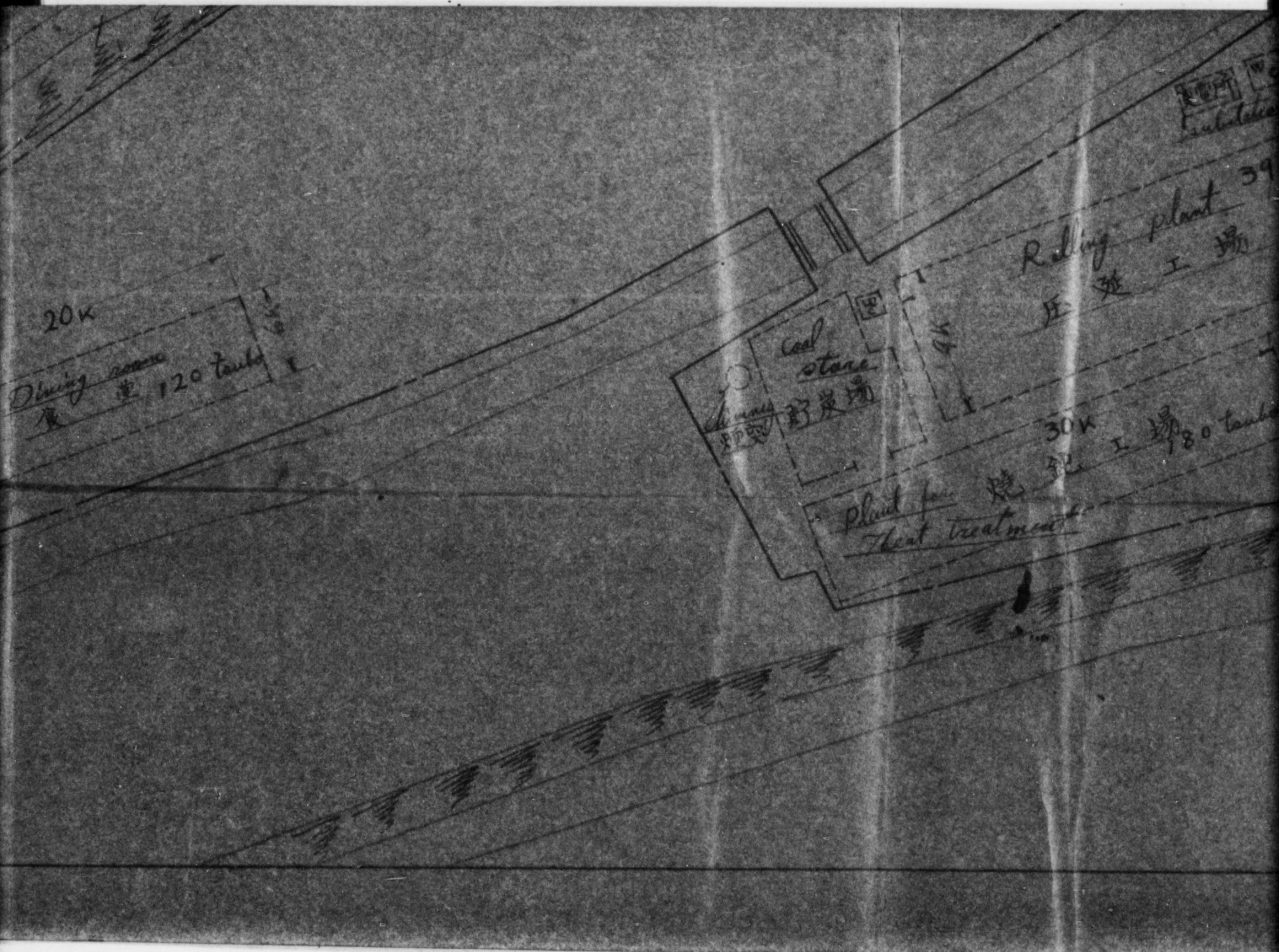
5-2

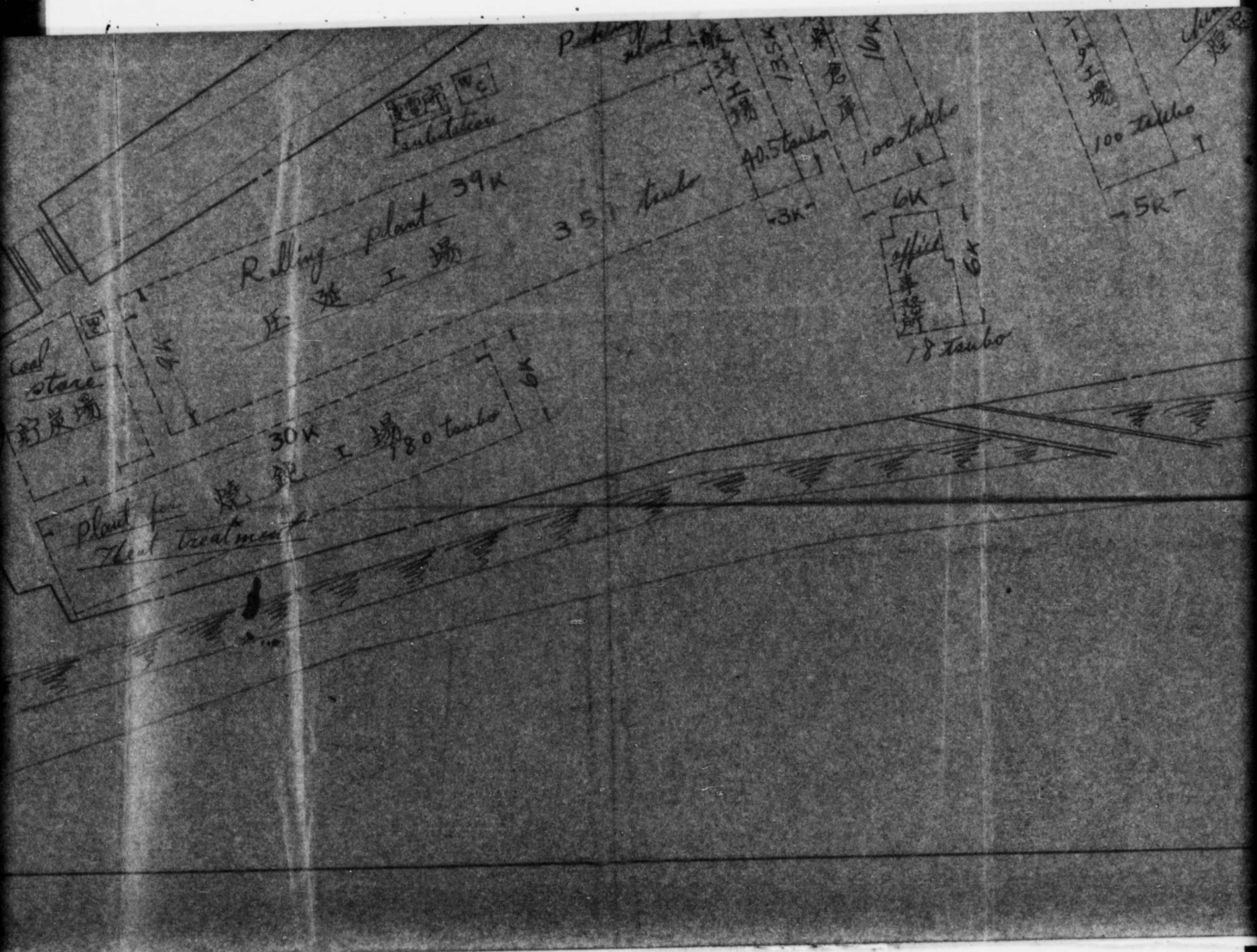


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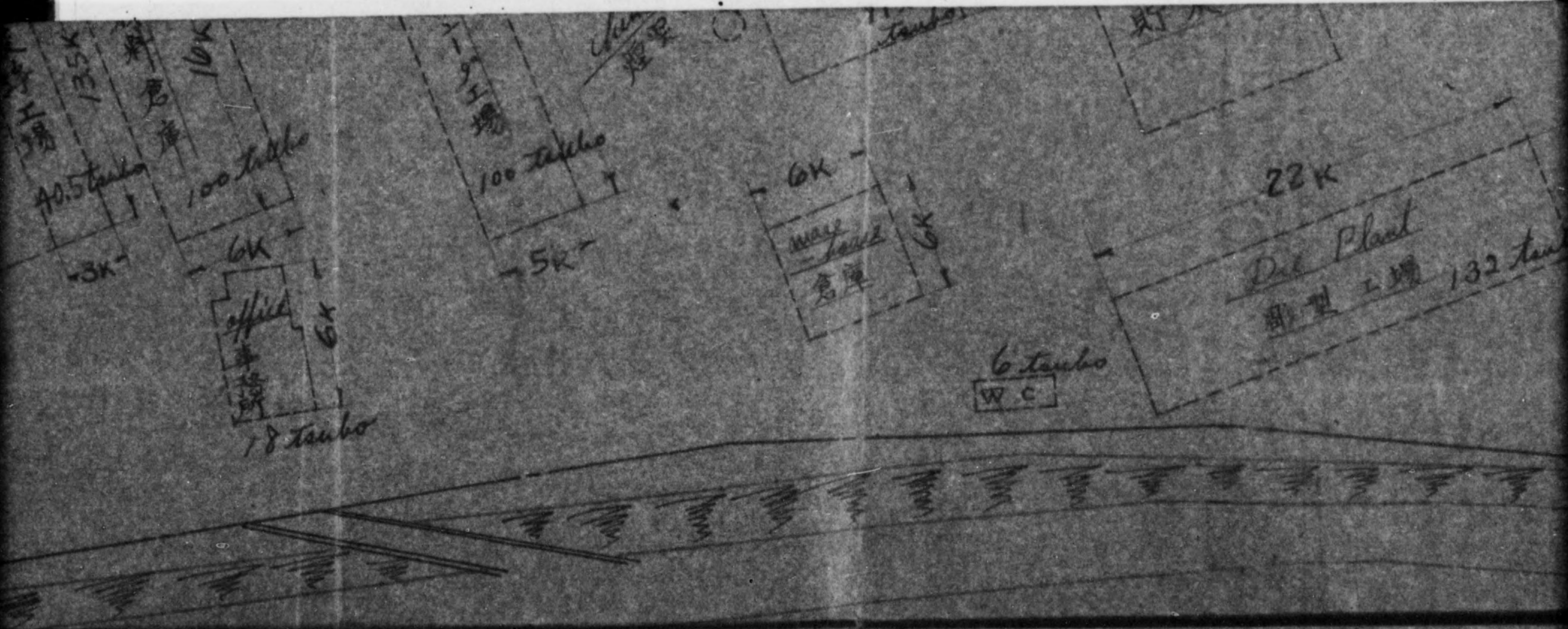


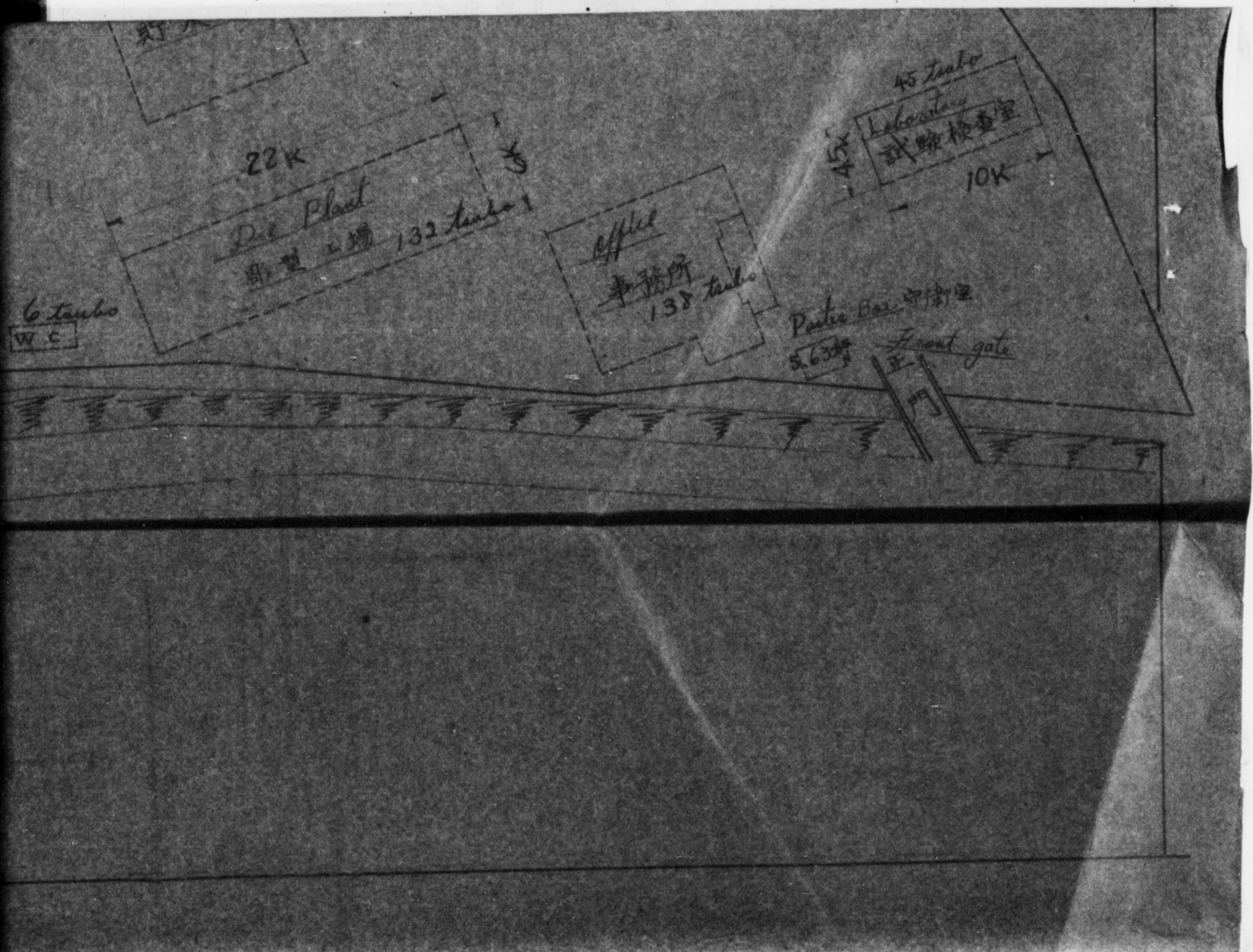
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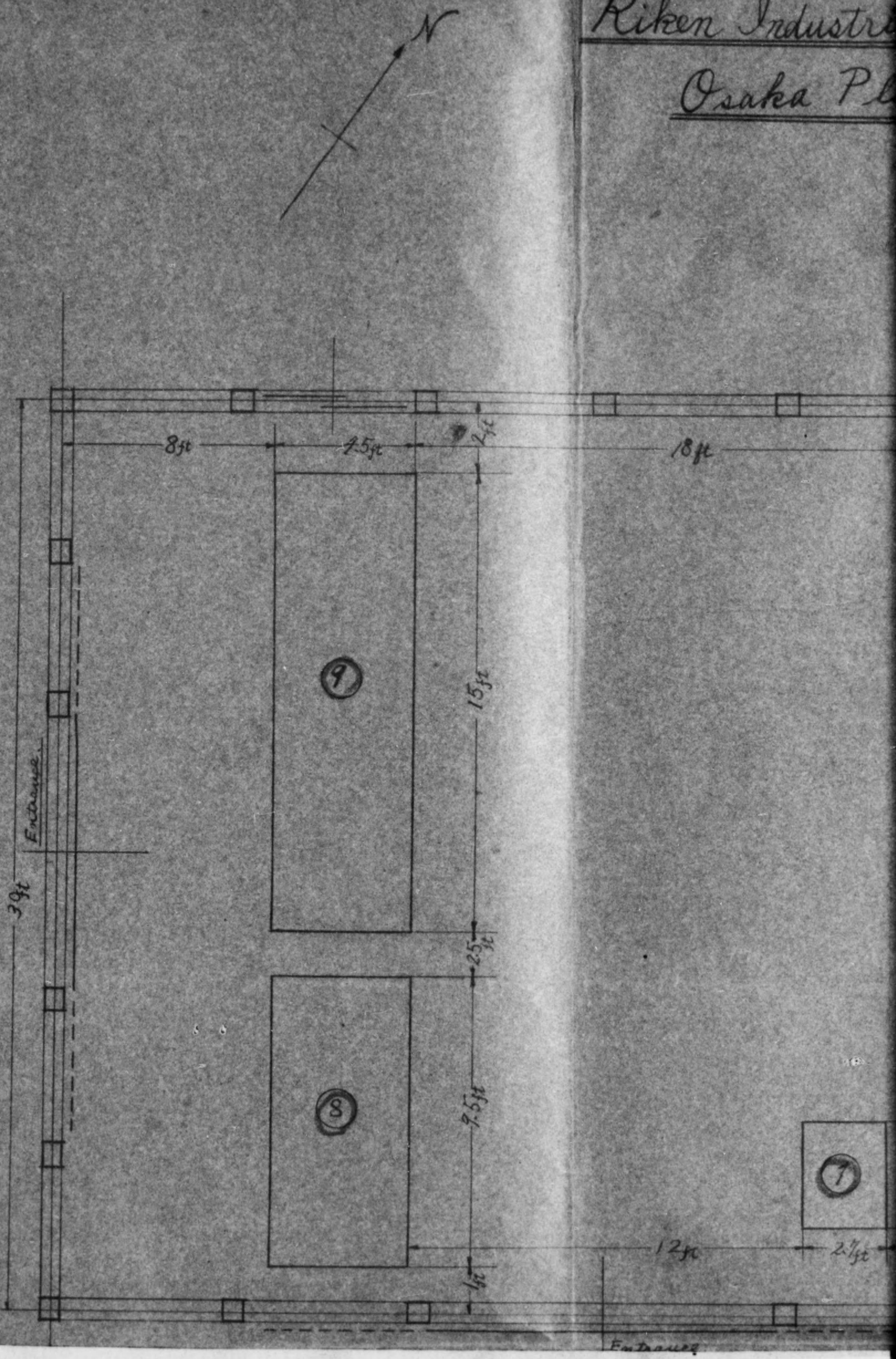


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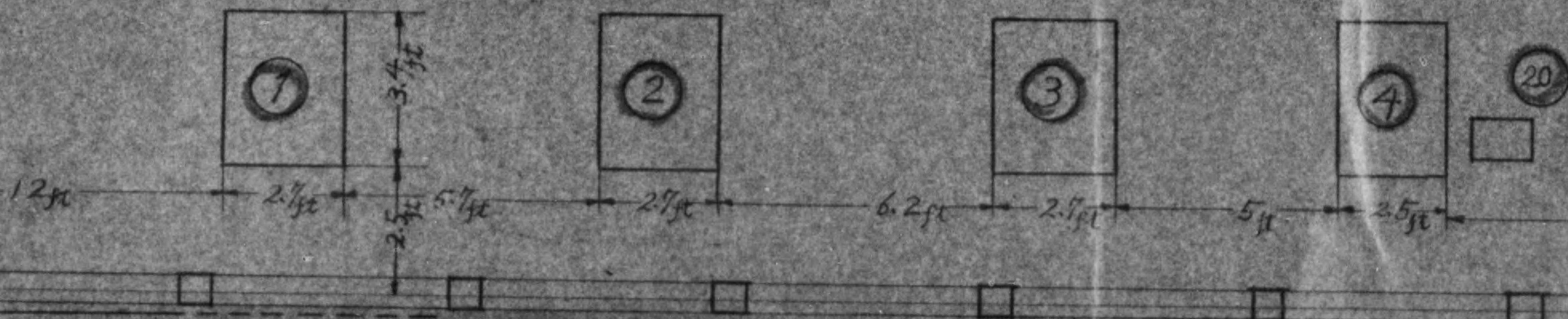
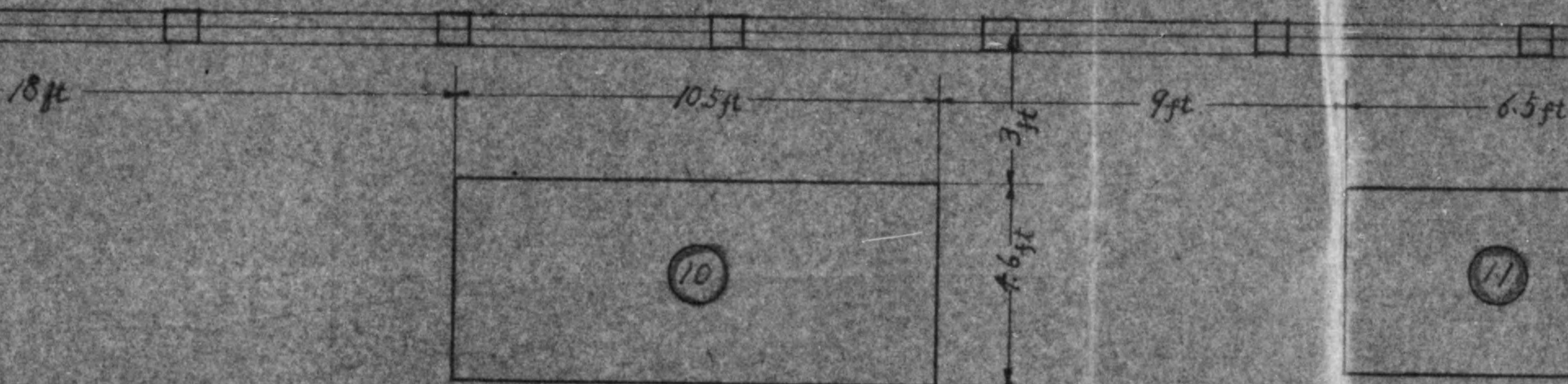
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Osaka Pl



Riken Industrial Corp.
Osaka Plant.

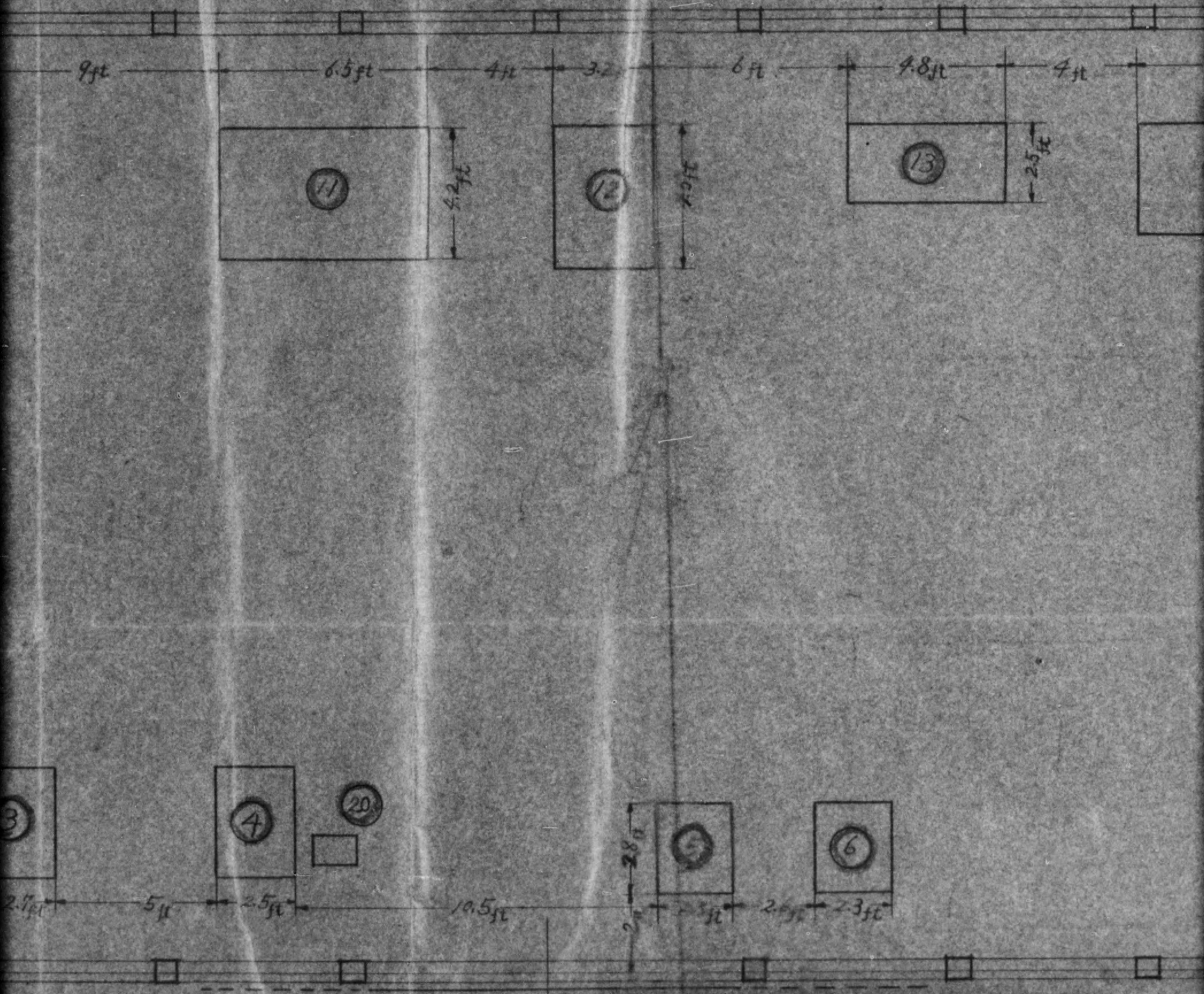
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Exact position of Ma



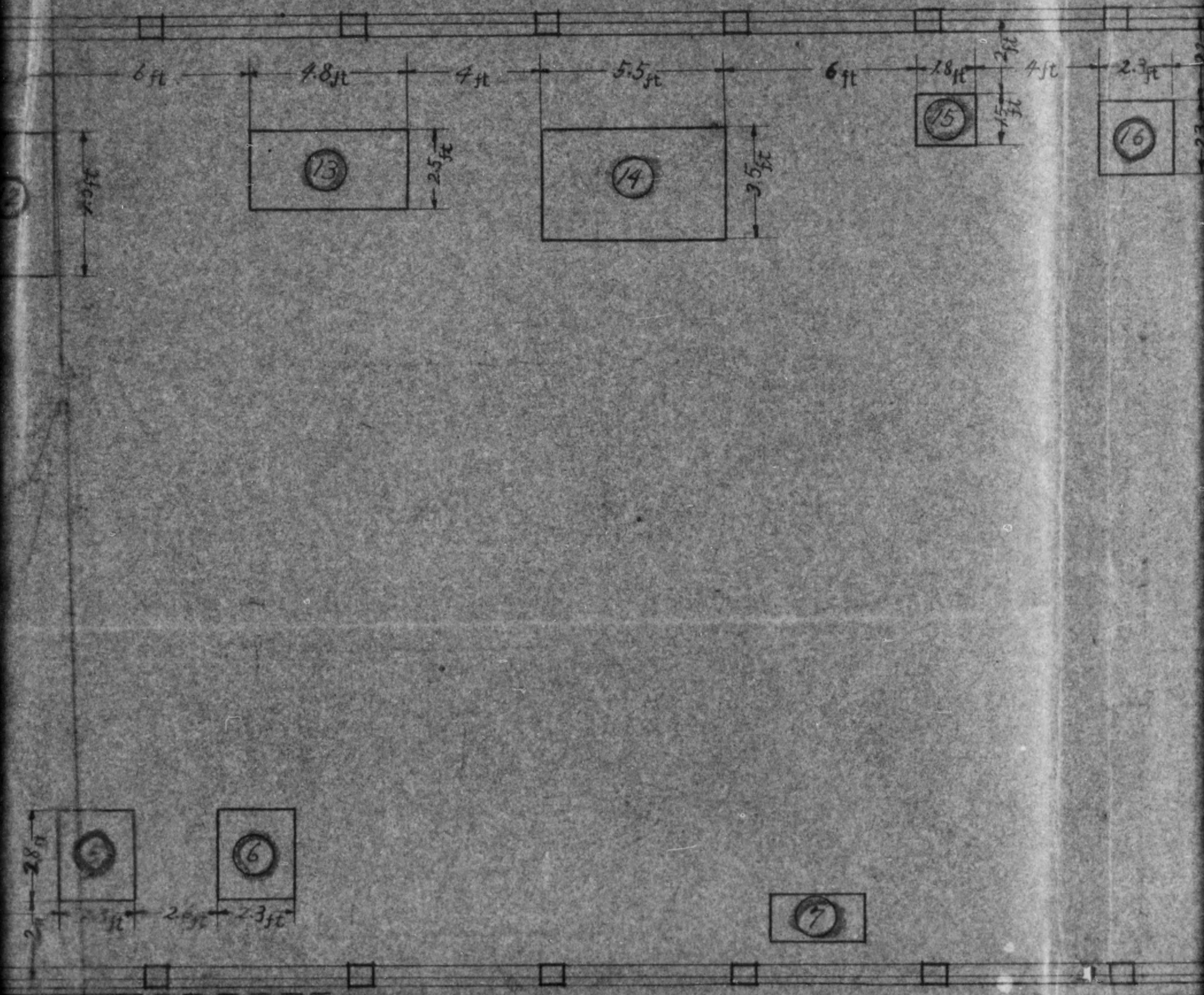
Press shop

act position of Machinery & Equipment installed there

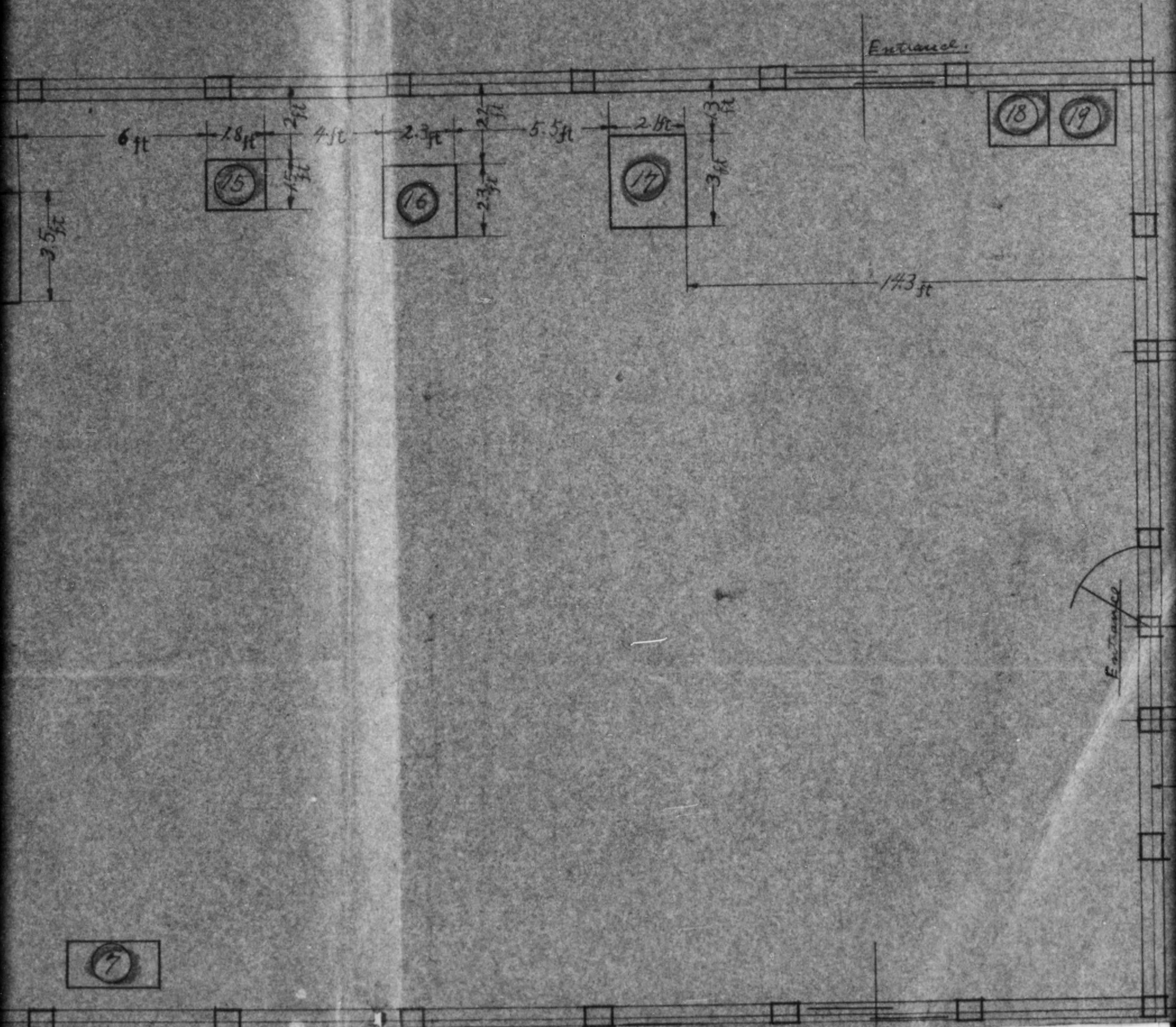


shop.

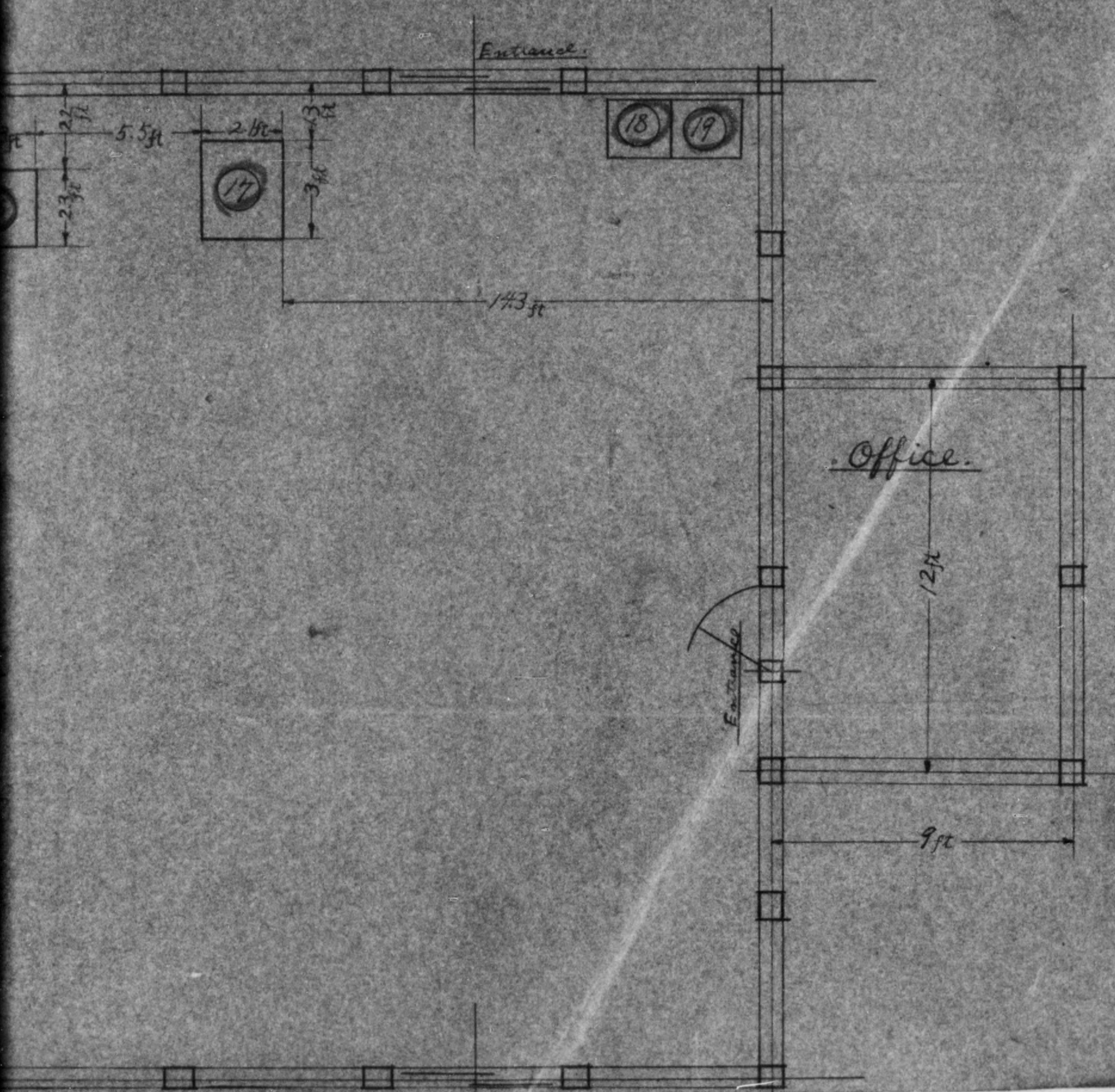
Equipment installed there in.



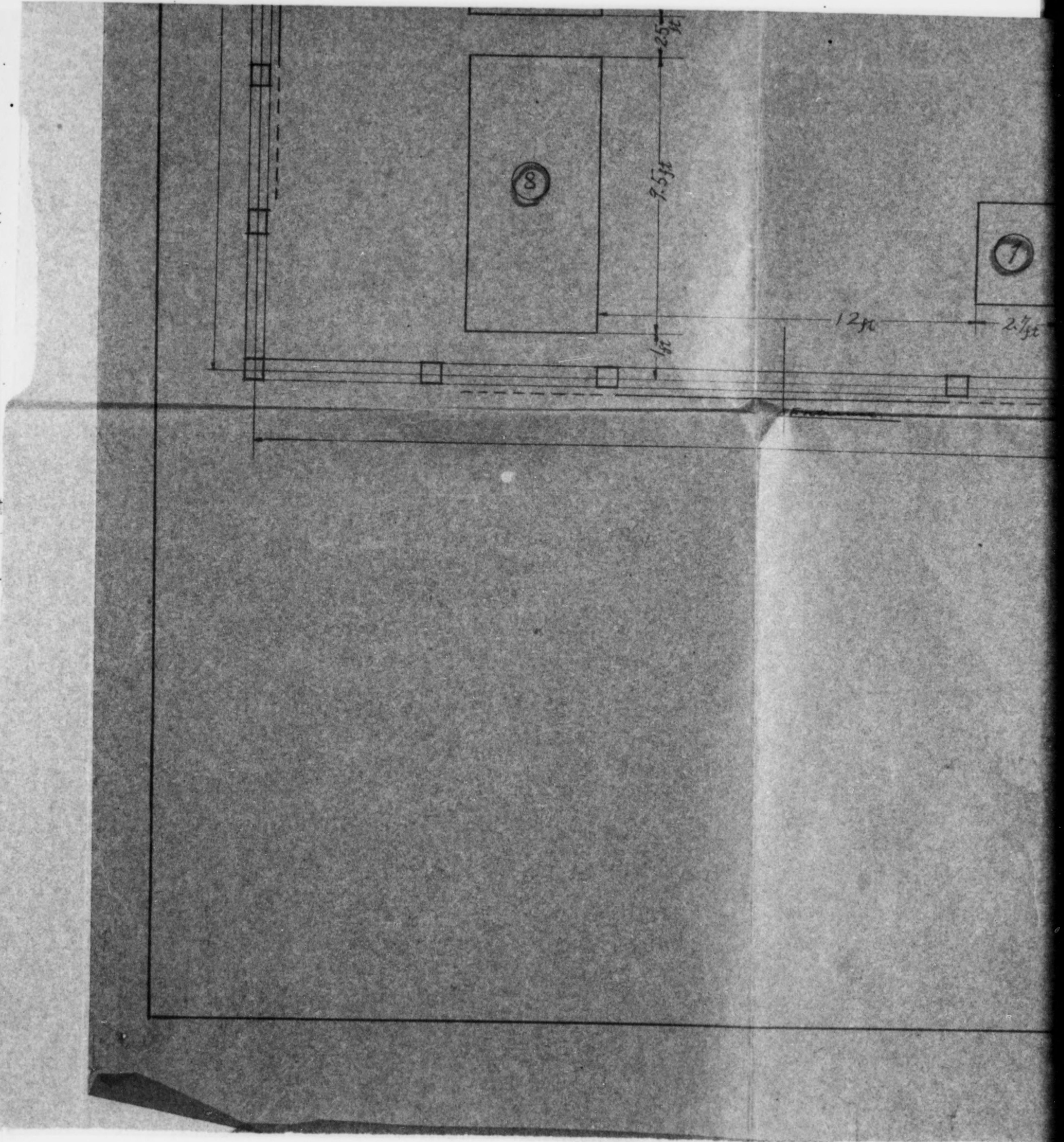
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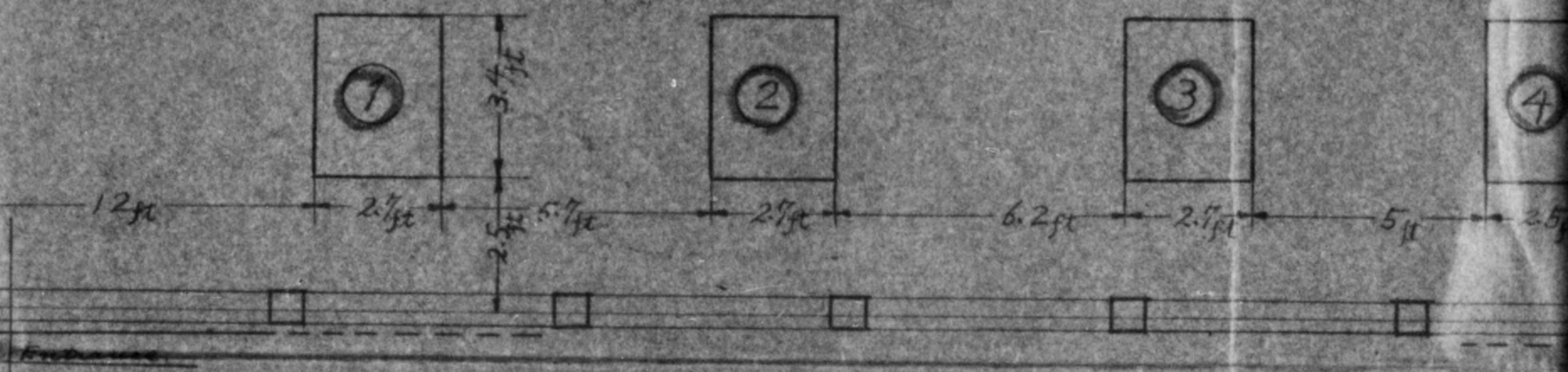


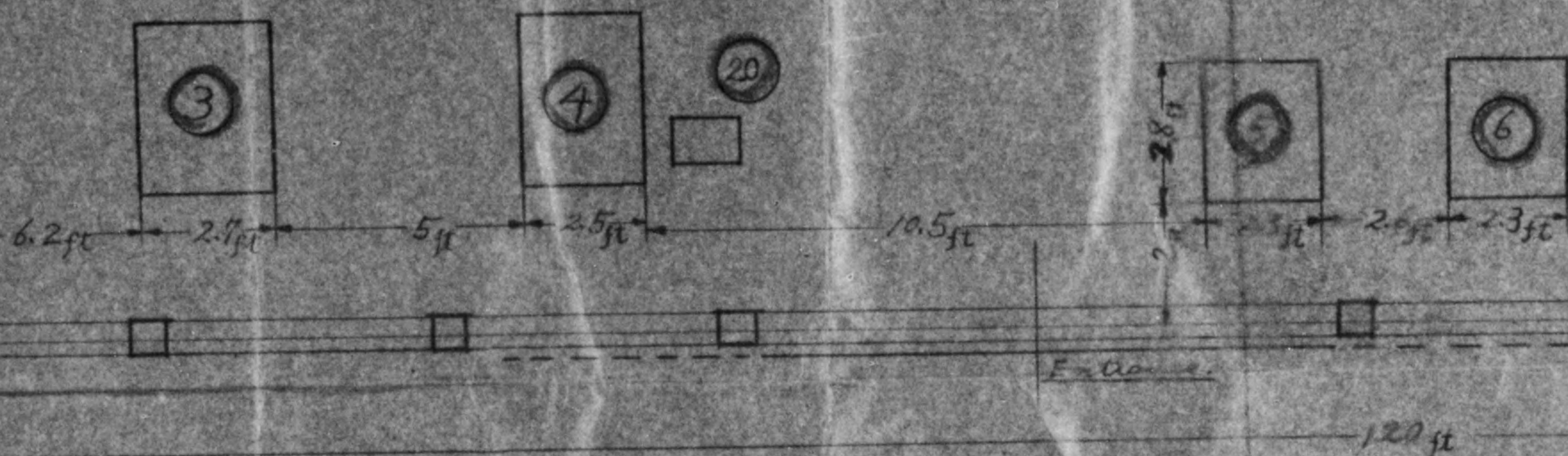
5-3



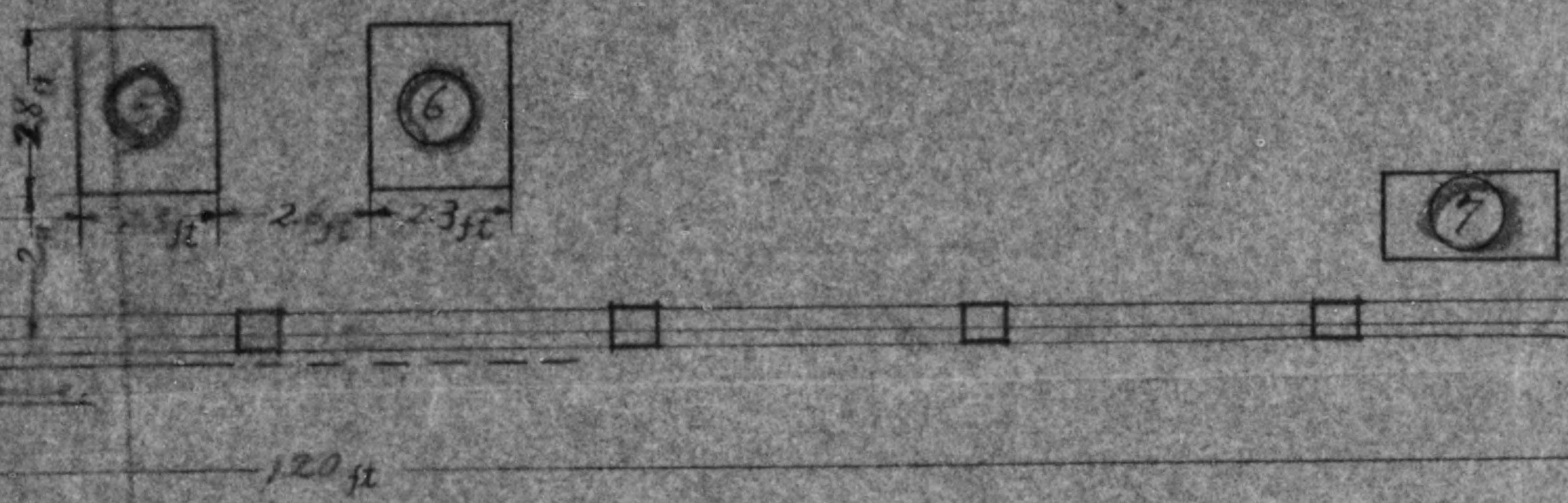
775013







符号(No.)	名 称	Name.	符号(No.)	名 称
1	20 ton パワープレス	20 ton Power-press.	11	3呎
2	20 ton パワープレス	20 ton Power-press.	12	50 ton
3	20 ton パワープレス	20 ton Power-press.	13	80 ton
4	15 ton パワープレス	15 ton Power-press.	14	120 ton
5	10 ton パワープレス	10 ton Power-press.	15	クレーン
6	10 ton パワープレス	10 ton Power-press.	16	7/17
7	ボール盤	Dialing machine.	17	電氣
8	6呎切断機	6 ft Shearing machine.	18	ウエ
9	10呎切断機	10 ft Shearing machine.	19	ウエ
10	10呎ベンダー	10 ft Bending press.	20	ベン



名 称	Name	符号(No)	名 称	Name
10 ton パワープレス	20 ton Power press	11	3ft ベンダー	3ft Bending press
10 ton パワープレス	20 ton Power press	12	50 ton パワープレス	50 ton Power press
10 ton パワープレス	20 ton Power press	13	80 ton フリクションプレス	80 ton Friction press
5 ton パワープレス	15 ton Power press	14	120 ton フリクションプレス	120 ton Friction press
10 ton パワープレス	10 ton Power press	15	グラインダー	Grinder
10 ton パワープレス	10 ton Power press	16	フリクションカッター	Friction cutter
ボール盤	Dressing machine	17	電気スポット溶接機	Electric spot welder
6ft 切斷機	6ft Shearing machine	18	ウェルダー	Welder
10ft 切斷機	10ft Shearing machine	19	ウェルダー	Welder
10ft ベンダー	10ft Bending press	20	ベークドリル	Beak drills

○ 印ハ管理 降升 荷
 Remarks: Items re



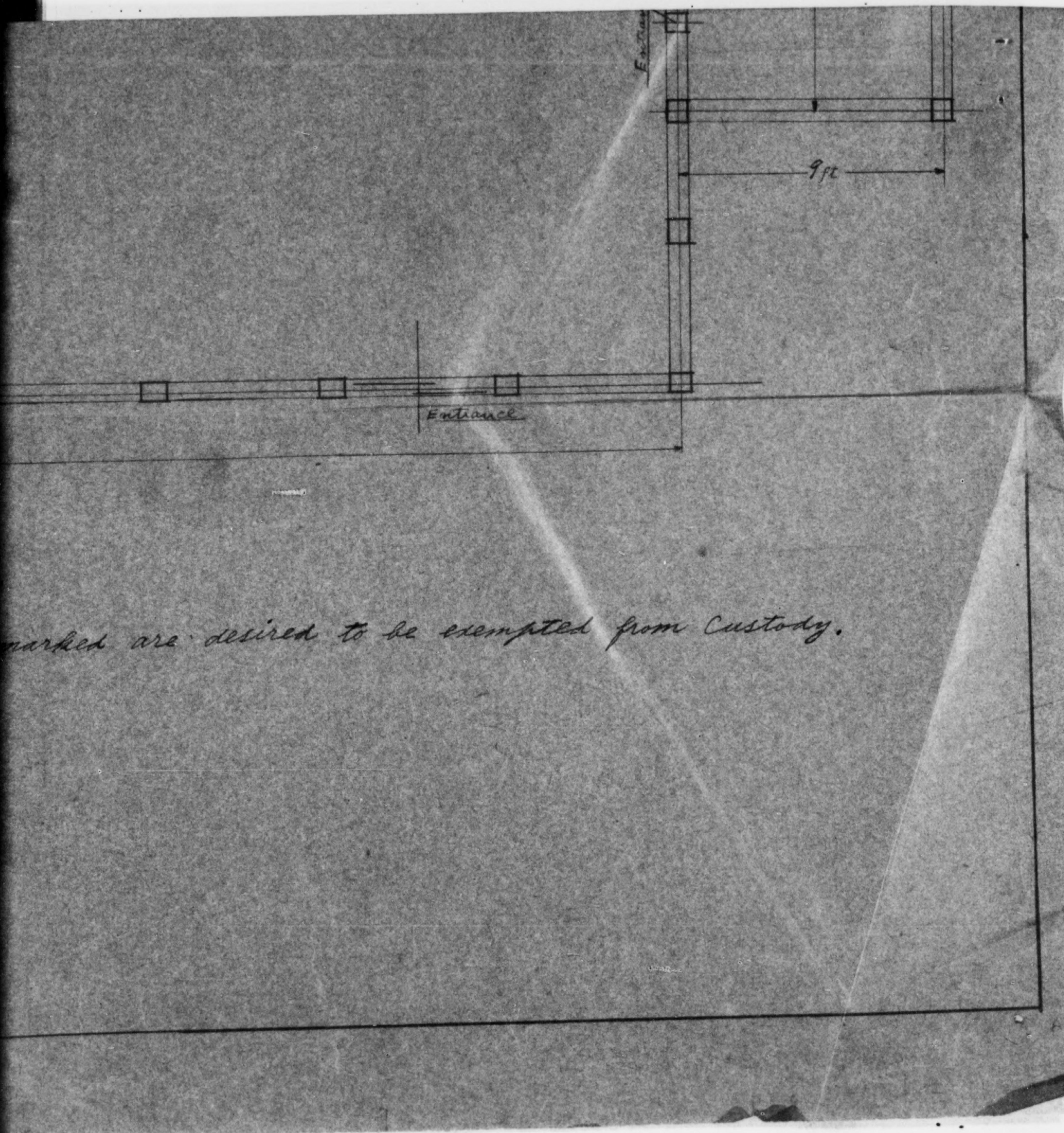
Entrance

	Name
-	3ft Beading press
12	50 ton Power press.
12	80 ton Friction press.
12	120 ton Friction press
-	Grinder
-	Friction cutter
12	Electric spot welder
	Welder
	Welder
12	Bank drills.

○ 印八管理 除外希望品

Remarks: Items re-marked are desired to be exempt

775013



marked are desired to be exempted from Custody.

Riken Industrial

Osaka Plant

Exact position of machine

stored in

Warehouse

No	機械名	
21-24	歯頭グラインダー	Dau
25	フライス盤 #00 横型	Mill
26	バー子カルフライス盤 #00	Mill
27	二軸フライス盤	Mill
28	シエパー 18寸	sh

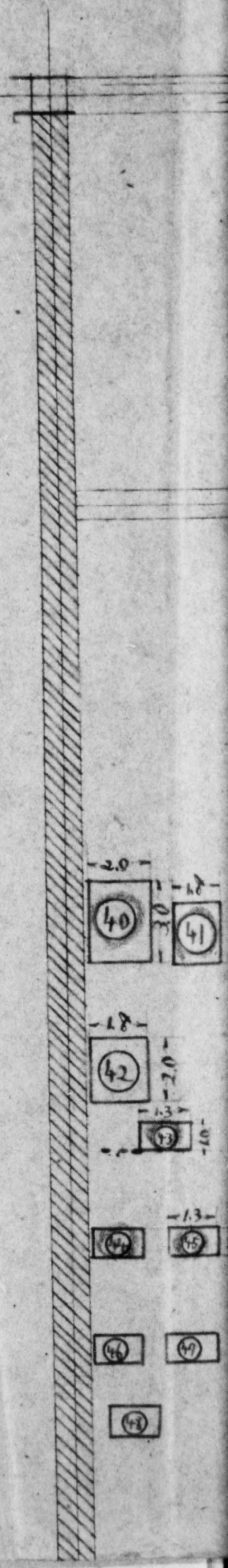
Riken Industrial Corporation

Osaka Plant

position of machinery & Equipment

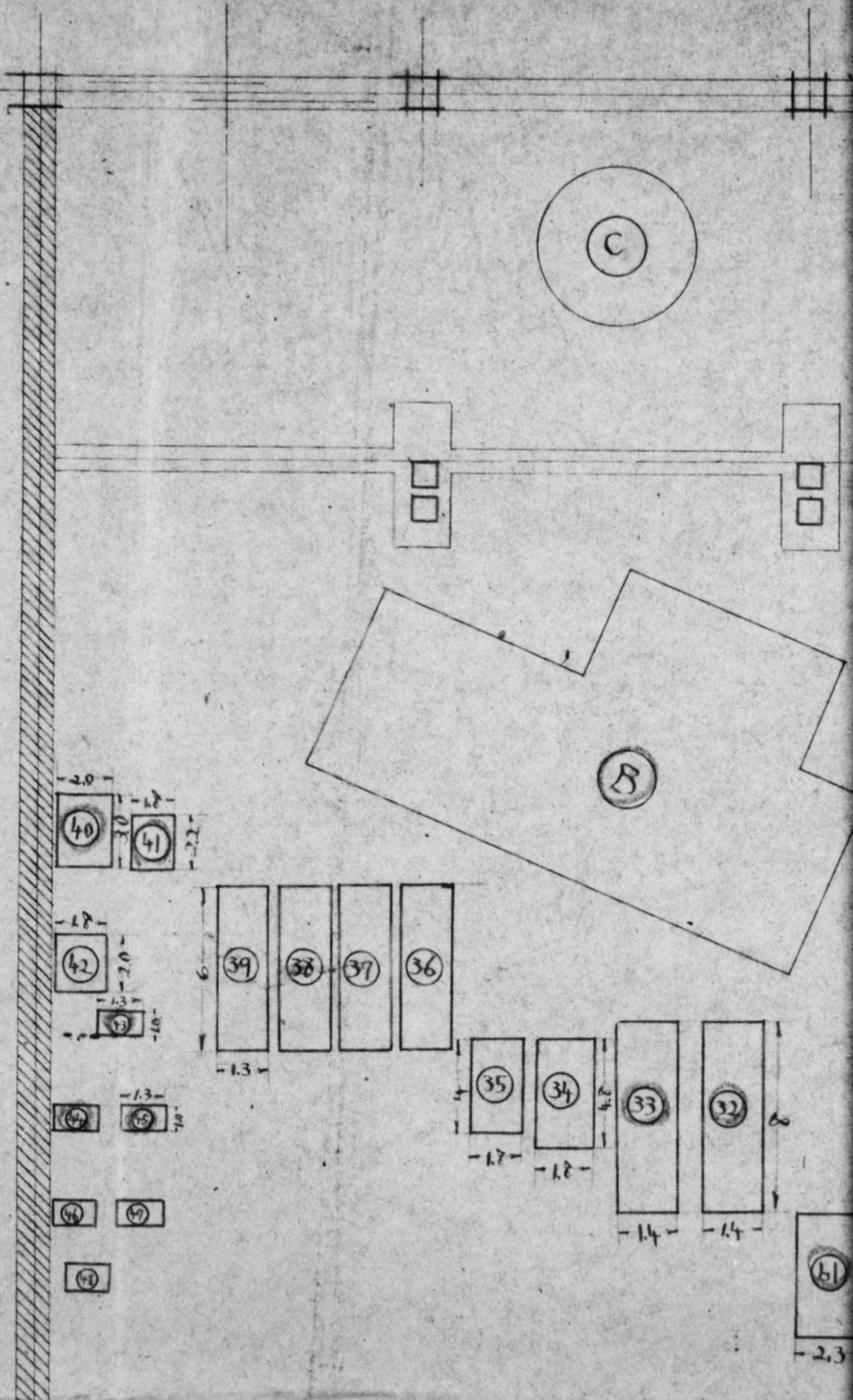
stored in

Ware-house



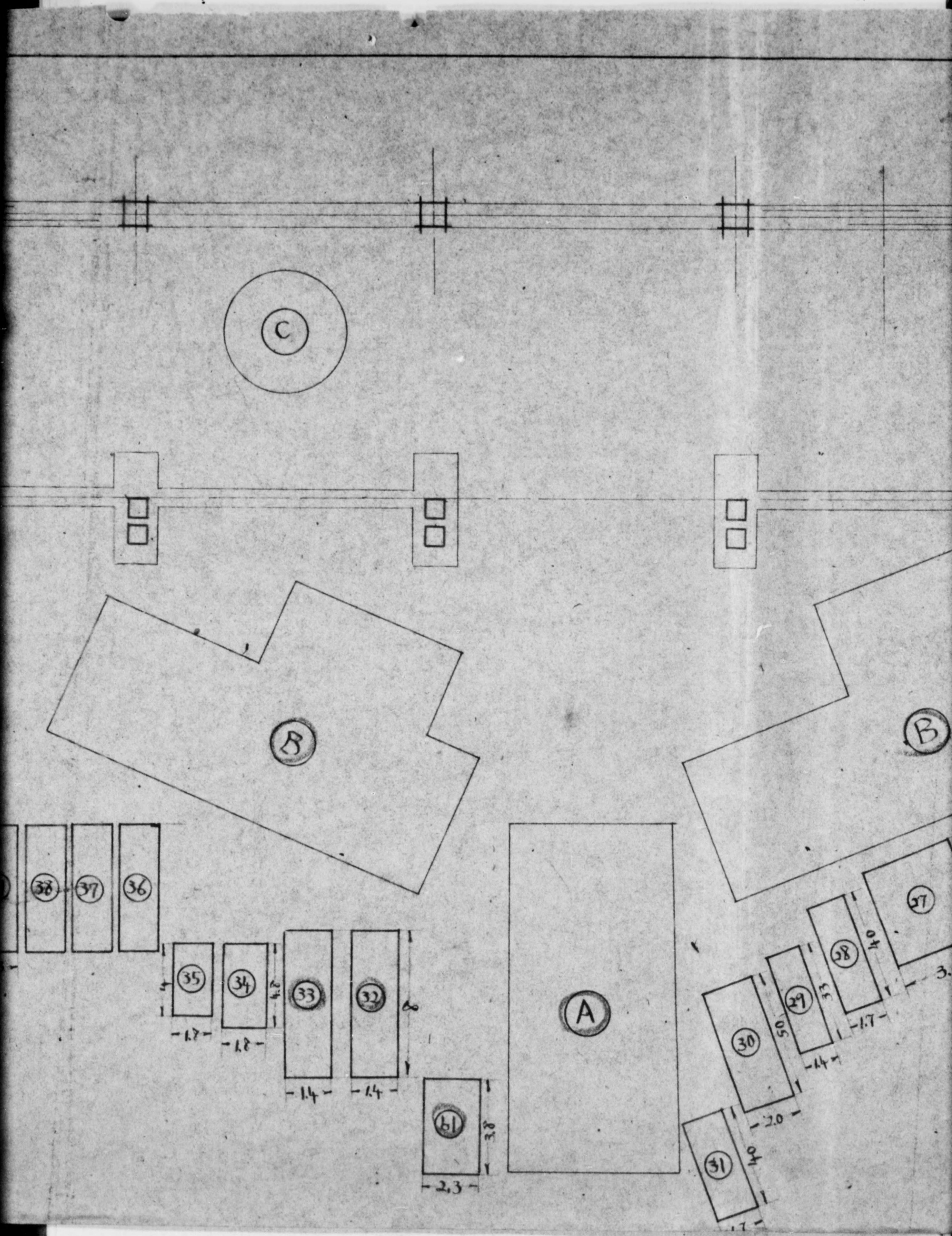
機械名	machine name
両頭グラインダー	Double head Bench Drills
フライス盤 #00 横型	Milling machine No.00 Horizontal
バーキカル フライス盤 #00	Milling machine No.00 Vertical
二軸 フライス盤	Milling machine Double spindle
シェーパ 18寸	shaping machine 18"

equipment

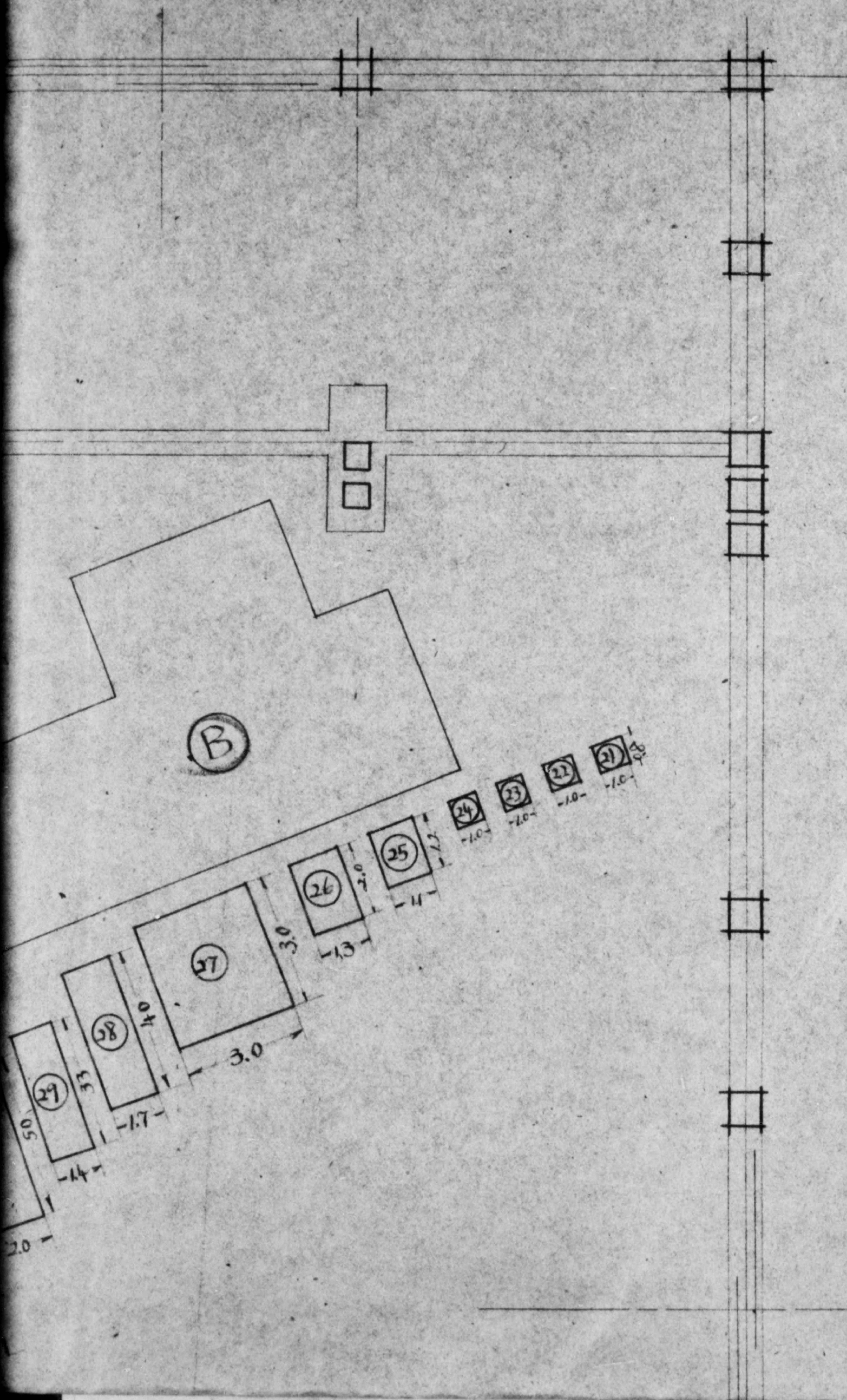


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5-4



No	機 械 名	
21-24	両頭グラインダー	Dou
25	フライス盤 #00 横型	Milli
26	バー子カル. フライス盤 #00	Milli
27	二軸 フライス盤	Milli
28	シエパー 18吋	sh
29	" 16吋	sh
30	" 24吋	sh
31	" 18吋	sh
32-33	旋 盤 8呎	Engi
34	旋 盤 4.8呎	Engi
35	" 4呎	Engi
36	" 6呎	Engi
37	" 6呎	Engi
38	" 6呎	Engi
39	" 6呎	Engi
40-42	ボール 盤	
43-48	ベン子ドリル	
49-50	鋸 盤	Br
51-57	ウェルダ 2.5KW	Mel
58-59	スポット 熔接機	Mel
60	プレーナー 10呎	
61	パープレス 2馬力	P
62	電動機 30馬力	E
63	コムプレッサー	Ai
64	" (移動式)	Ai
65	ロール	
66	エヤ タンク	Ai
67	電気 炉 15KW	E
68-69	ホ 斗 スト	
A	蒸 気 鍋	Tham
B	爐	
C	蒸 気 タンク	

Remarks: 1) Items red-marked from custody.
 2) Items A, B and in Osaka plant

0	機 械 名	machine name
24	両頭グラインダー	Double head Bench Drills
5	フライス盤 #00 横型	Milling machine No.00 Horizontal
5	バー子カル. フライス盤 #00	Milling machine No.00 Vertical
7	二軸 フライス盤	Milling machine Double spindle
8	シエパー 18吋	shaping machine 18"
	" 16吋	shaping machine 16"
	" 24吋	shaping machine 24"
	" 18吋	shaping machine 18"
33	旋 盤 8呎	Engine lathe 8' English type
	旋 盤 48呎	Engine lathe 48' American type
	" 4呎	Engine lathe 4' English type
6	" 6呎	Engine lathe 6' - do -
7	" 6呎	Engine lathe 6' - do -
8	" 6呎	Engine lathe 6' - do -
9	" 6呎	Engine lathe 6' - do -
42	ボール 盤	Boring machine
48	ベンチドリル	Bench Drills
50	鋸 盤	Band-saw machine
57	ウェルダ 8.5KW	Welding machine, Arc, 8.5 K.W
59	スポット 溶接機	Welding machine, Electric spot
60	プレーナー 10呎	Planer 10'
61	パープレス 2馬力	Power press 2HP
62	電動機 30馬力	Electric motor 30HP
63	コムプレッサー	Air compressor
64	" (移動式)	Air compressor, Transportable
65	ロール	Rolls
66	エヤ タンク	air reserve tank
67	電気炉 15KW	Electric furnace 15.K.W
69	ホキスト	Hammer
A	蒸気 鋸	Hammer operated by steam
B	爐	Furnace
C	蒸気 タンク	steam tank

寸法 (呎)

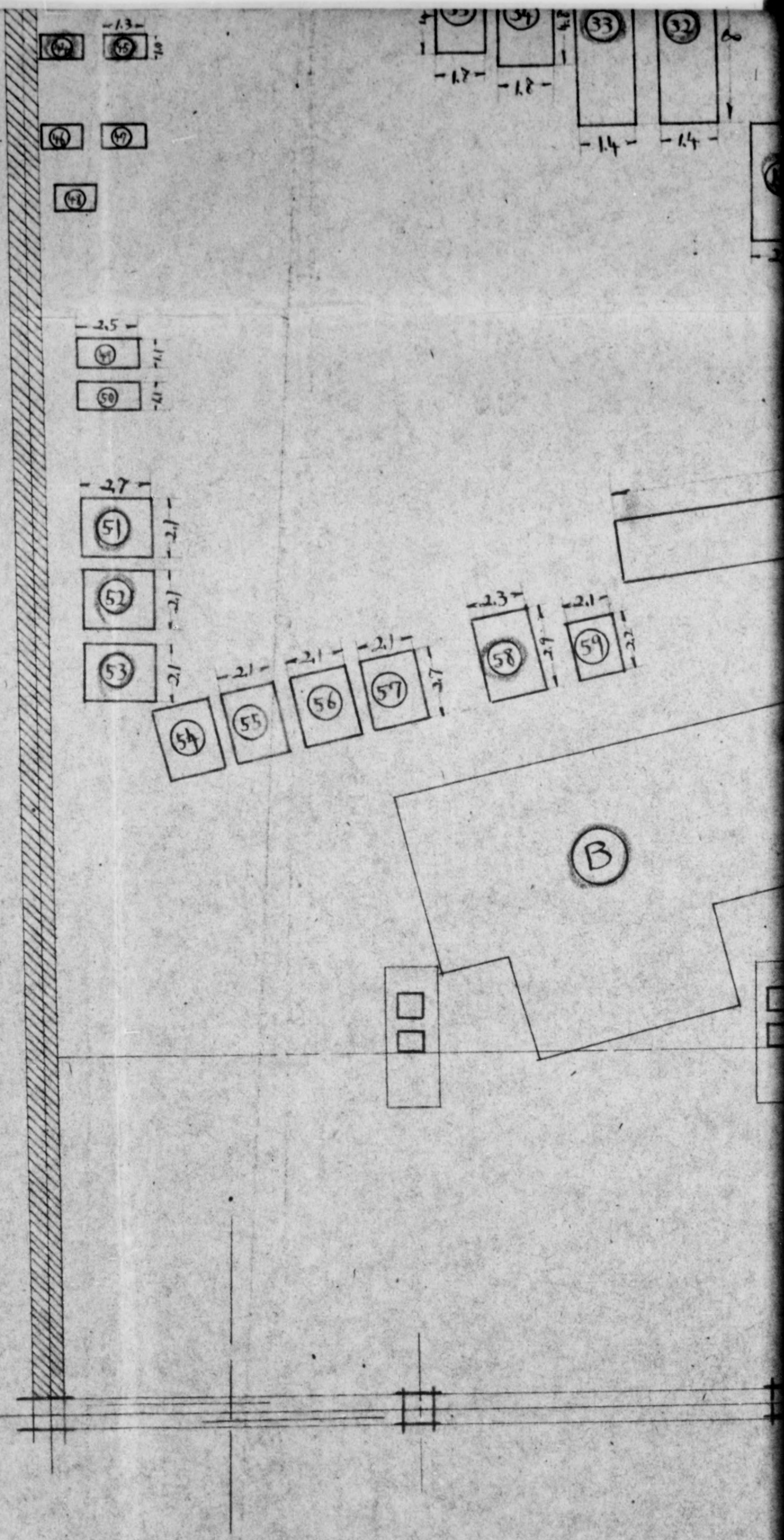
marks: 1) Items red-marked are desired to be exempted from custody.

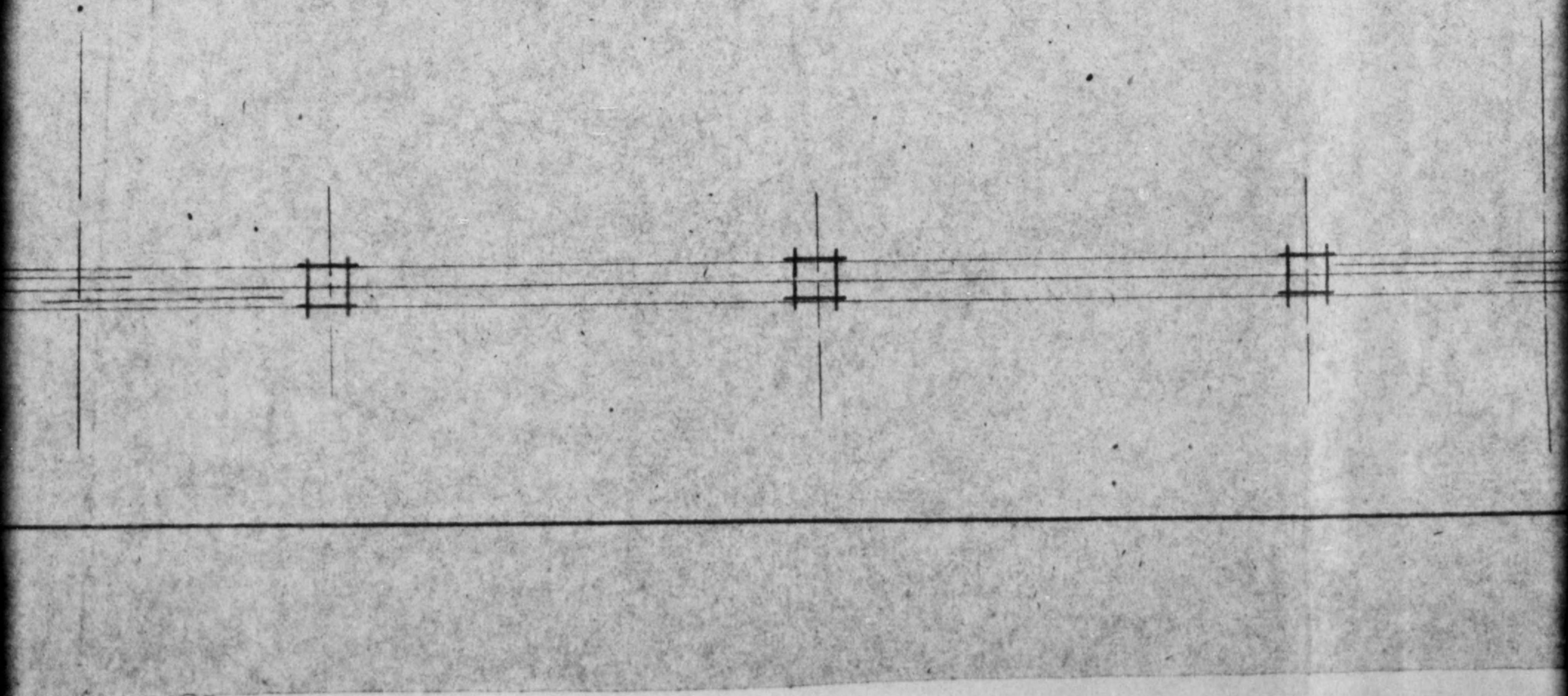
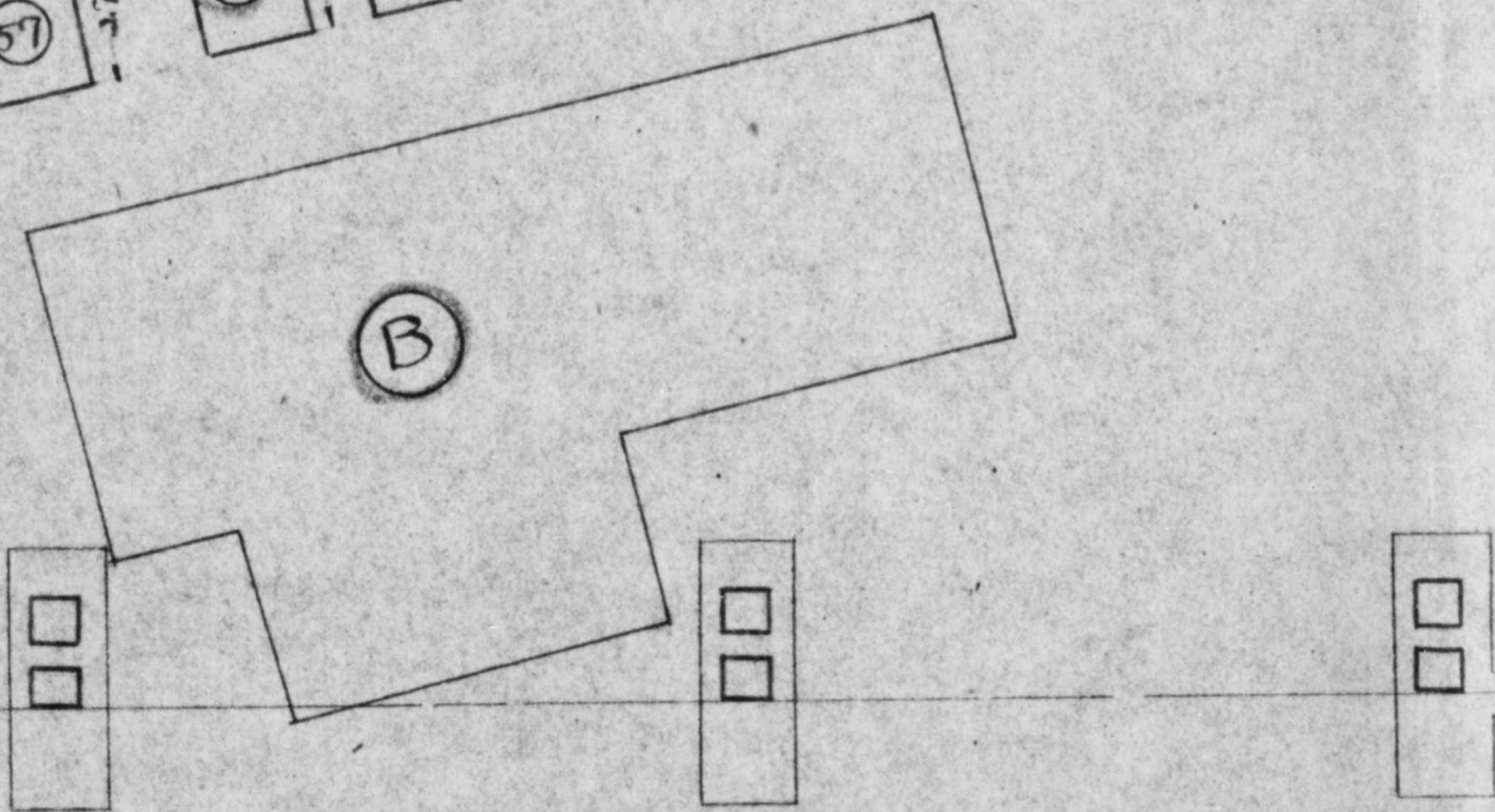
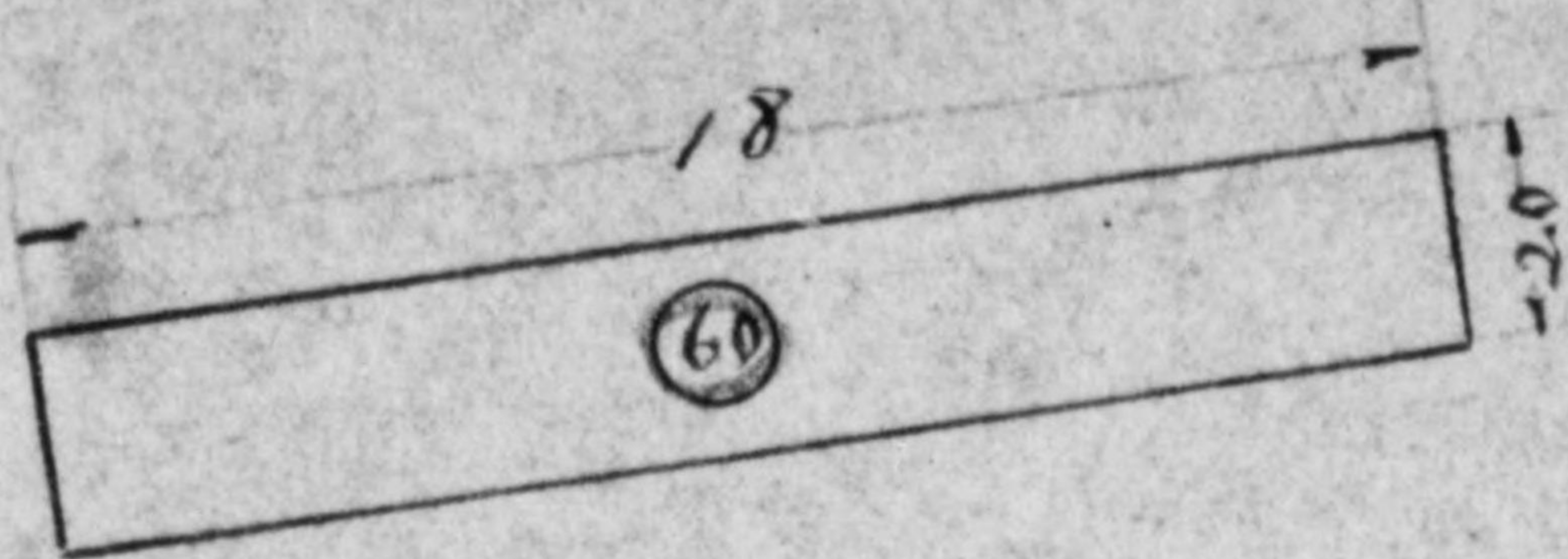
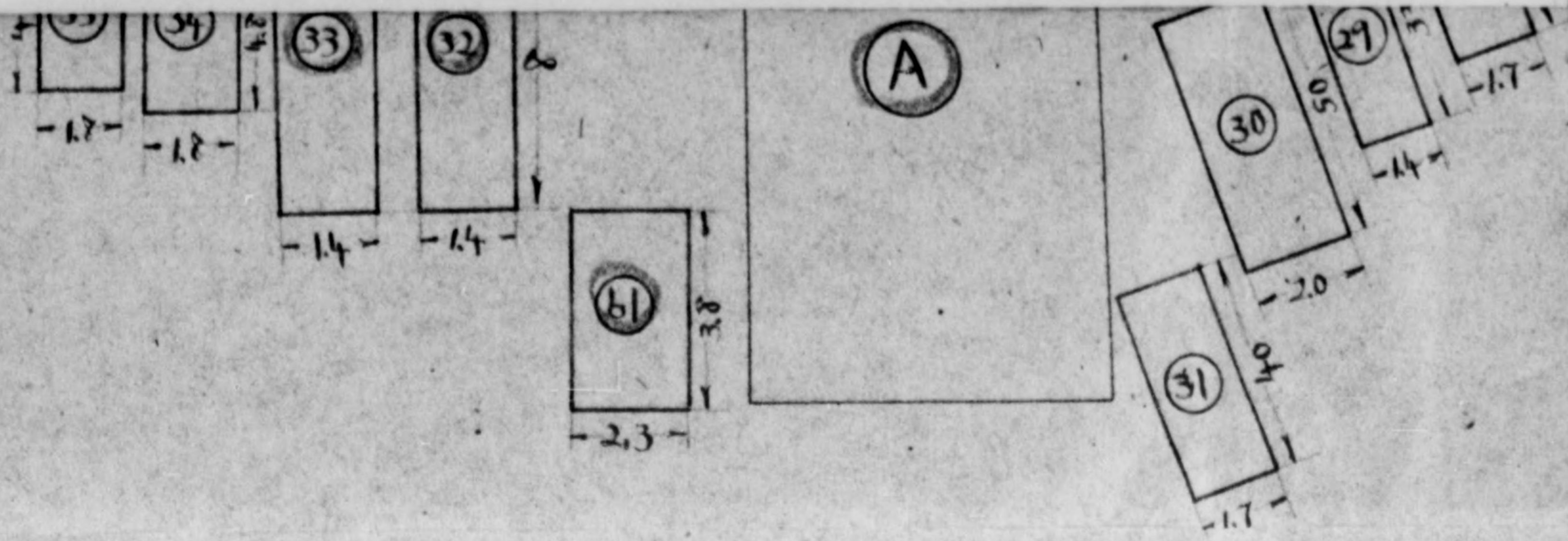
2) Items A, B and C were originally installed in Osaka plant and were out of designation.

me
Drills
horizontal
real
windle
8"
6"
24"
8"
type
type
type
8.5 K.W
spot
P
HP
portable
15.K.W
team

寸法(呎)

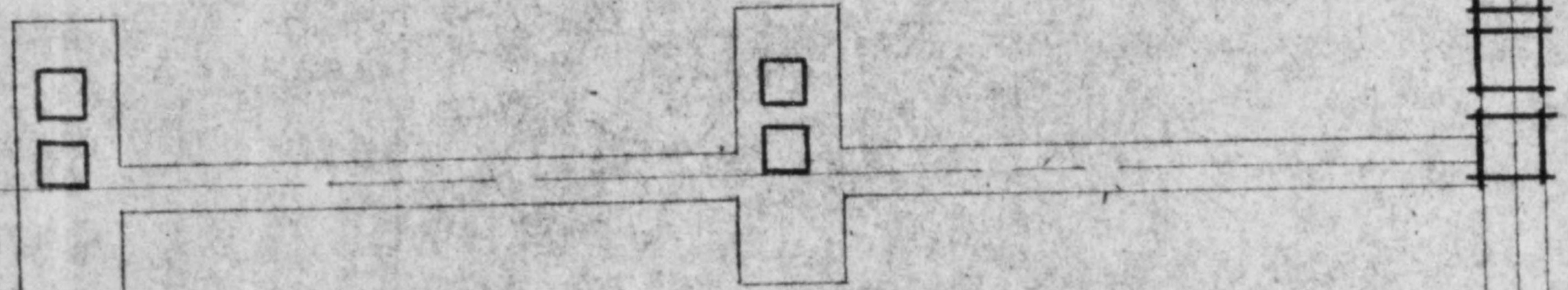
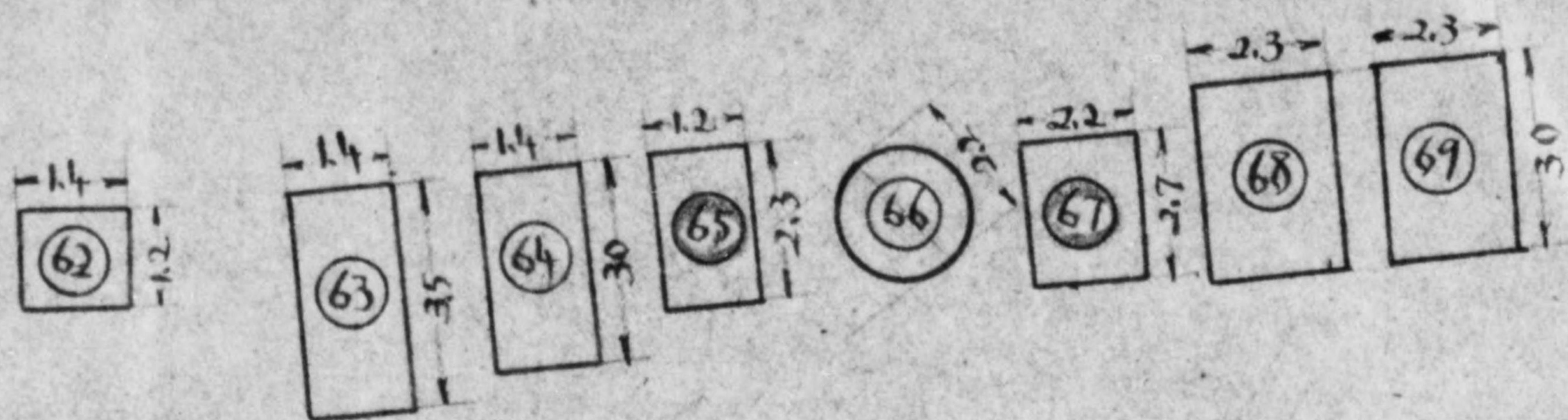
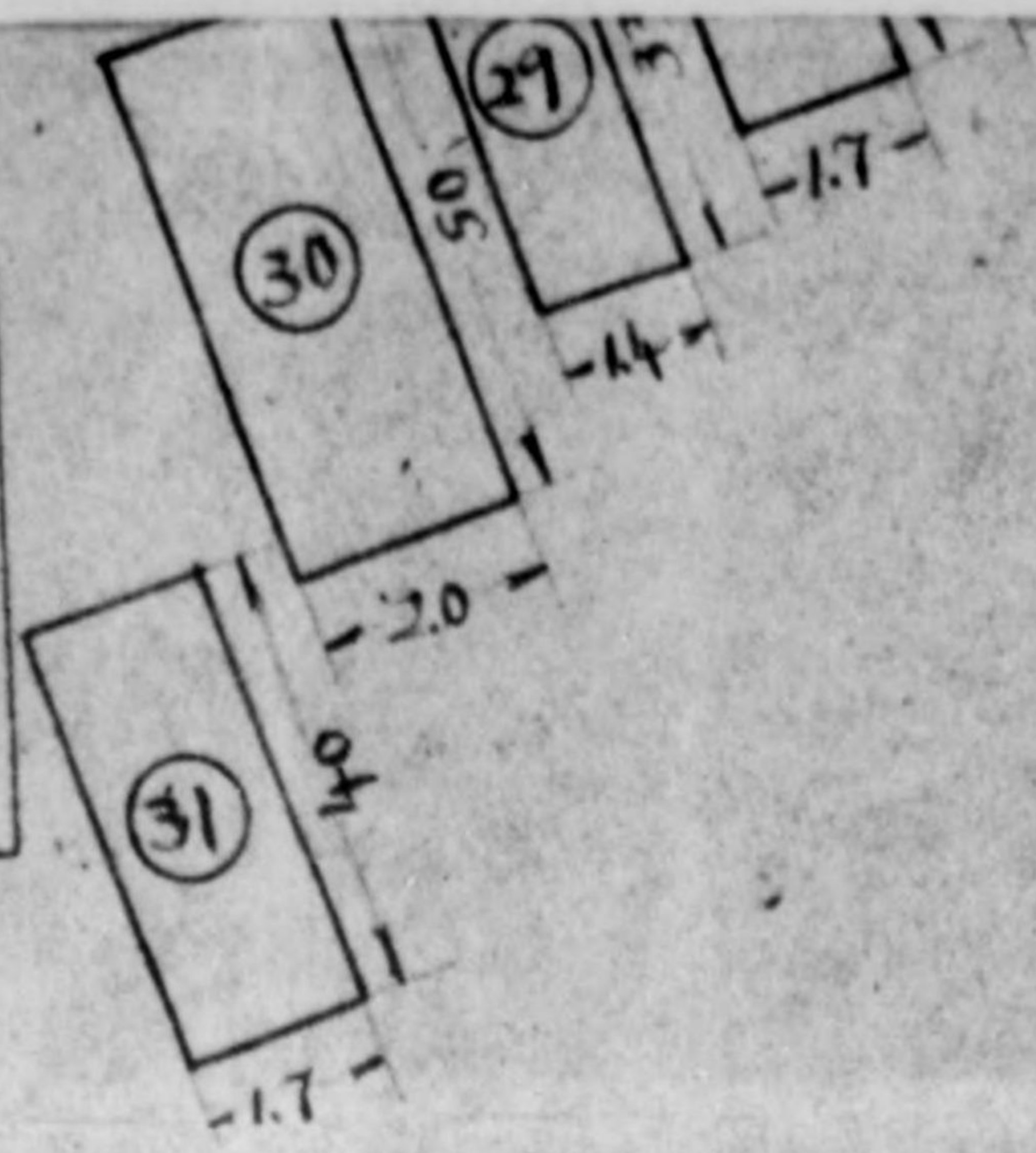
to be exempted
inally installed
of designation.





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(A)



印二管理除外本望名