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2196
(3)

2104
(3)

2153
(3)

Accessory and Scrap

2126 (3)

2127 (3)

2128 (3)

2129 (3)

2153 (3)

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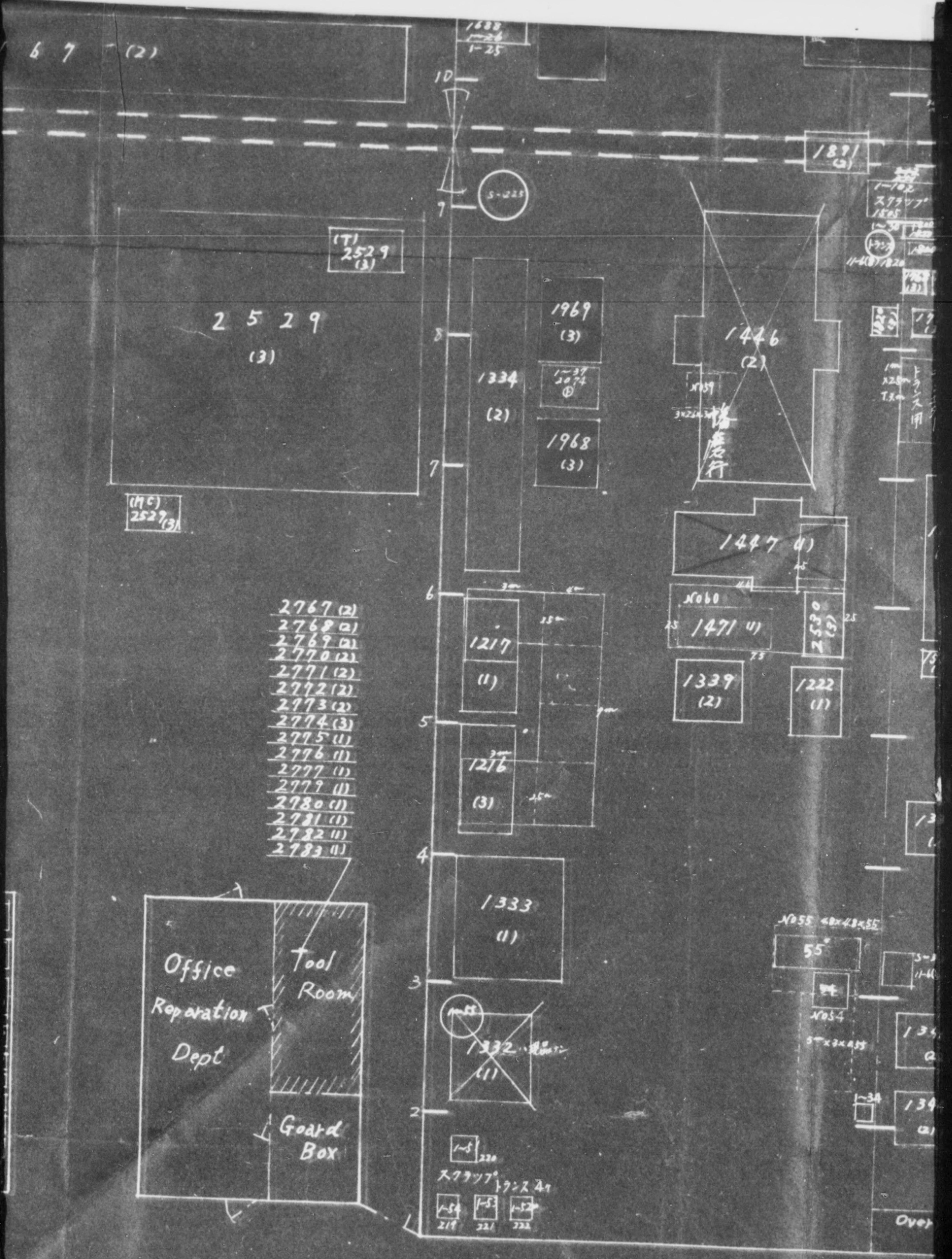
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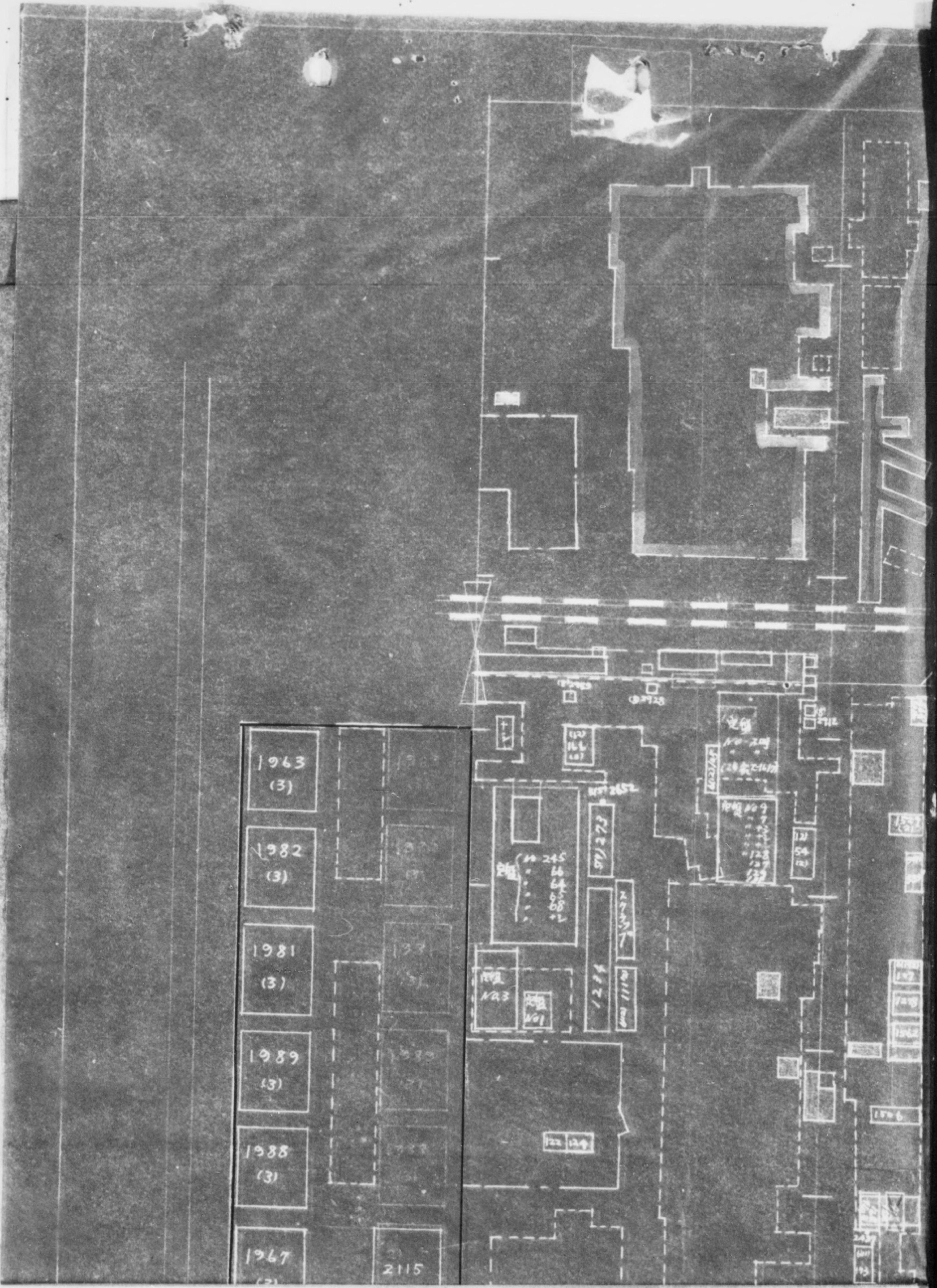
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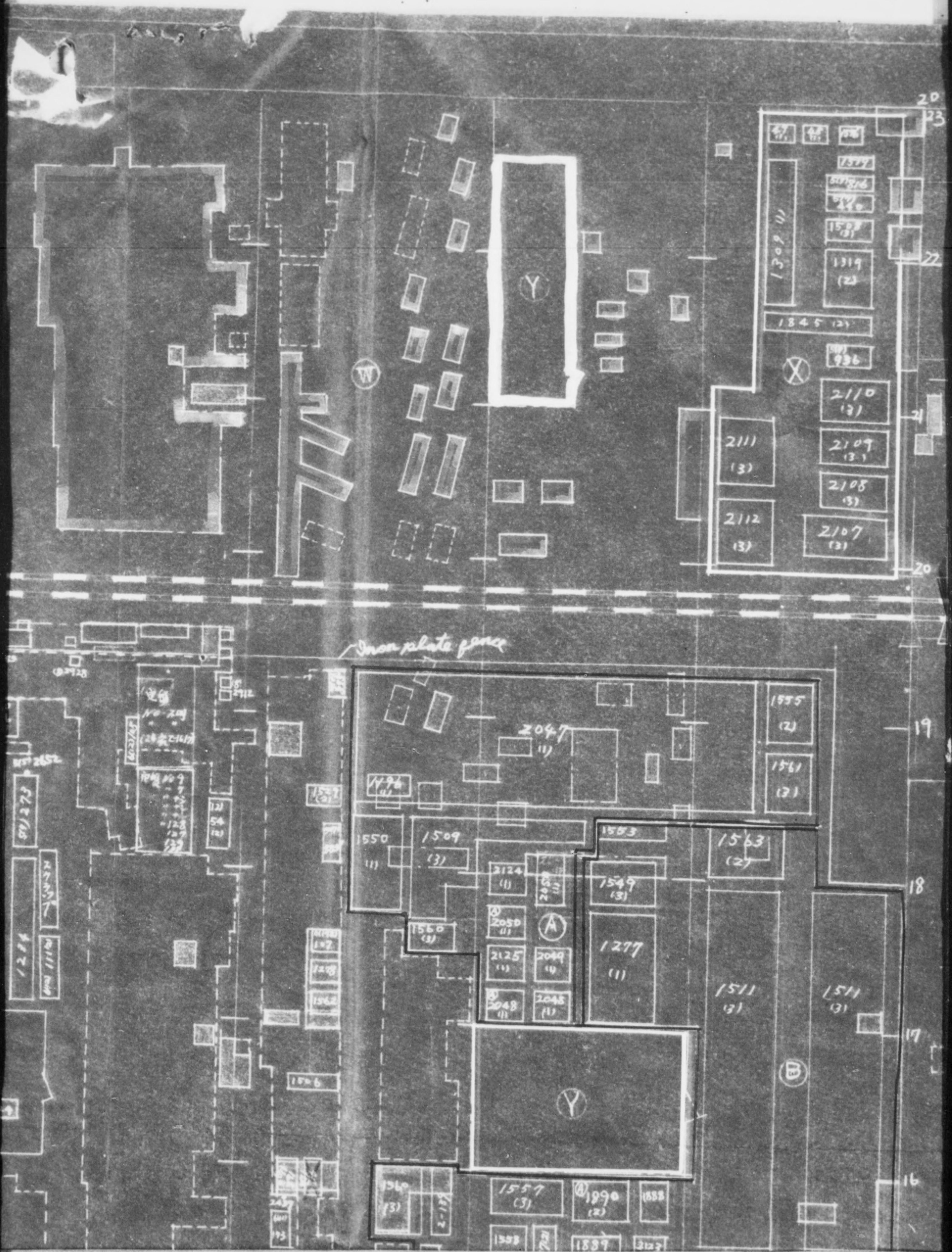
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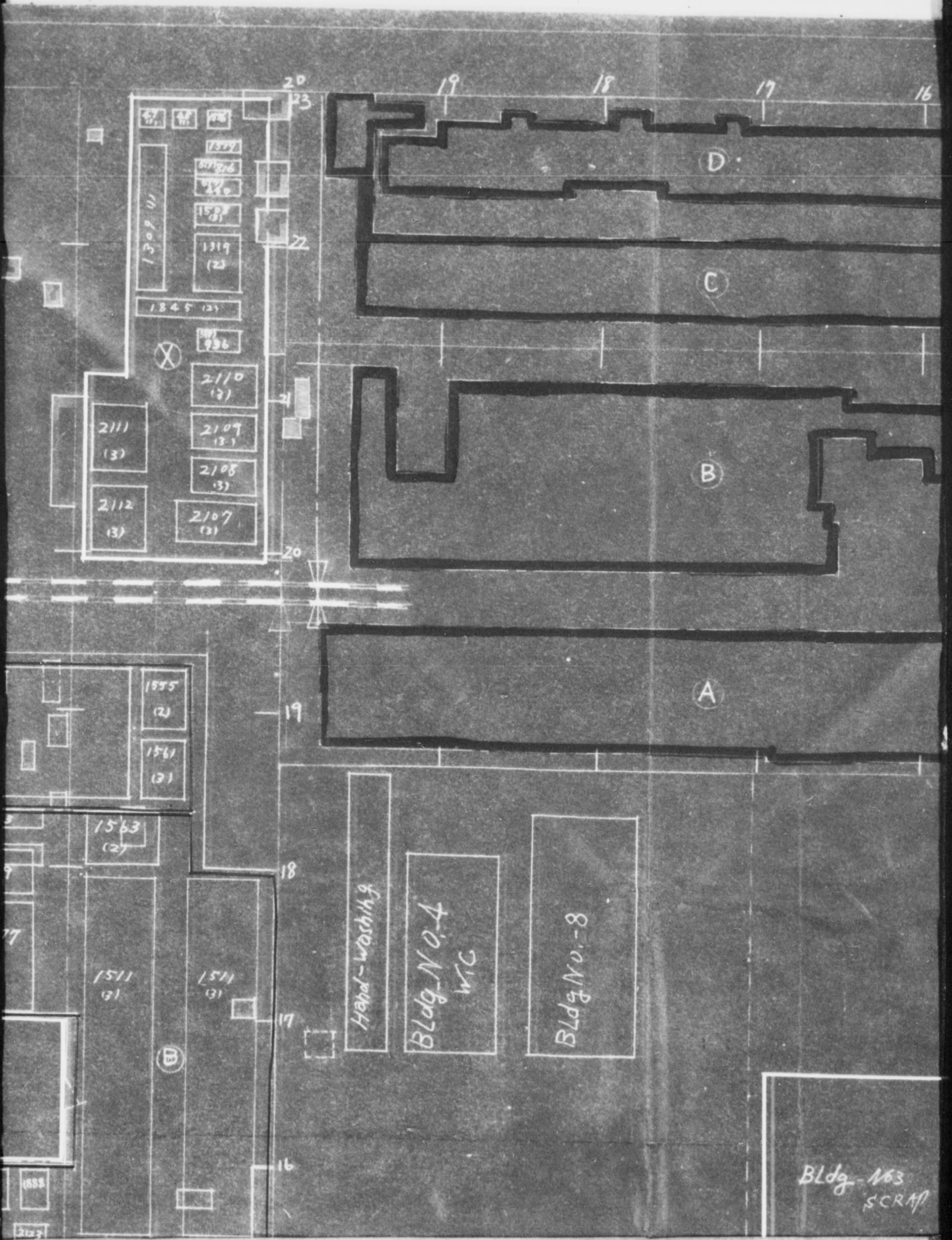
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CO 6881









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1309 (1)
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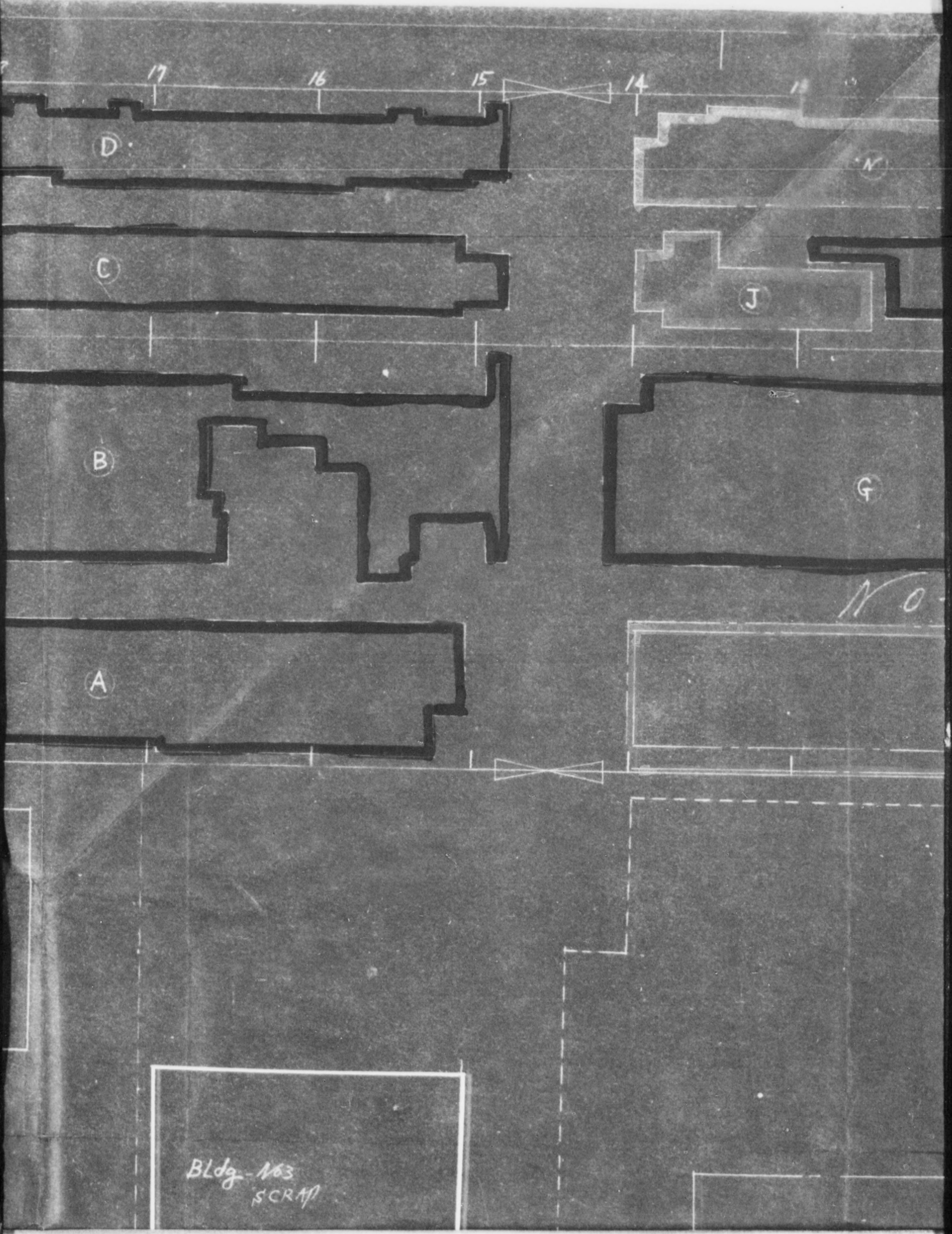
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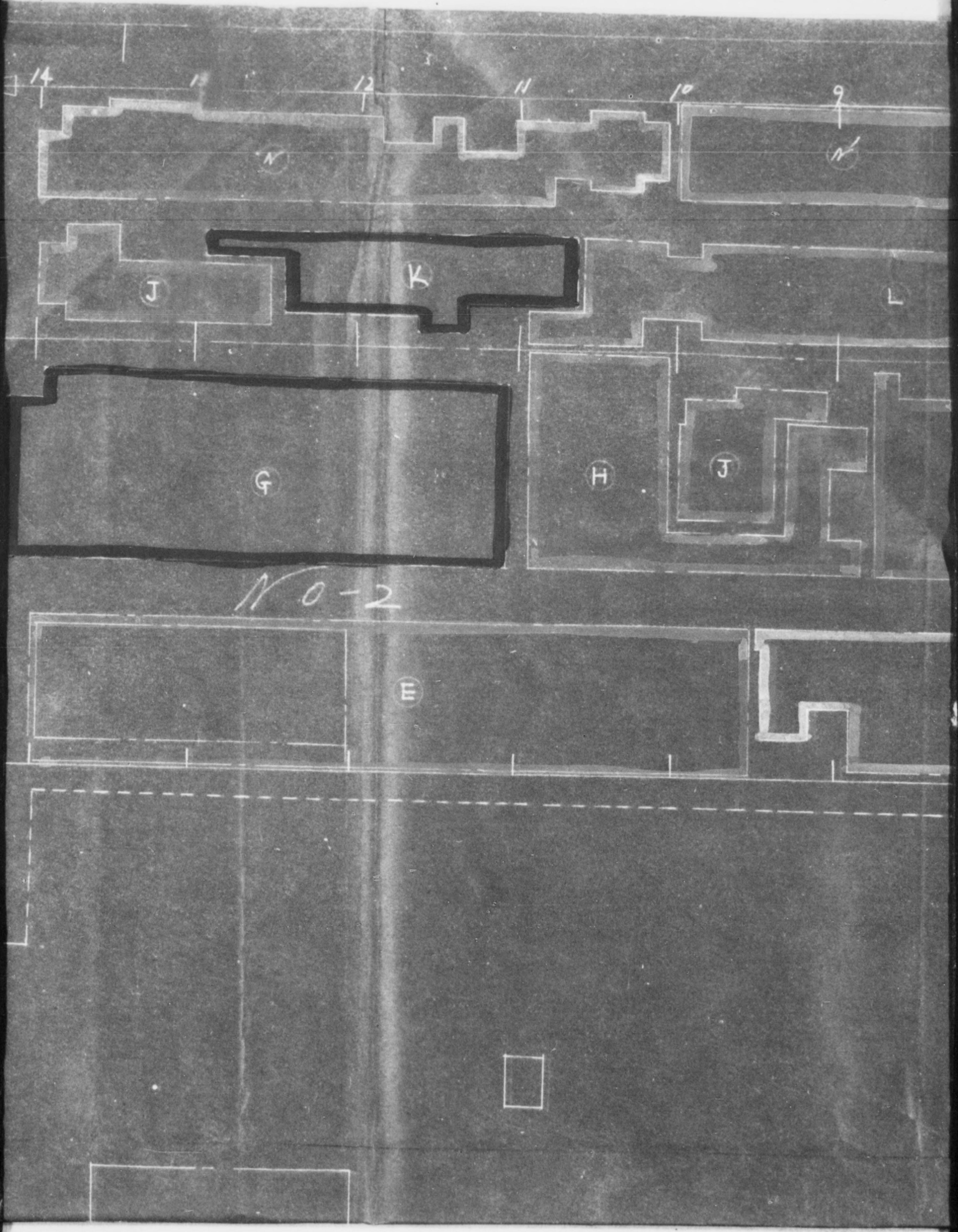
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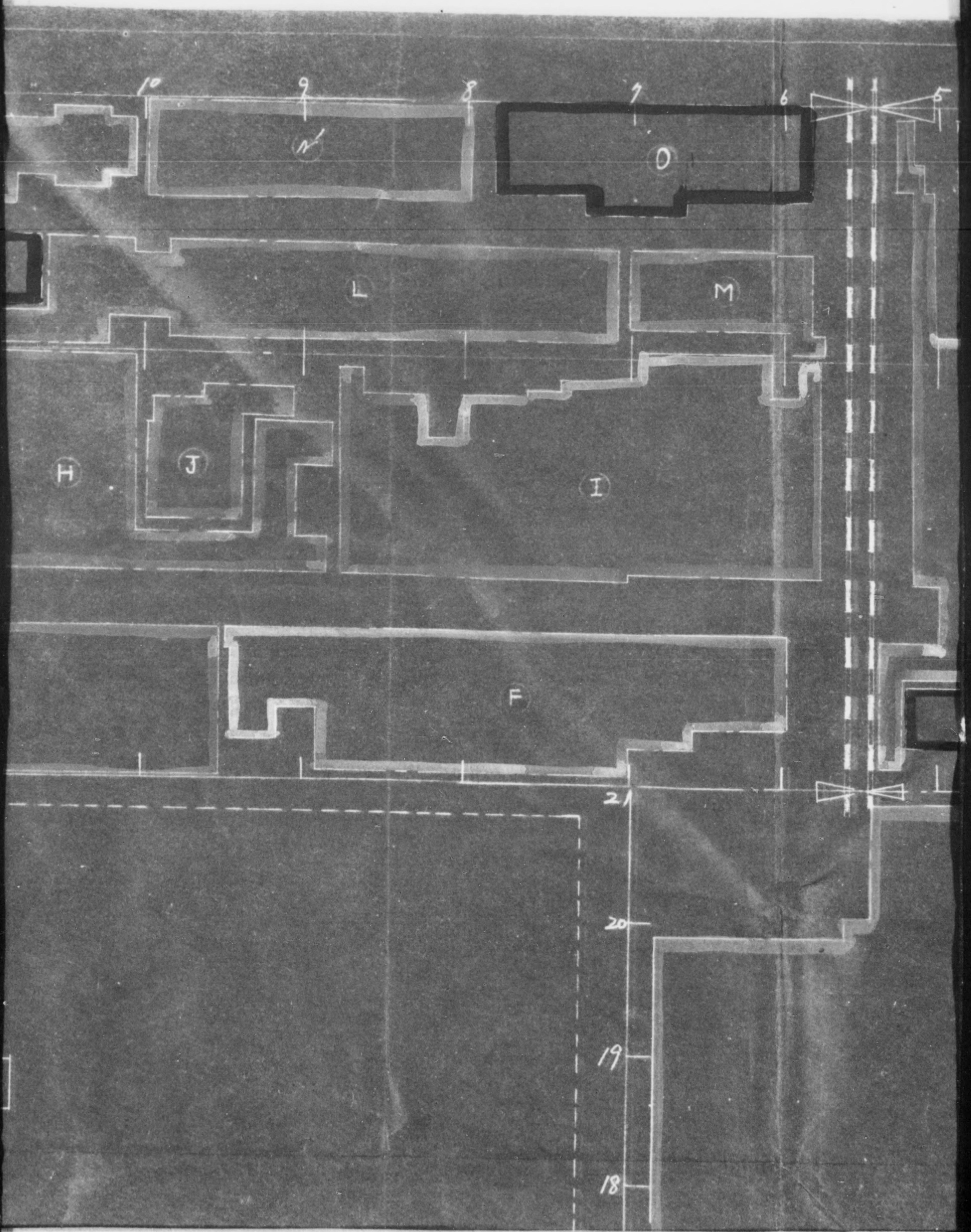
Bldg No. 4
W.C.

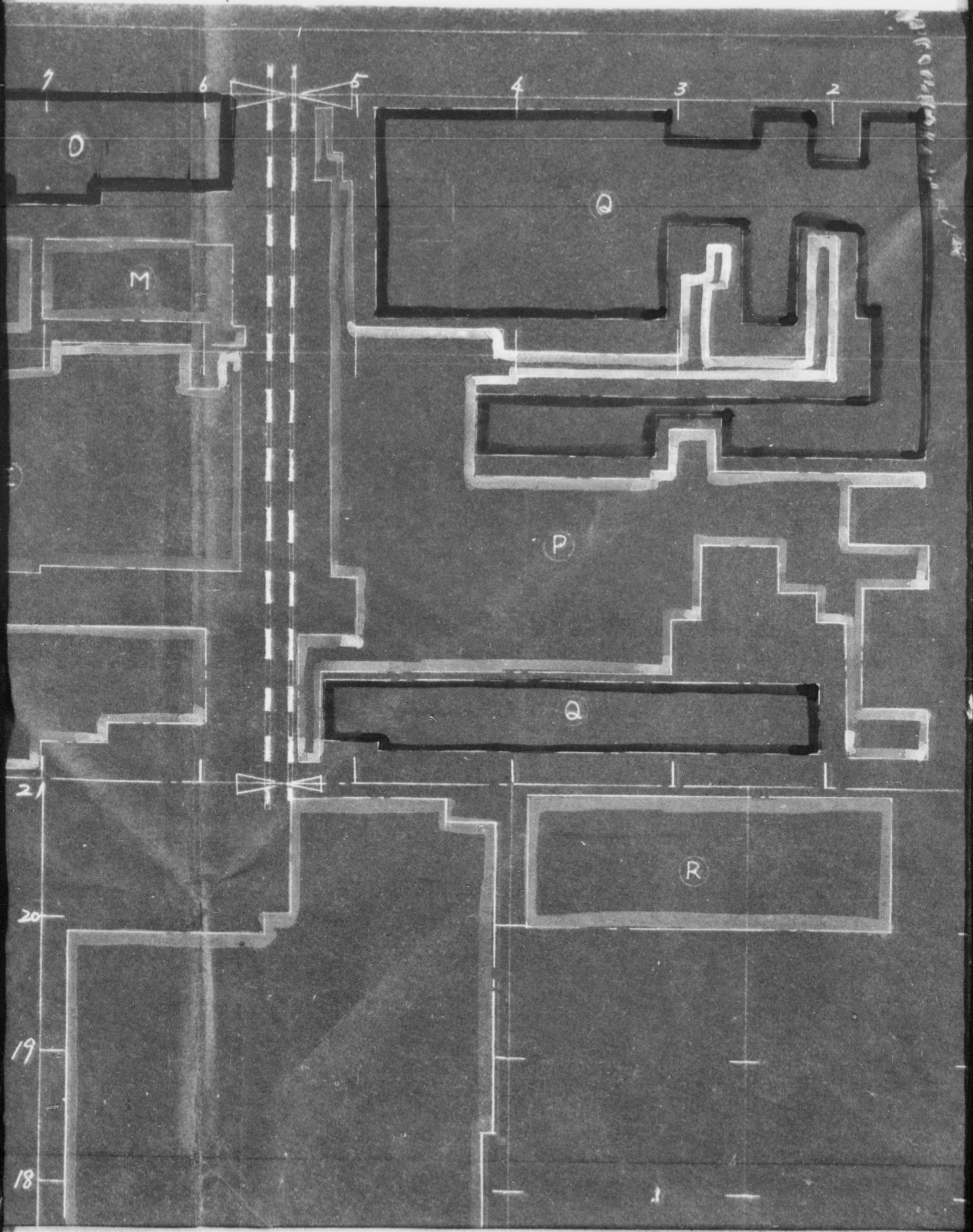
Bldg No. 8

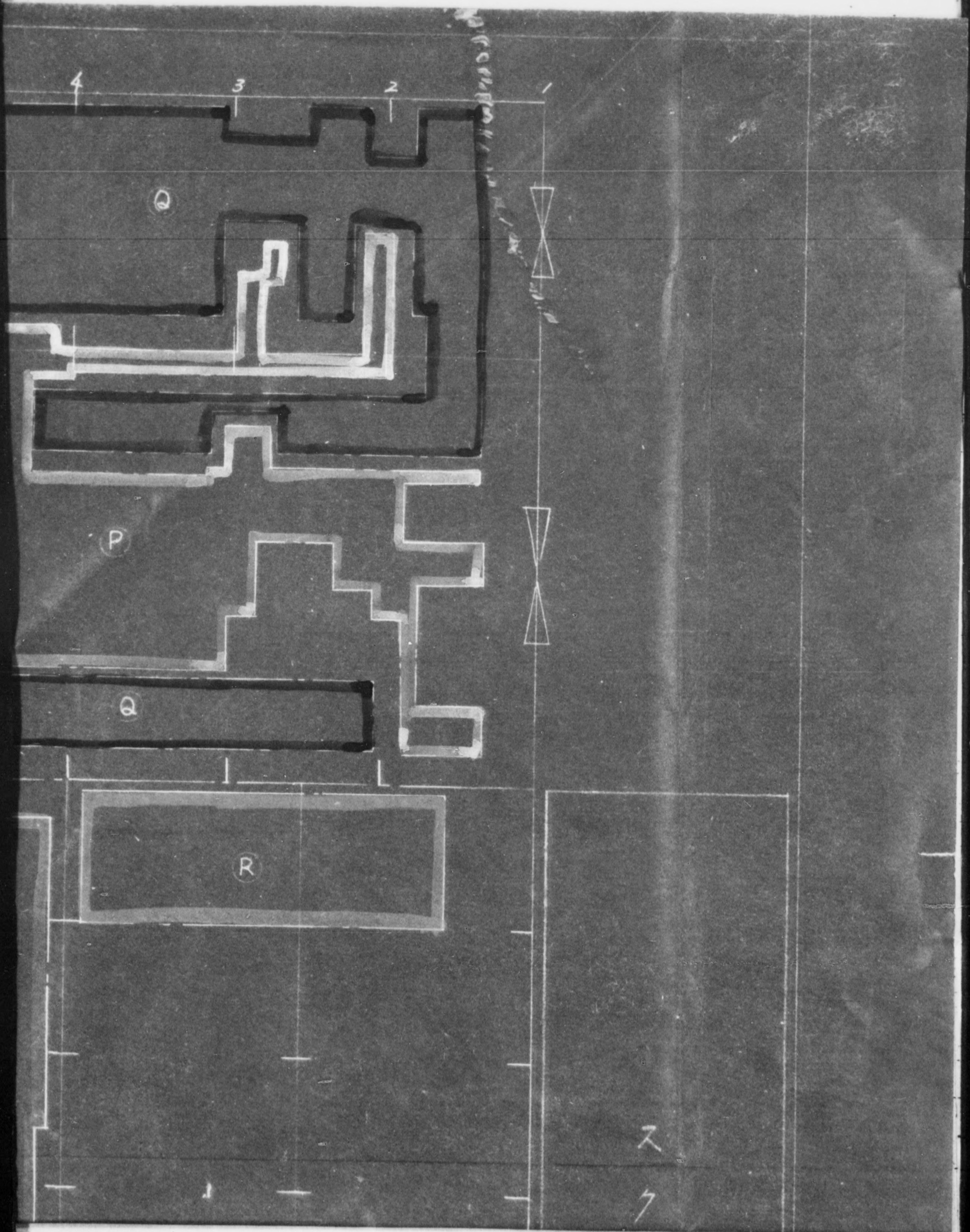
Bldg No. 63
SCRAM

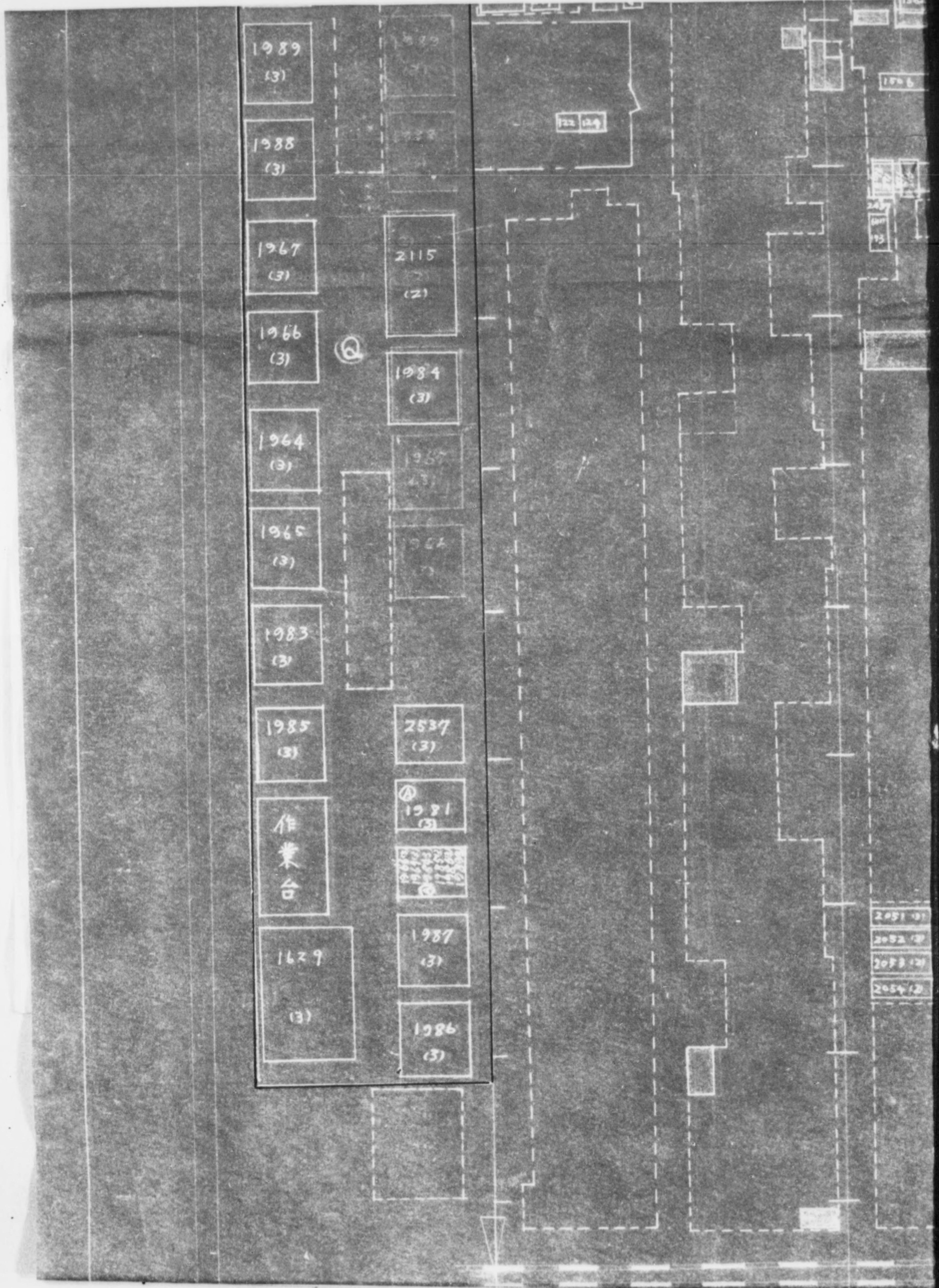












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Bldg
Bldg

Bldg-163
SCRAM

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② 1734

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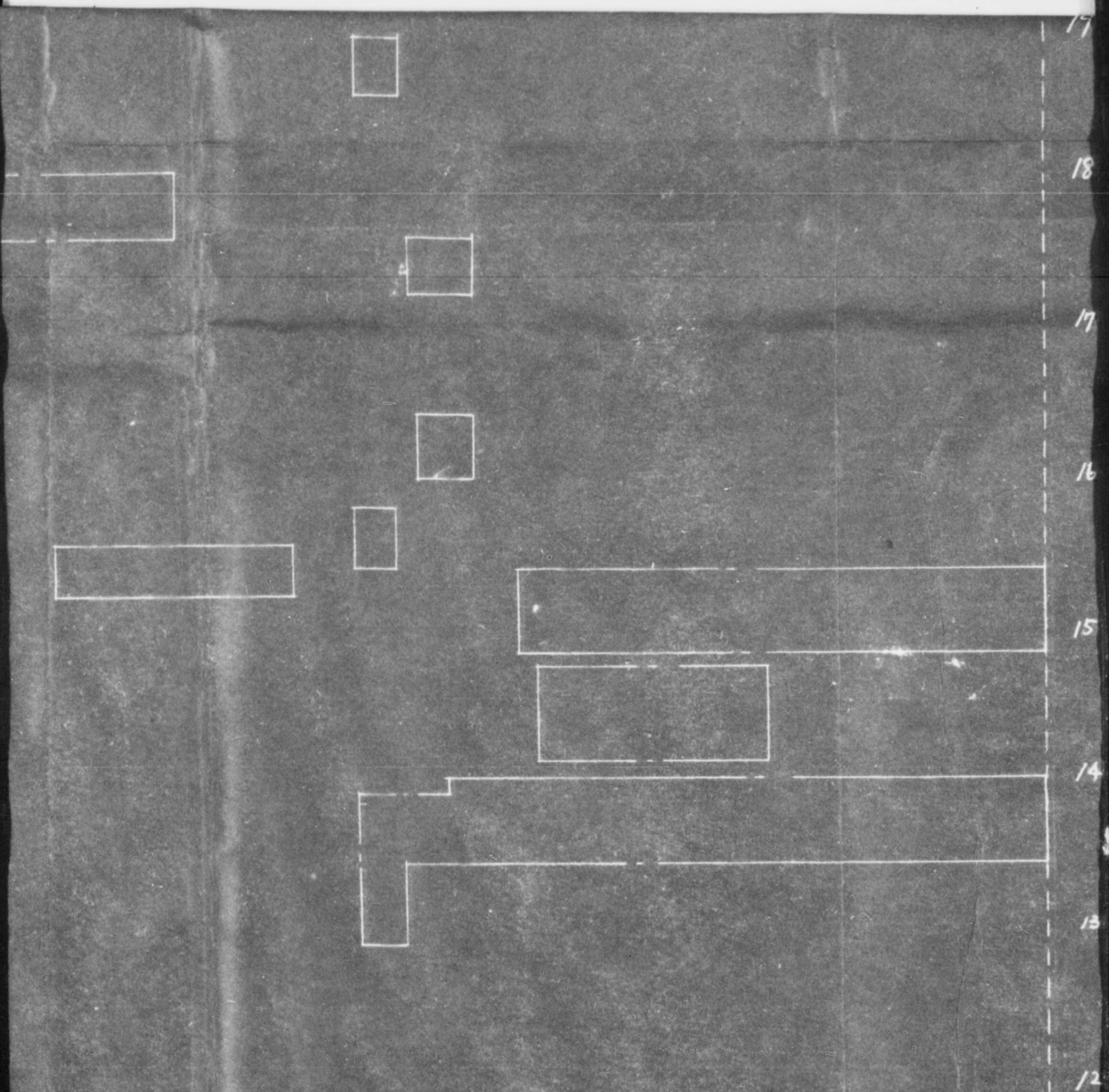
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1g-163
SCRAP

Removal position of Indemnity machine
中興地区 1, 2, 3 号建物 5 号

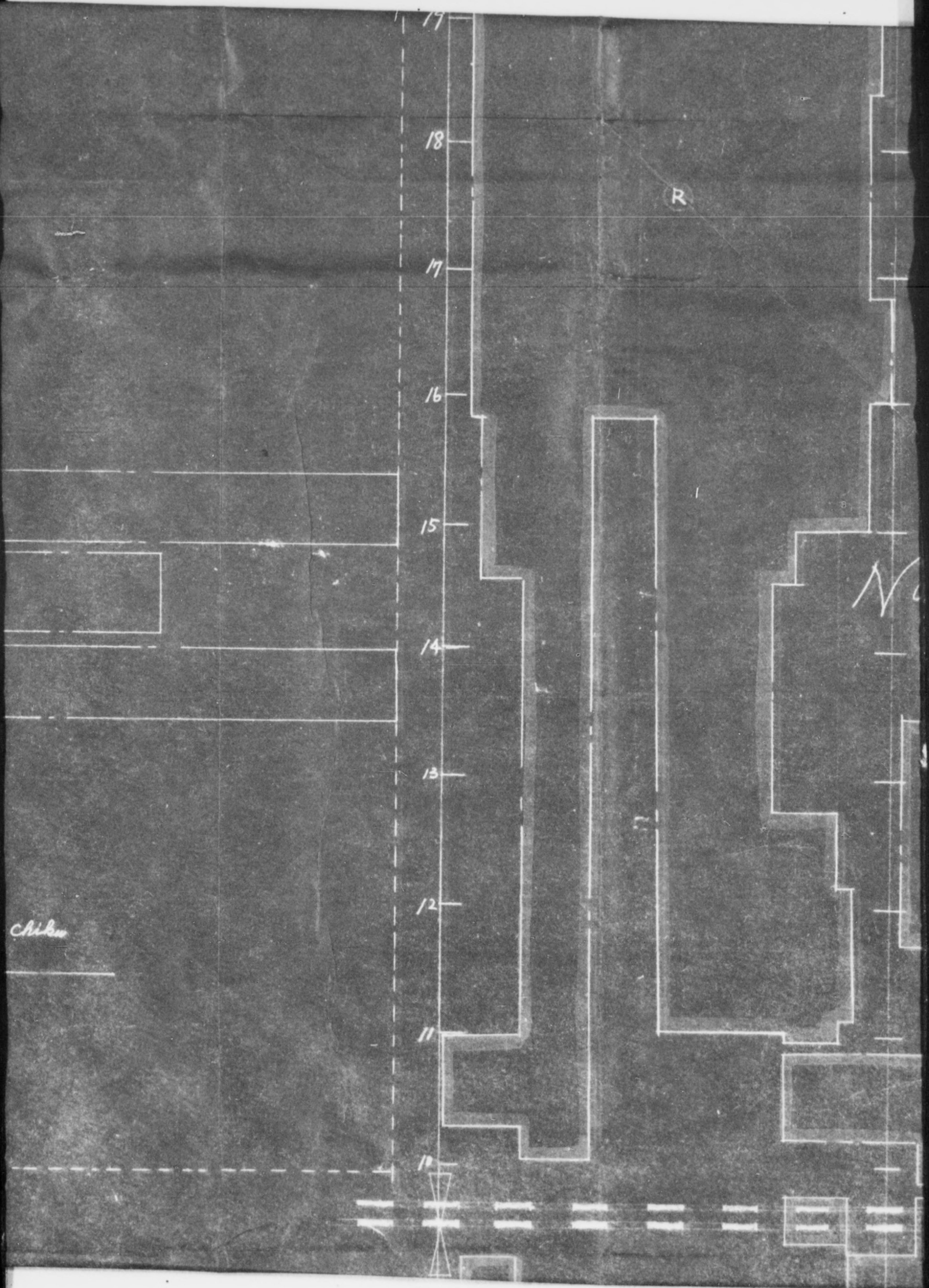
▬ (現在位置) Present position
□ (移動位置) Removal position



original position of indomine machinery at Akiho-Chiku

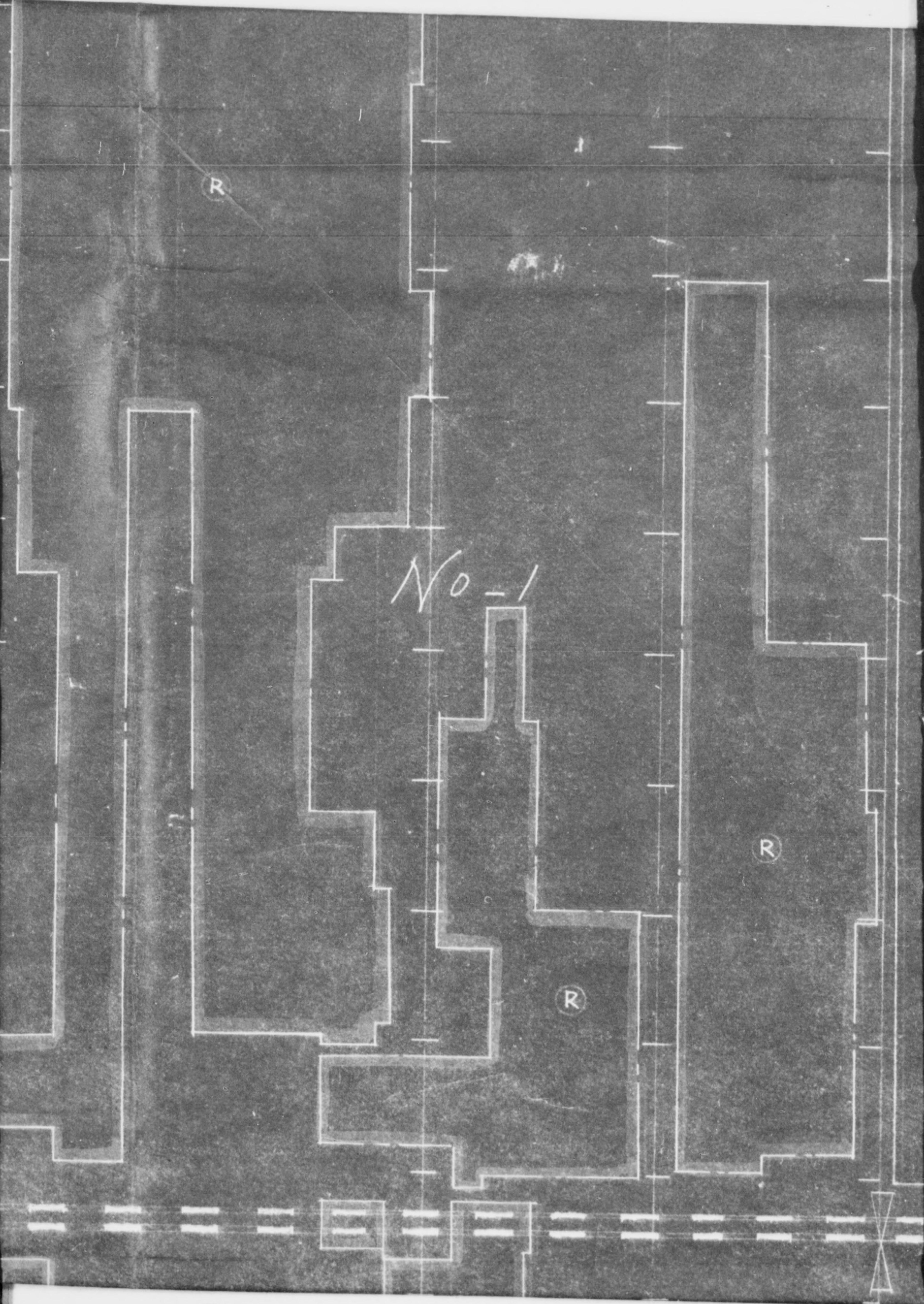
興地区 1.2.3号建物 § 250

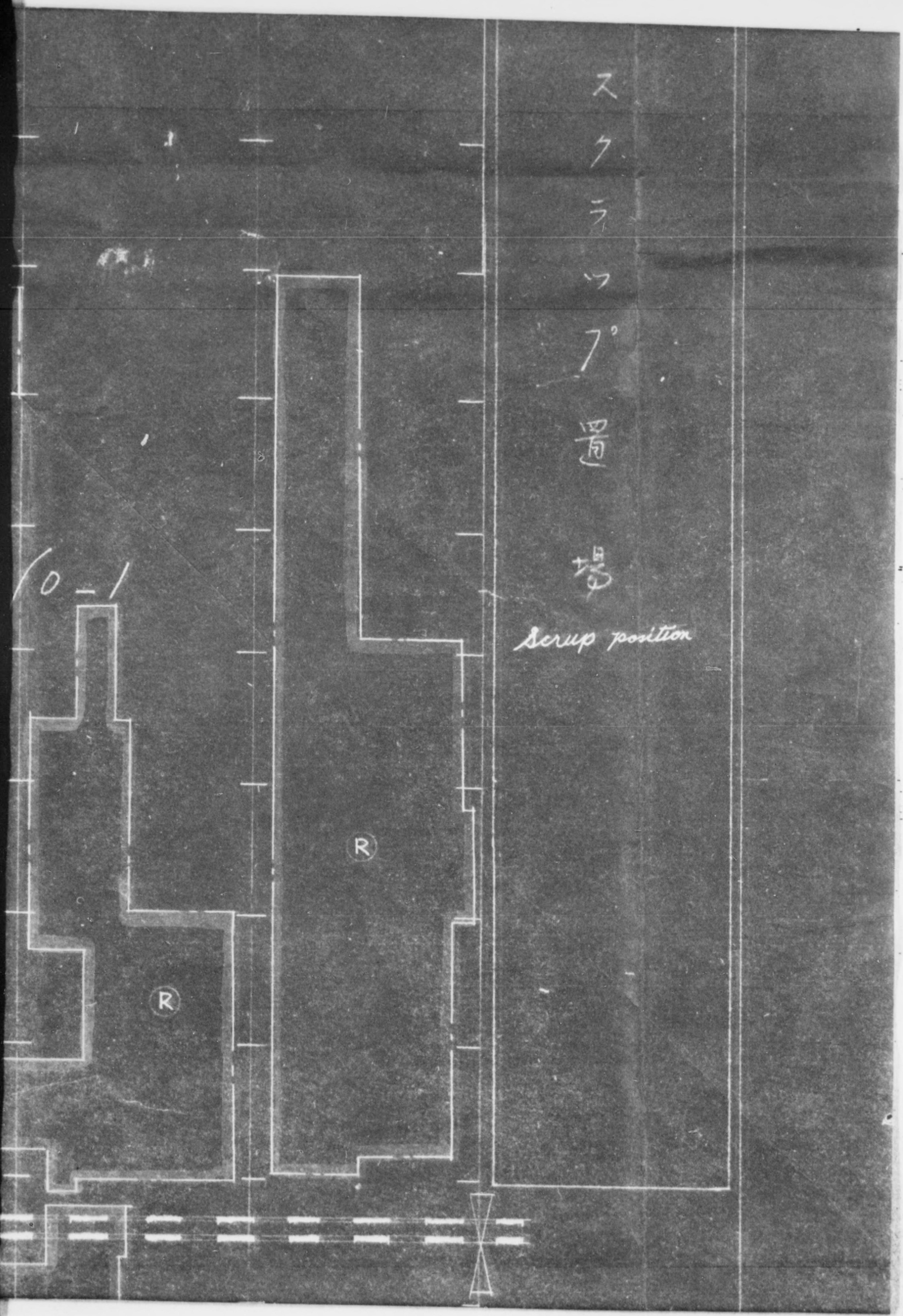
- (現在位置) Present position
- (移動位置) Removal position



Chiba

N





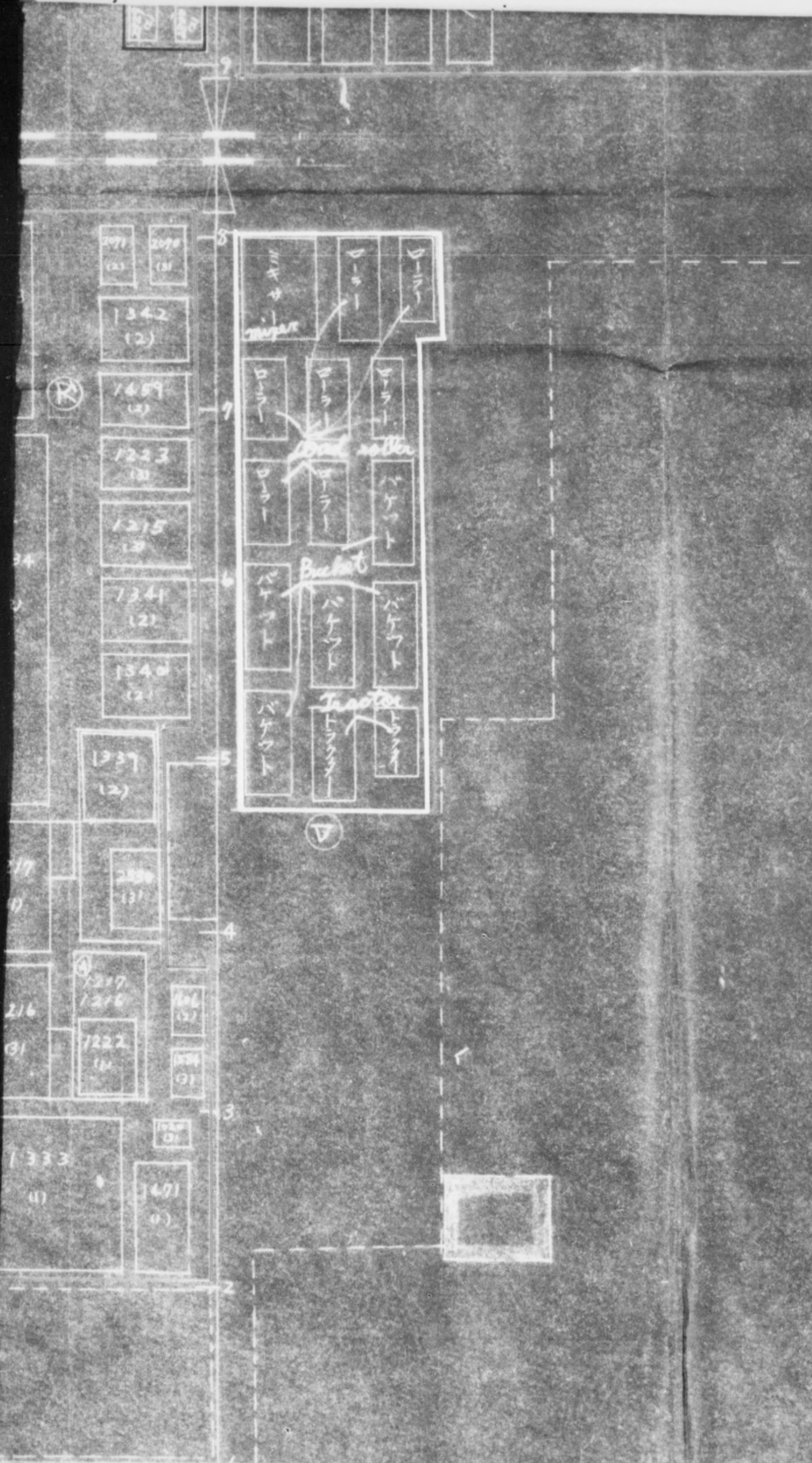
スクラップ位置

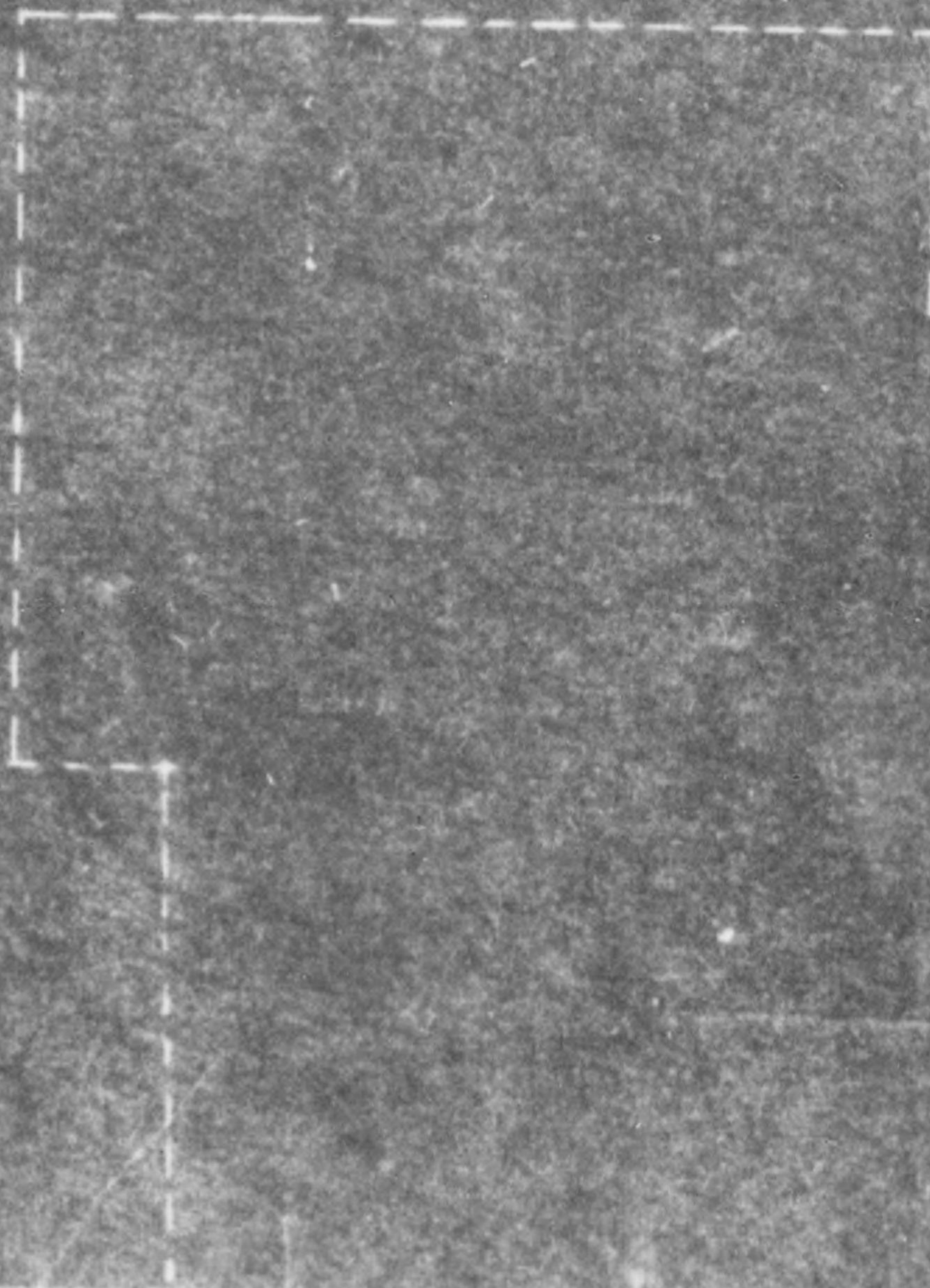
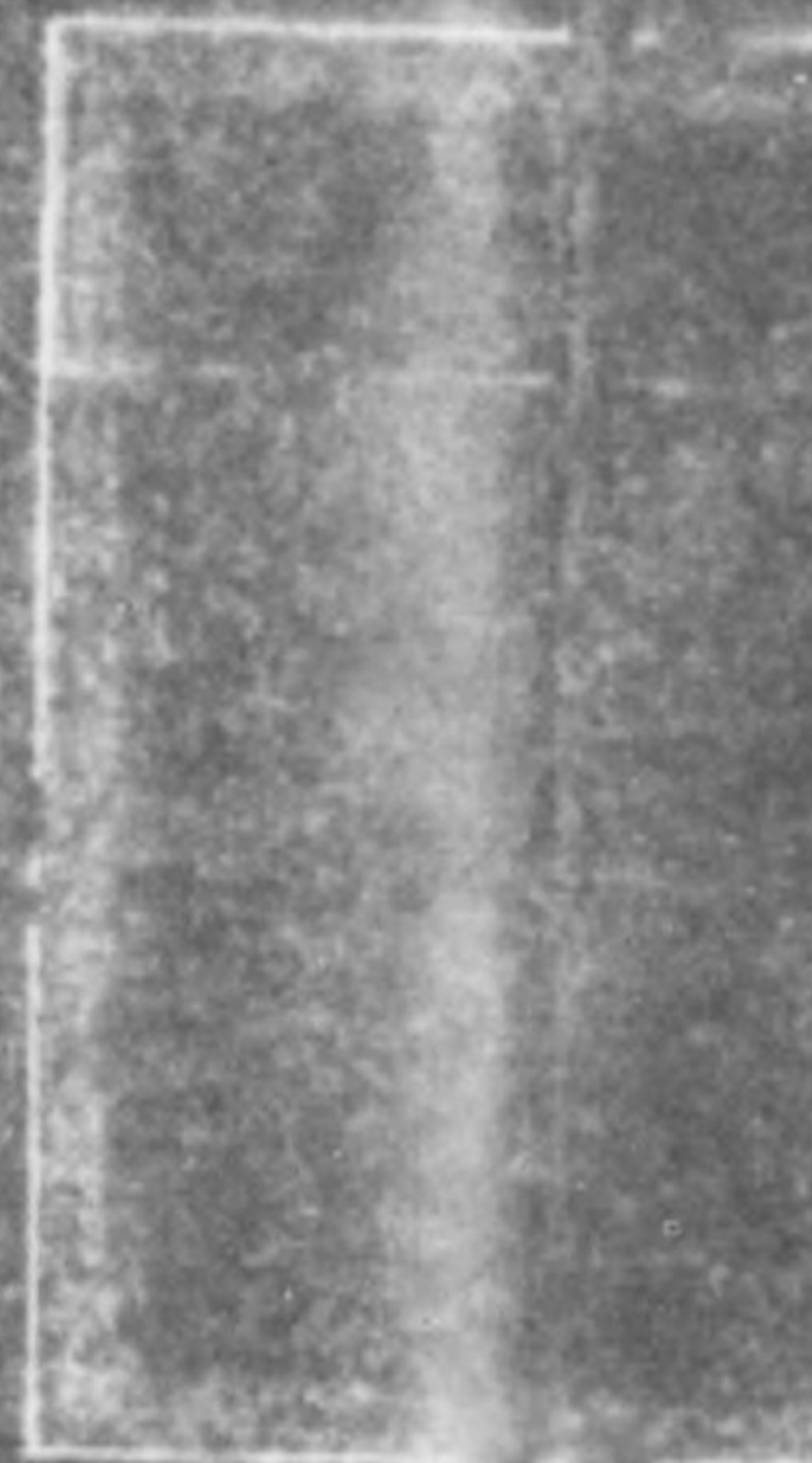
Scrap position

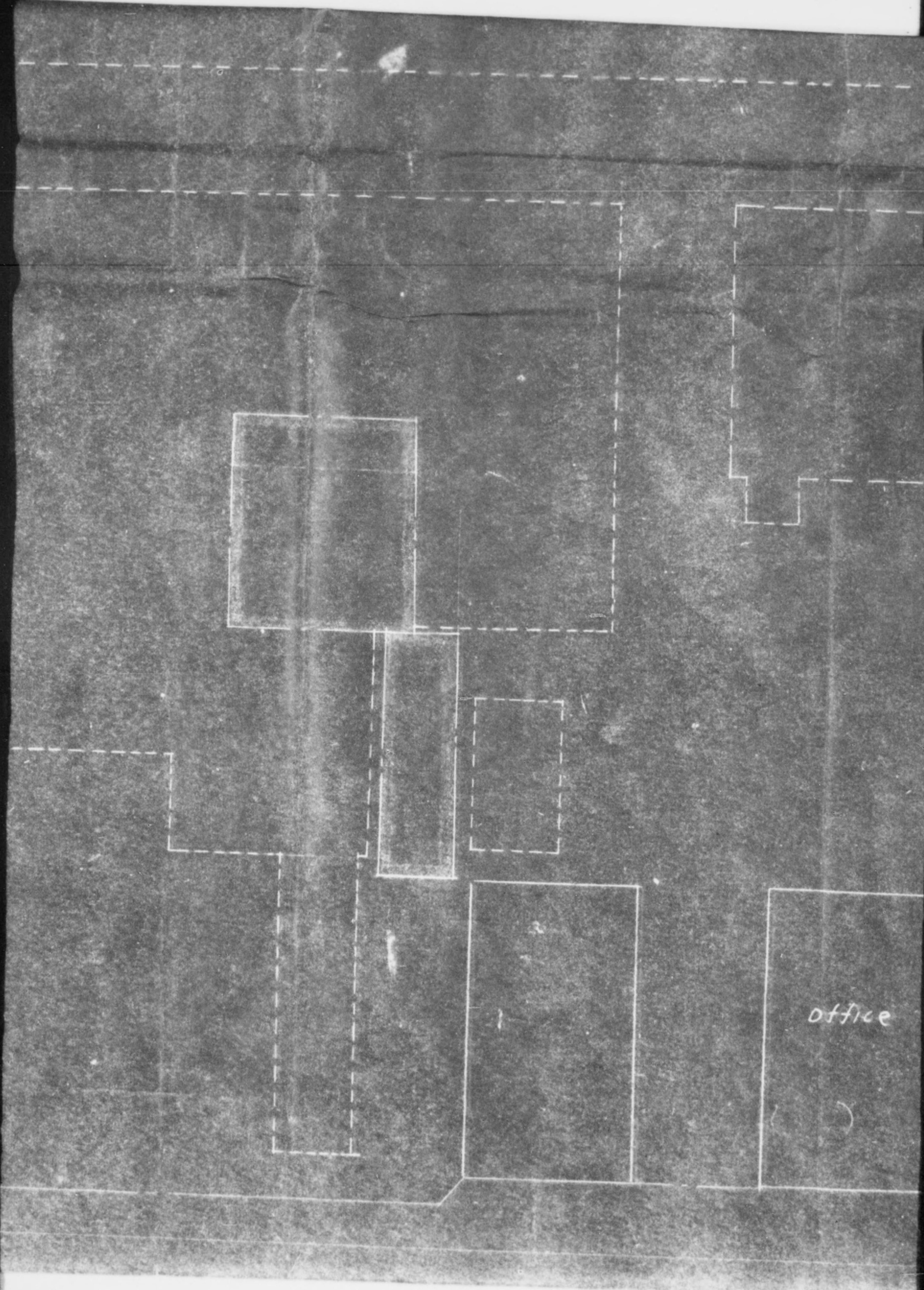
10-1

R

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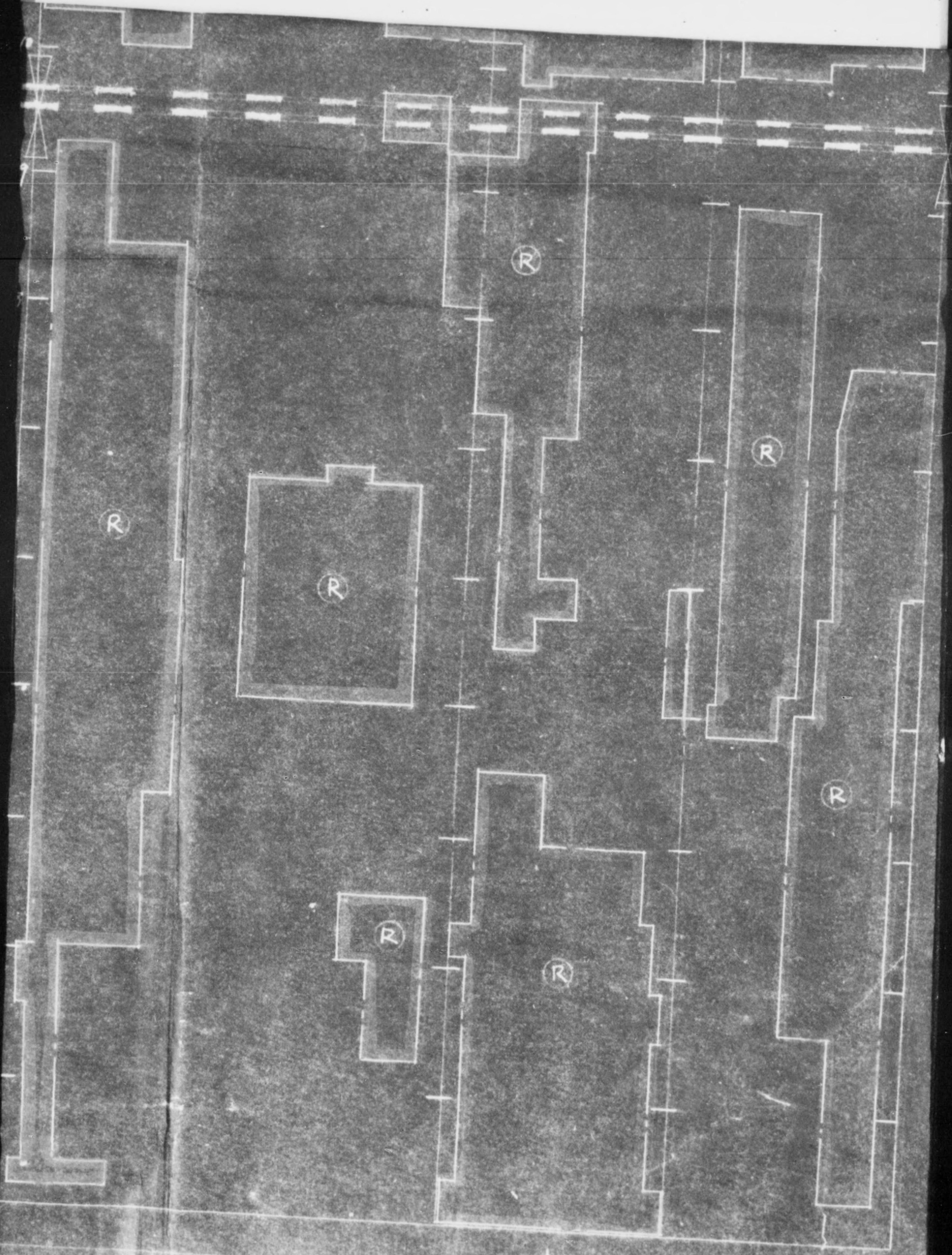


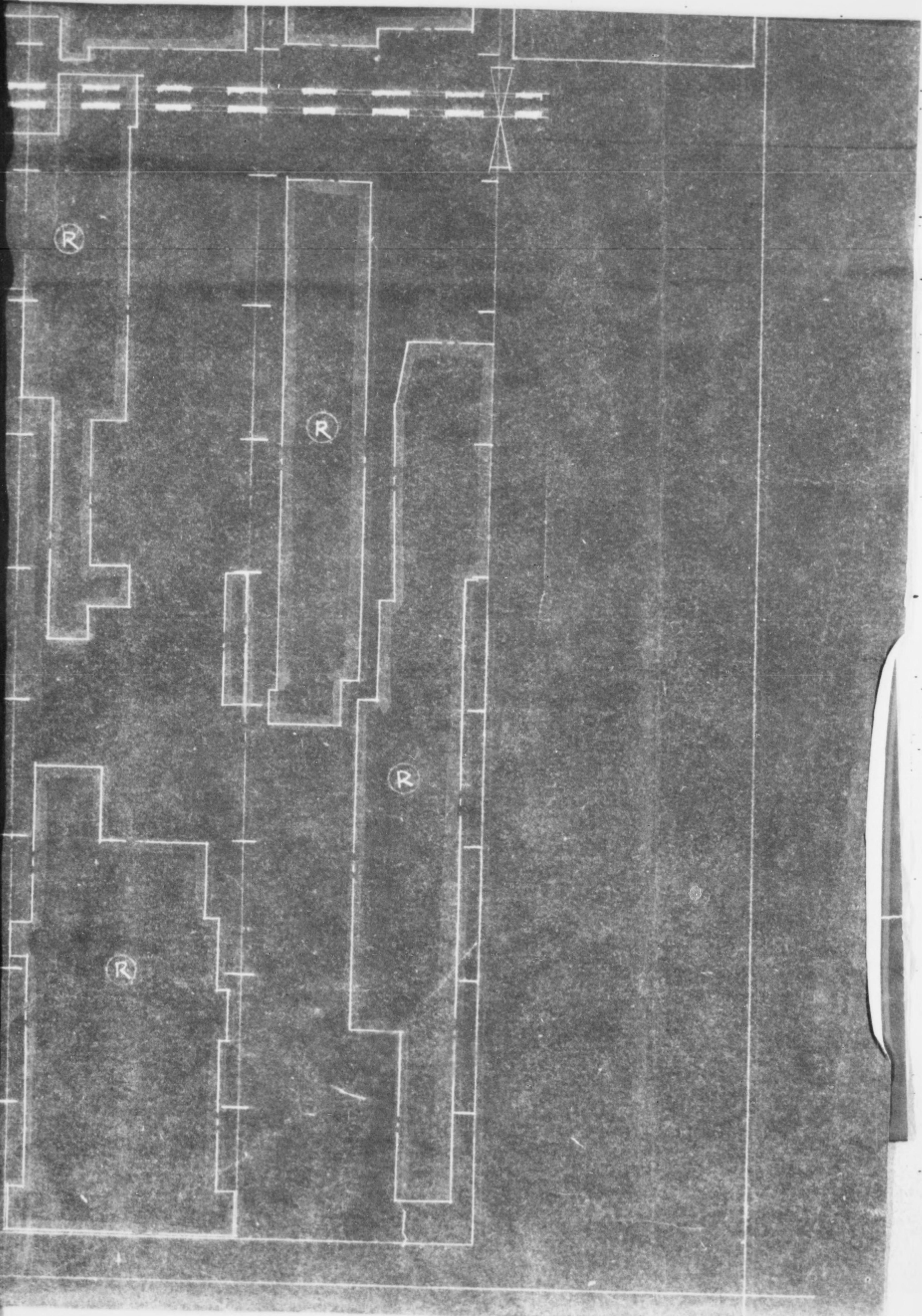


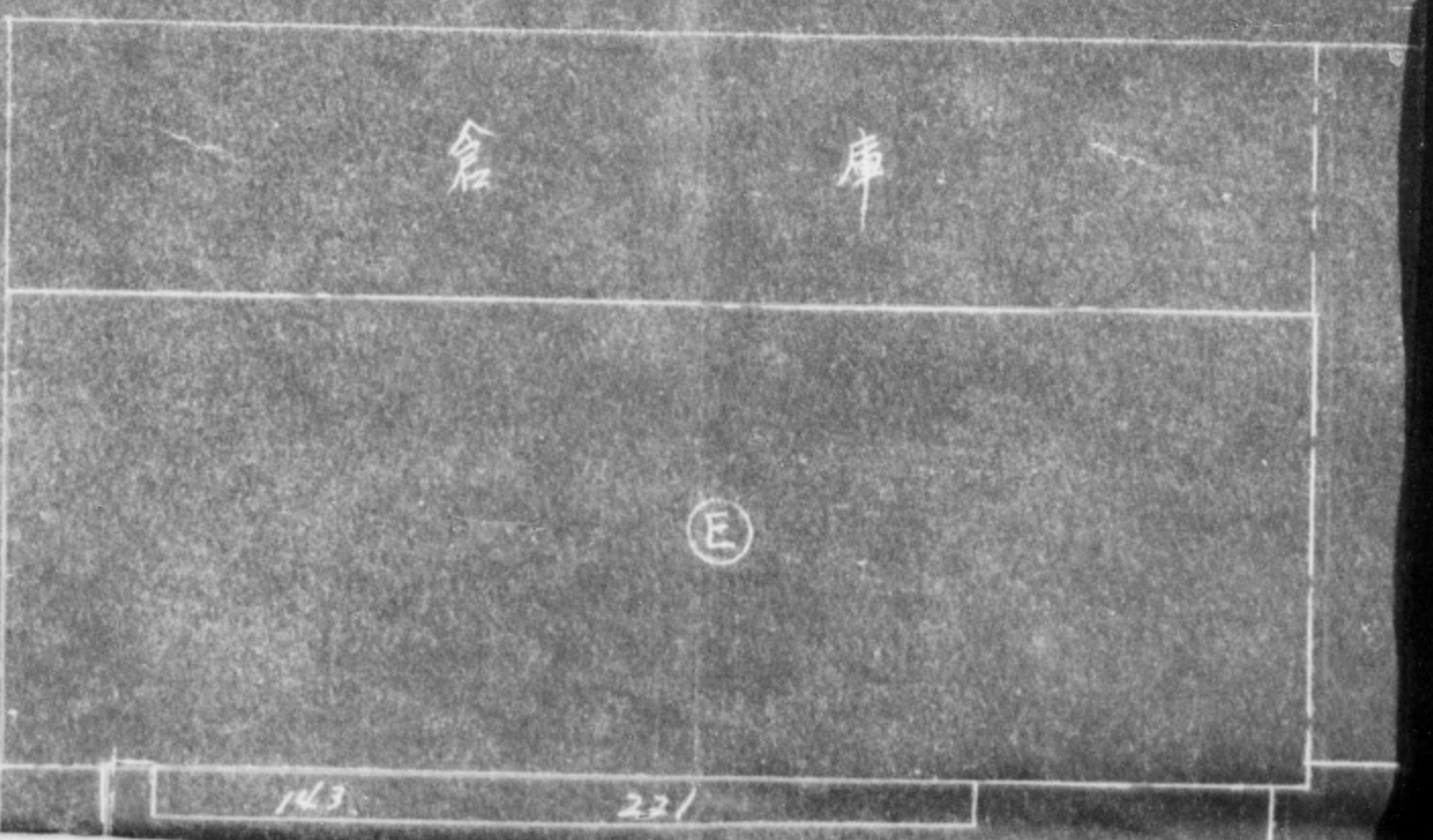
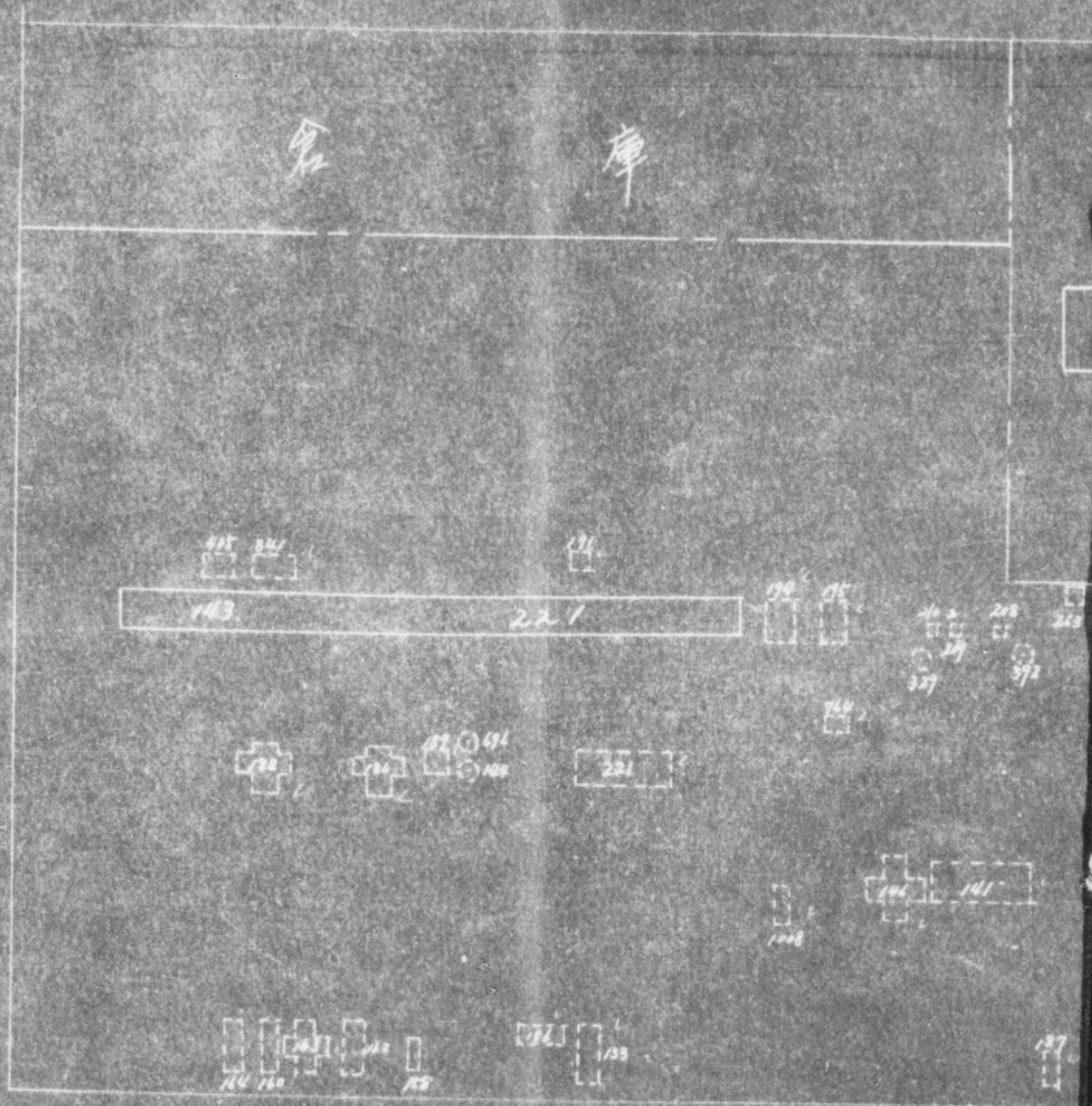


office







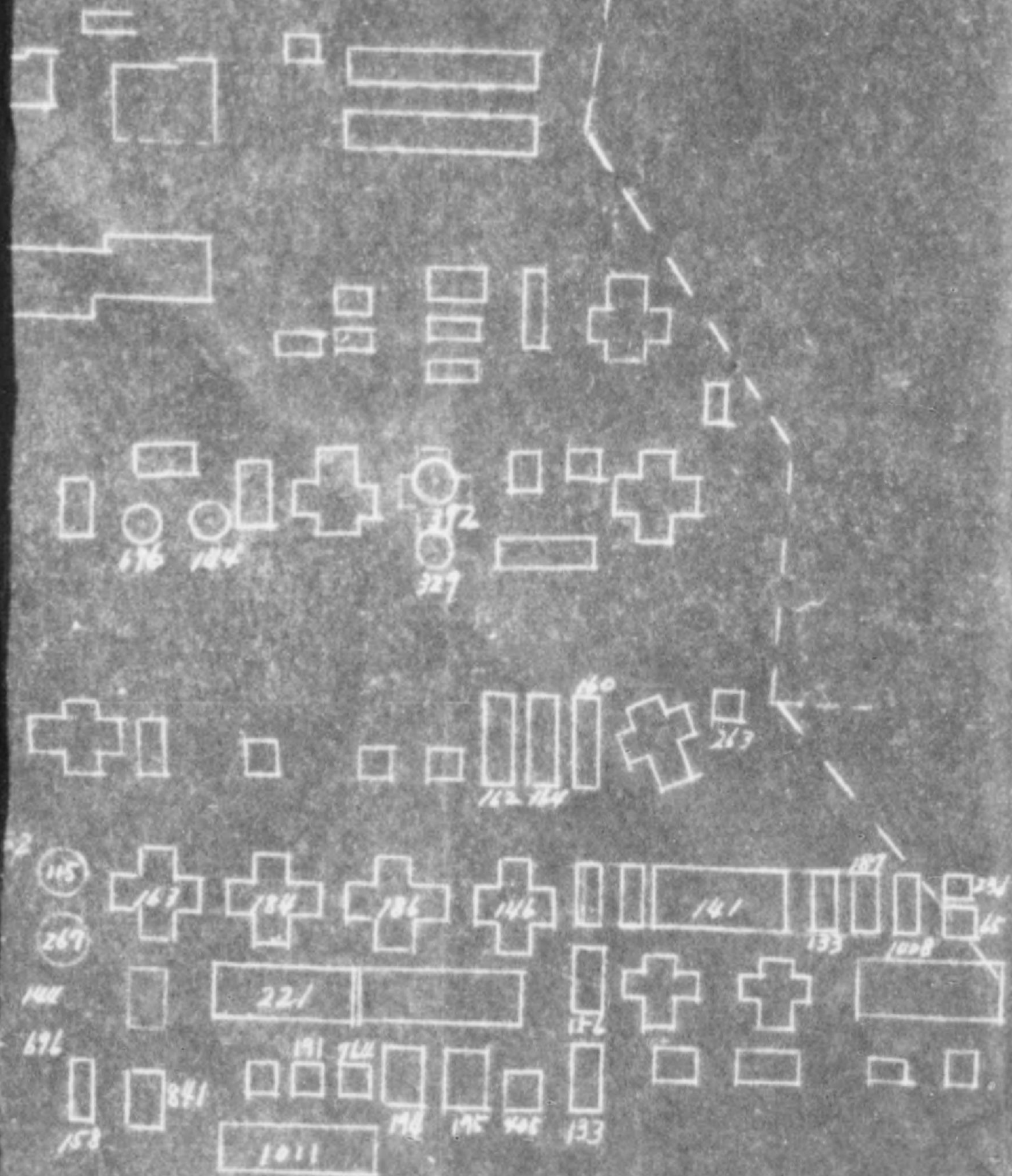




No4号家移前 200:1

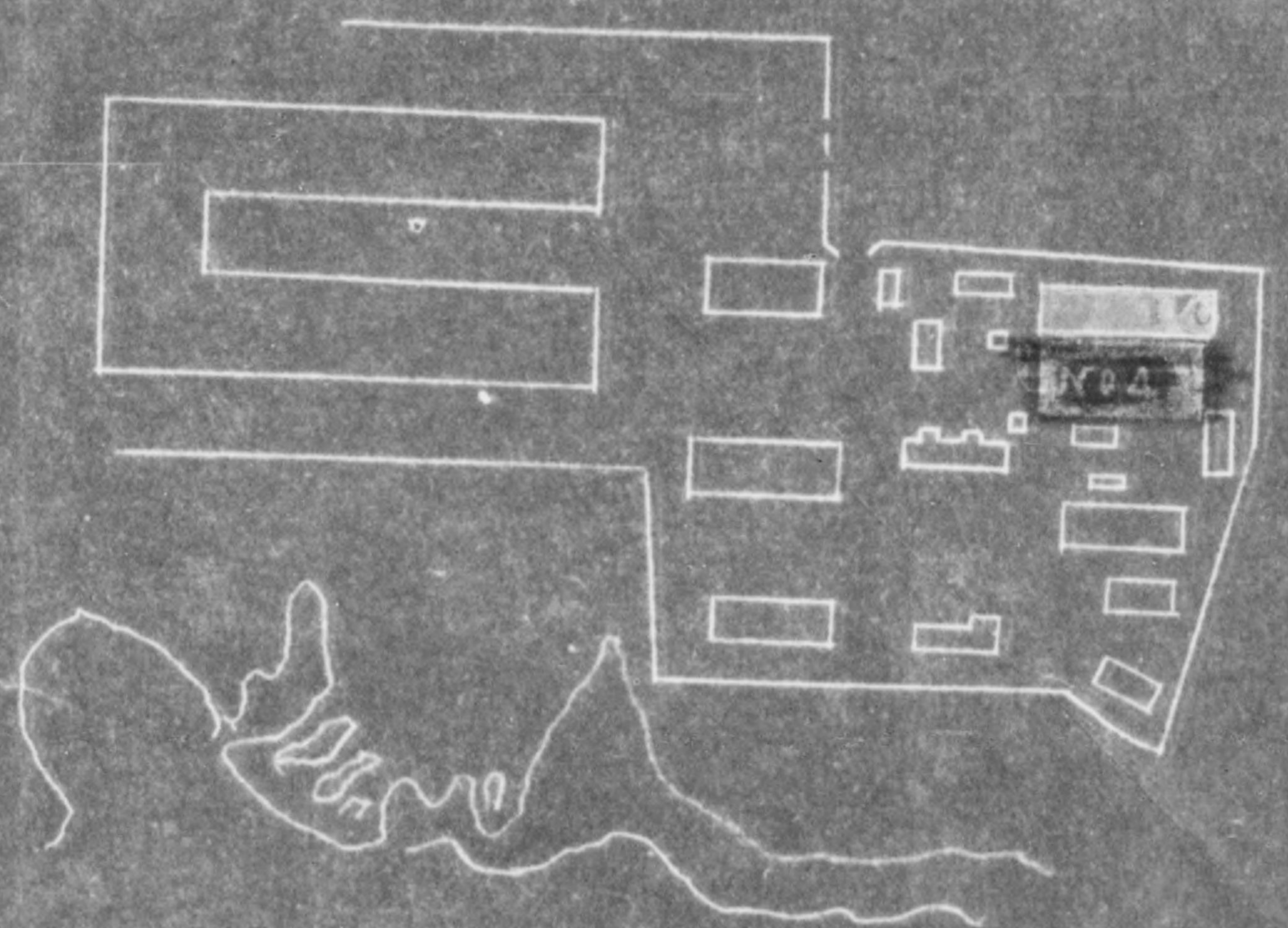
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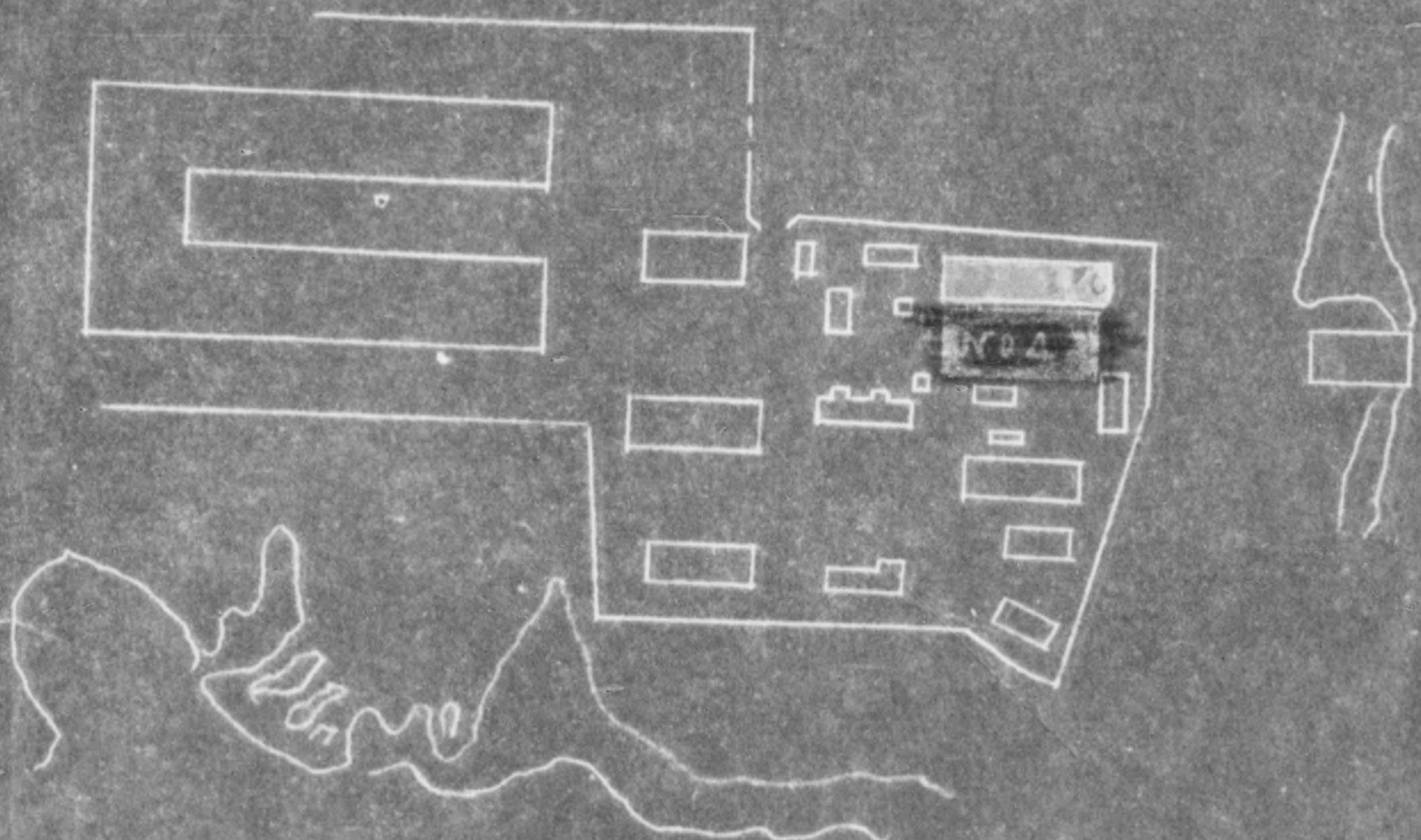
前 200, 1





工廠工務部





広銀工務部



(E)

143

221

(N)

153/ (3)	1522 (2)	1435 (2)	1384 (1)	217 (2)	1274 (0)	1390 (1)	2116 (2)	111 (3)	1842 (3)	109 (2)	118 (3)			
1577 (4)	1578 (3)	1439 (2)	1379 (2)	1373 (2)	1475 (0)	1108 (1)	1474 (2)	112 (3)	1405 (2)	105 (2)	106 (3)			
1827 (2)	1091 (2)	1247 (2)	66 (3)	102 (2)	75 (2)	42 (2)	40 (2)	38 (2)	32 (3)	30 (2)	85 (2)	76 (2)	81 (2)	52 (2)
			107 (2)	68 (3)	103 (0)	19 (1)	41 (2)	39 (2)	37 (2)	31 (2)	29 (2)	67 (3)	82 (2)	

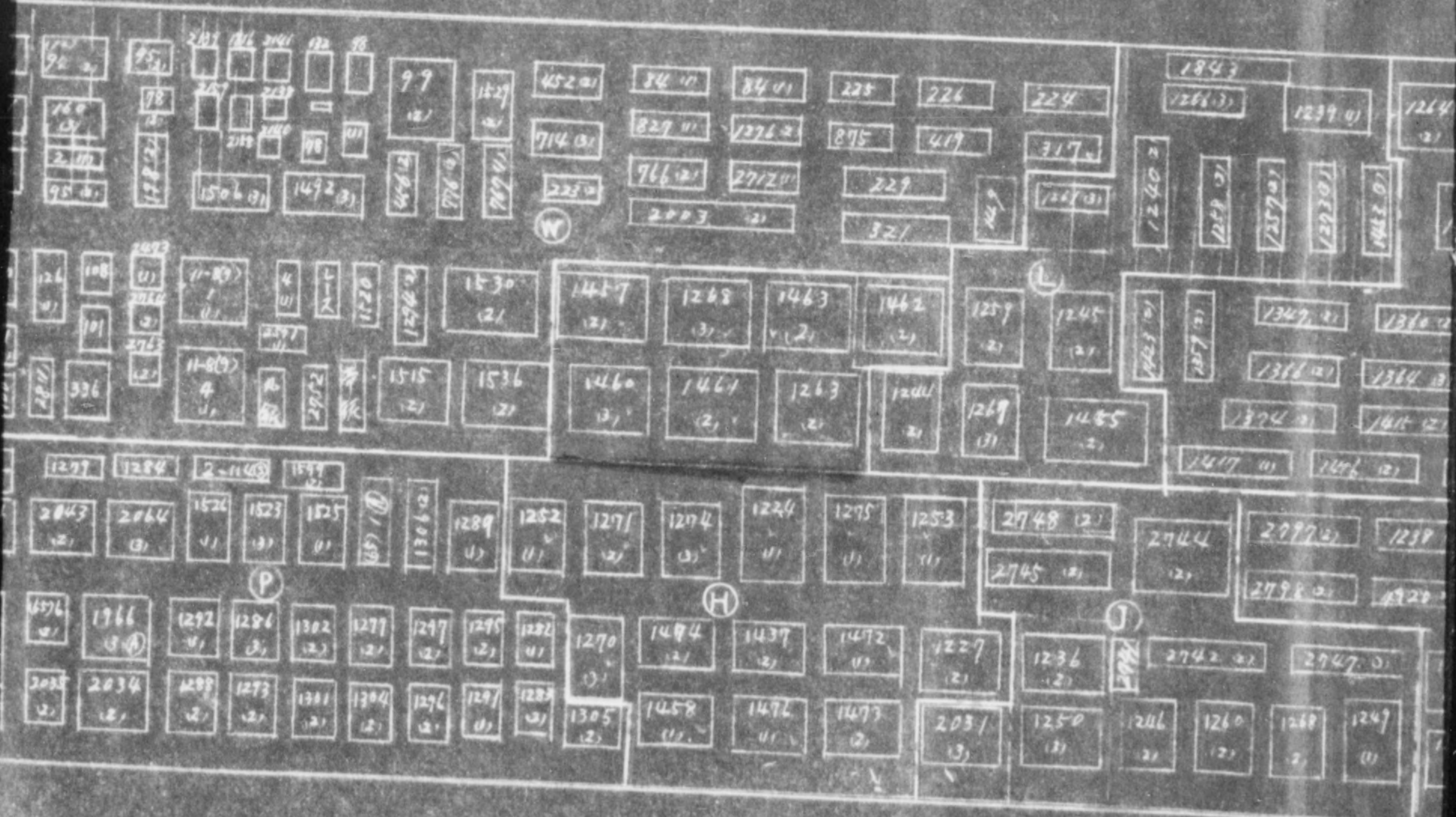
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9741	91 (1)	1391	93 (1)	92 (2)	95 (1)	203	186	2041	122	98	99 (2)				
104	1522 (2)	2577 (1)	152/ (2)	160 (2)	78 (2)	207	208	209	98 (1)	1506 (3)	1492 (3)	1515 (2)			
94 (1)	88 (1)	96 (2)	2110	95 (1)	178 (2)	1506 (3)	1492 (3)	1515 (2)	1515 (2)	1515 (2)	1515 (2)	1515 (2)			
1945 (1)	1946 (1)	1947 (1)	1948 (1)	1949 (1)	1950 (1)	1951 (1)	1952 (1)	1953 (1)	1954 (1)	1955 (1)	1956 (1)	1957 (1)	1958 (1)	1959 (1)	1960 (1)
1994 (3)	2014 (3)	2043 (2)	2064 (3)	1521 (1)	1523 (1)	1525 (1)	1527 (1)	1529 (1)	1531 (1)	1533 (1)	1535 (1)	1537 (1)	1539 (1)	1541 (1)	1543 (1)
25 (2)	23 (2)	24 (2)	26 (2)	28 (2)	30 (2)	32 (2)	34 (2)	36 (2)	38 (2)	40 (2)	42 (2)	44 (2)	46 (2)	48 (2)	50 (2)

(P)

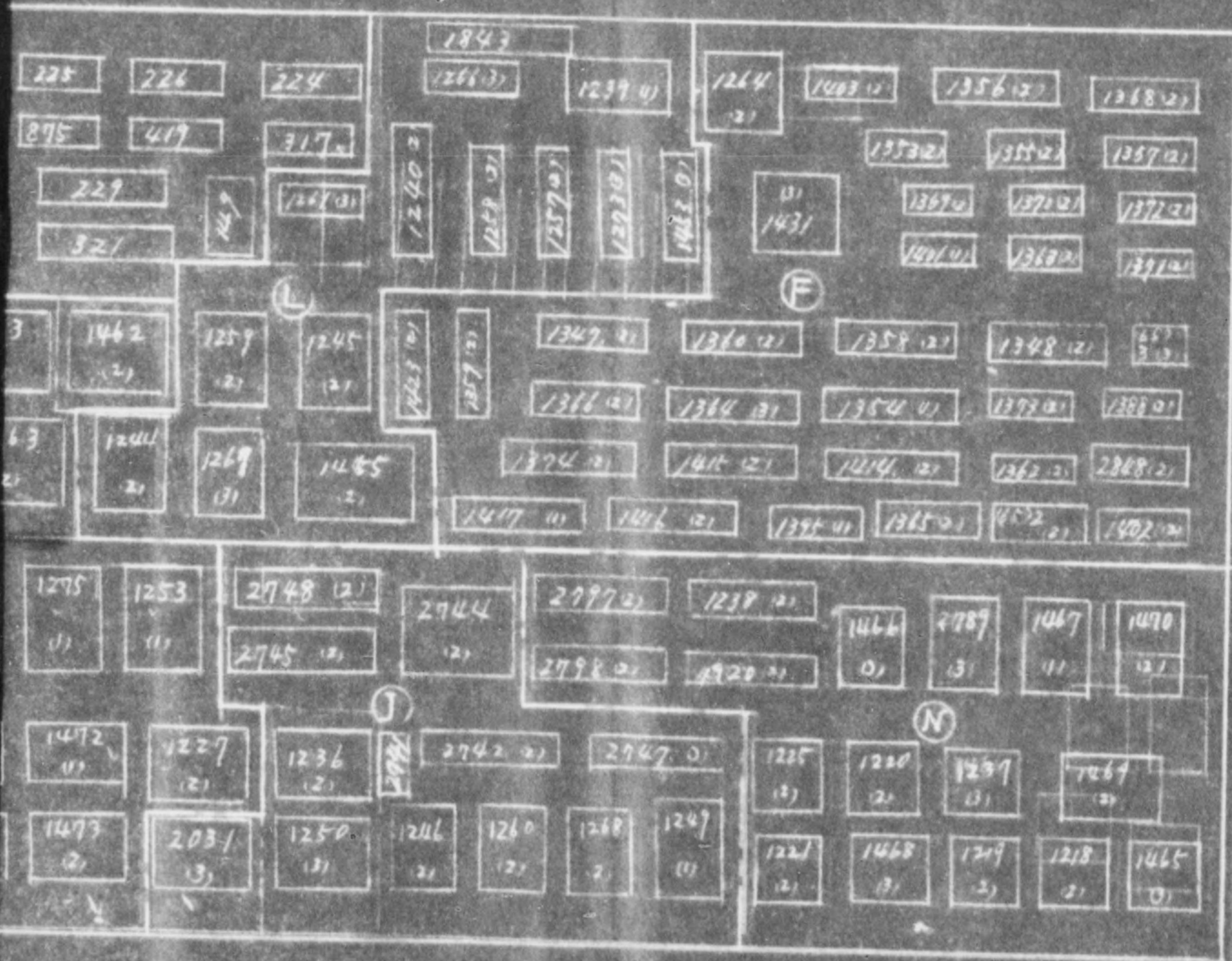


No. 4 household 200:1



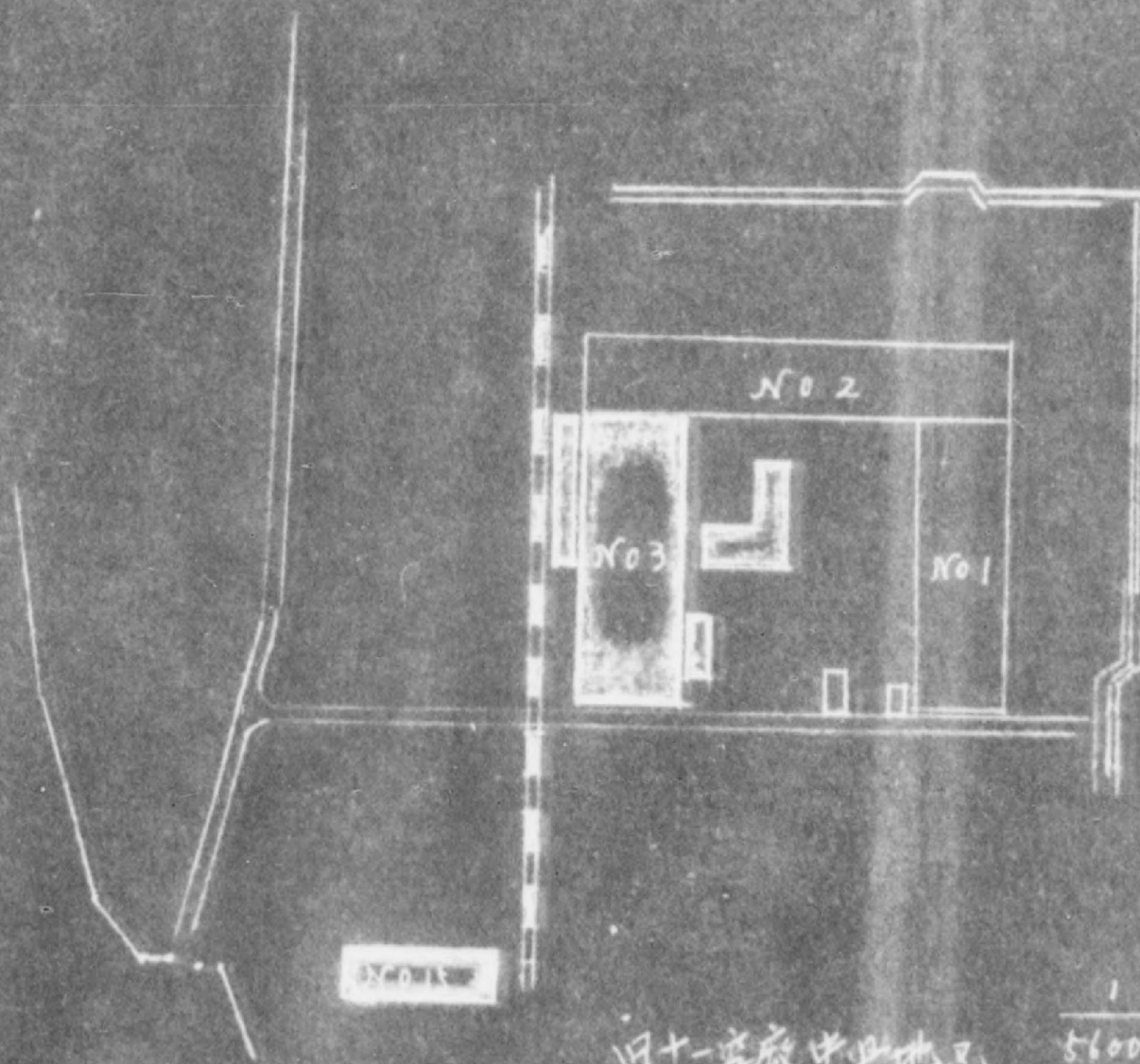
No. 15 household 250:1

行後 200:1

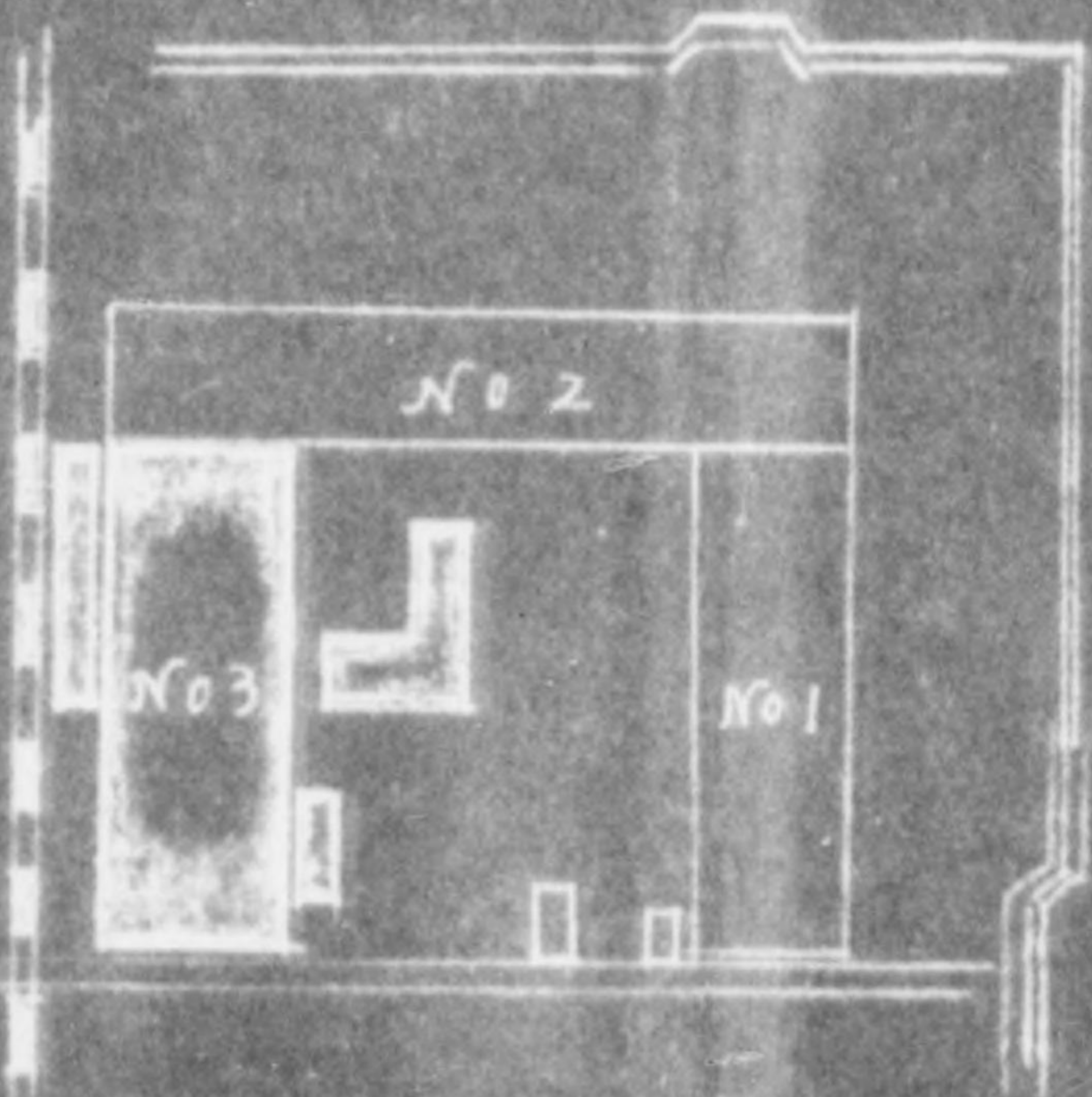


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127	1268 (2)
155 (2)	1257 (2)
137 (2)	1372 (2)
156 (2)	1371 (2)
148 (2)	157
	5 (2)
172 (2)	1368 (2)
162 (2)	2868 (2)
152 (2)	1502 (2)
1467	1490
11	127
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1218	1465
2	10



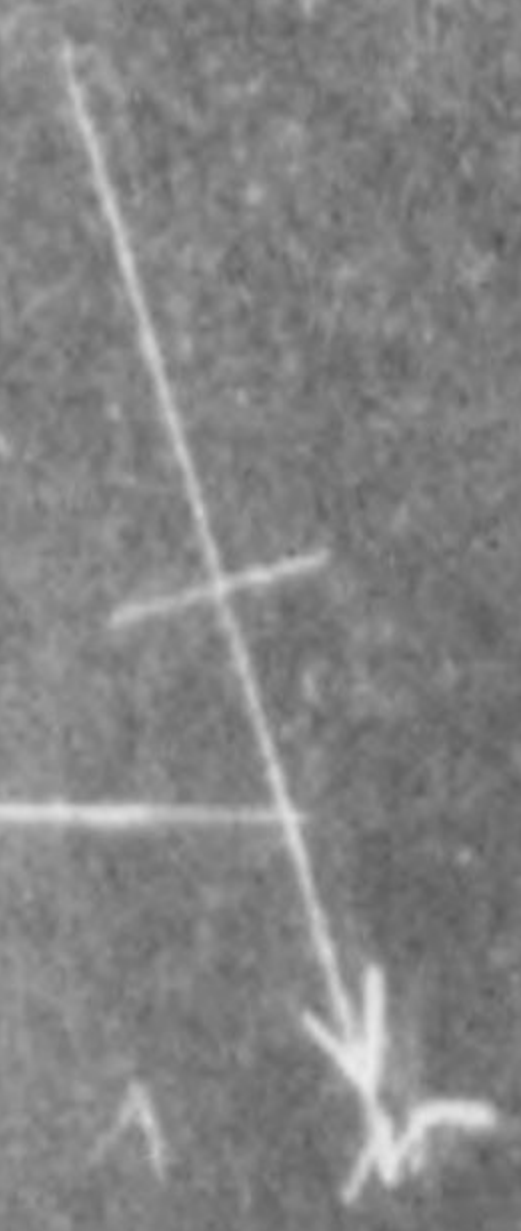
河十一安廠中興地已 5600

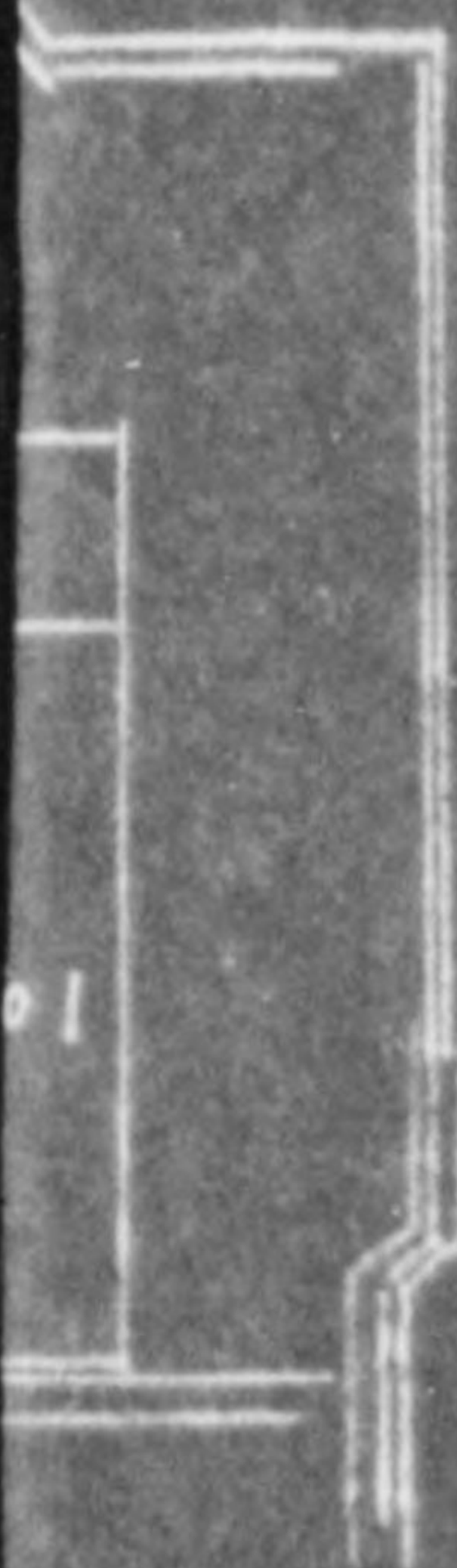


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HUGOKU
 HIROSHIMA FINANCE BUREAU

SYM/th

KFL No. 1-23

13 March 1951

To : Chugoku Civil Affairs Region,
 Attn. Economic Section

Subject: Application for Emergency Use of Reparations
 Equipment by Yowa Shoji K.K.

1. It will be greatly appreciated if approval be given by your office for the emergency use of the below indicated reparations equipment by the Yowa Shoji K.K., Kure Branch who got the contract of the scrapping of the machines for melt-down which are released by CPC, SCAP on 18 December 1950.

Winch, code No. 11-6(9)-298
 Motor attached thereto, code No. 11-6(9)-842

2. The two machines are presently located in the dead storage within the Hiro Shop, National Railways, Hiro, Kure City and will be used upon approval in the same area.

3. The term of use is until 31 March from 13 March 1951.

4. High consideration on this matter will be greatly appreciated.

Mr. Kiel to Mr. Lusk - 13 March 1951 (1600) hours

Request - approved.

Finance Bureau will report

- 1. no of days used*
- 2. when returned to storage*
- 3. Condition*

M. Yamashita

K. Yamashita
 KATSUTOSHI YAMASHITA
 Chief of Kure Reparations Branch,
 Chugoku Finance Bureau

*11-6(9)
 acc H*

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF
DESIGNATED REPARATION MACHINERY AND EQUIPMENT

ss: 61

February March 5, 1951.

TO : Ministry of Finance.

FROM: S. Murakami, Director & General Manager,
Kobe Shipyard & Engine Works,
Central Japan Heavy-Industries, Ltd.
(Former - Mitsubishi Heavy-Ind., Ltd.)
3-chome Wadasaki-cho, Hyogo-ku,
Kobe.

1. Name (Code No.) and location of the plant which intends to use designated reparation machinery and equipment.

Kobe Shipyard & Engine Works, Central Japan Heavy-Industries, Ltd. (Former - Mitsubishi Heavy-Ind., Ltd.)
(Code No. 13-72) 3-chome Wadasaki-cho, Hyogo-ku, Kobe.

2. Name (Code No., Category) and location of the plant where designated reparation machinery and equipment to be used actually exist.

<u>Name</u>	<u>Code No.</u>	<u>Category</u>	<u>Location</u>
<u>Kure Naval Arsenal:</u>			
Amagasaki Seitetsu K.K., Kure Factory	11-05(6)	Naval Arsenal	Kure City
<u>11th Aeronautical Arsenal:</u>			
Chugoku Kosan K.K.	11-06(8)	"	Hiro-machi, Kure City.
Kawanami Kogyo K.K.	11-06(8)	"	14580 Suehiro, Hiro-machi, Kure City.
Nishiohara Ware House	11-06(8)	"	Yayoi, Shingai, Hiro-machi, Kure City.
Hiro Shop, Hiroshima Railway Work Shop	11-06(9)	"	14070 Hiro-machi, Kure City.

11-6(8)
Set II

- 2 -

3. List of designated reparation machinery and equipment to be moved and used.

Kure Naval Arsenal:

Amagasaki Seitetsu K.K., Kure Factory.

Section: Integrated facility.
Item : Machine tool.

<u>Name of machine</u>	<u>Inventory No.</u>	<u>Q'ty</u>	<u>Class</u>	<u>Remarks</u>
Drilling machine- Radial- Plain	11-05(6)-1177	1		Sec. - I.F. Sheet page - 199
Grinder - Surface- Vertical	11-05(6)-1462	1		Sec. - I.F. Sheet page - 206
		<hr/>		
	Total:	2		

11th Aeronautical Arsenal:

Chugoku Kosan K. K.

Section: Integrated facility.
Item : Machine tool.

<u>Name of machine</u>	<u>Inventory No.</u>	<u>Q'ty</u>	<u>Class</u>	<u>Remarks</u>
Boring m/c- Horizontal- Table	11-06(8)-1212	1		Sec. - I.F. Sheet page - 16
Lathe- Engine	11-06(8)-1322	1		Sec. - I.F. Sheet page - 54
"	11-06(8)-1330	1		Sec. - I.F. Sheet page - 55
"	11-06(8)-1410	1		Sec. - I.F. Sheet page - 115
		<hr/>		
	Total:	4		

- 3 -

Kawanami Kogyo K. K.

Section: Integrated facility.
Item : Machine tool.

<u>Name of machine</u>	<u>Inventory No.</u>	<u>Q'ty</u>	<u>Class</u>	<u>Remarks</u>
Boring m/c- Horizontal- Facing	11-06(8)- 427	1		Sec. - I.F. Sheet page - 1
Lathe- Heavy duty	11-06(8)- 856	1		Sec. - I.F. Sheet page - 123
Total:		2		

Nishiokawa Ware House.

Section: Integrated facility.
Item : Machine tool.

<u>Name of machine</u>	<u>Inventory No.</u>	<u>Q'ty</u>	<u>Class</u>	<u>Remarks</u>
Grinder- Surface- Horizontal	11-06(8)-2260	1		Sec. - I.F. Sheet page - 52

Hiro Shop, Hiroshima Railway Work Shop.

Section: Integrated facility.
Item : Machine tool.

<u>Name of machine</u>	<u>Inventory No.</u>	<u>Q'ty</u>	<u>Class</u>	<u>Remarks</u>
Boring m/c- Vertical Turret lathe	11-06(9)-571	1		Sec. - I.F. Sheet page - 165
Gear Cutter- Straight Bevel Generator	11-06(9)-663	1		Sec. - I.F. Sheet page - 309
Total:		2		

- 4 -

4. Necessity for movement and use of machinery and equipment.

This shipyard received permission from the 6th Army for Reconversion and Resumption of Peace-time Production on November 30, 1945 and also received permission from the General Headquarters for the Supplemental Reconversion on February 11, 1949 to manufacture all kinds of machines essential to civilian life.

Thereafter, this shipyard has made every possible efforts to manufacture machinery for land and marine use to help Japan's Industrial Rehabilitation.

At present, employing 9,000 workers and operating about 4,500 machinery to manufacture many kinds of machines in wide range as shown on the attached sheet "Present Producing Outlook".

Now, we are manufacturing a large number of engines in wide range to be installed in large new ships, patrol ships and also water and steam power plants for Pakistan and India, etc., and in this connection we must facilitate the production of various kinds of parts which are to be installed in the engines mentioned above, in a large quantity with good quality.

As our existing machines are not capable to satisfy the above demand due to their old-fashion and inaccuracy, we should obtain adequate machine for this particular purpose. Therefore, we make every possible efforts to obtain the adequate machine, but we could not get it in general market except a how to apply for the adequate 11 machines which are laid in the Ex-Kure Naval Arsenal as idle.

Foregoing reason, we submit this application for your permission to move and use the machines which are under supervision of the officials.

H. Shirai
for S. Murakami,
Director & General Manager.

Attached documents:

List of the Desired Reparation Designated Machinery and Equipment.

Applicant's "Reconversion Permit for Reparation Plant" (copy)

Applicant's "Present Producing Outlook"

LIST OF THE DESIRED DESIGNATED REPARATION
MACHINERY AND EQUIPMENTApplicant: Kobe Shipyard & Engine Works,
Central Japan Heavy-Ind., Ltd.Kure Naval Arsenal

Amagasaki Seitetsu K. K., Kure Factory.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Section & Work sheet Page No.
Drilling machine- Radial- Plain	Ikegai Tekko (Japan)	Bed length 2000mm	11-05(6) -1177	Idle	1	Sec. I.F. Sheet page 199
Grinder- Surface- Vertical	Schmaltz (Germany)	Table dia 1000mm	11-05(6) -1462	"	1	Sec. I.F. Sheet page 206

Total: 211th Aeronautical Arsenal

Chugoku Kosan K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Section & Work sheet Page No.
Boring m/c- Hori- zontal- Table	Karatsu Tekko (Japan)	Cut bar max. dia 1000mm	11-06(8) -1212	Idle	1	Sec. I.F. Sheet page 16
Lathe- Engine	Ikegai Tekko (Japan)	1500x5600	11-06(8) -1322	"	1	Sec. I.F. Sheet page 54
"	"	"	11-06(8) -1330	"	1	Sec. I.F. Sheet page 55
"	"	"	11-06(8) -1410	"	1	Sec. I.F. Sheet page 115

Total: 4

- 2 -

Kawanami Kogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Section & Work sheet Page No.
Boring m/c Horizontal- Facing	Ikegai Tekko (Japan)	Face plate dia 560mm	11-06(8) -427	Idle	1	Sec. I.F. Sheet page 1
Lathe- Heavy duty	Osaka Kikai (Japan)	1360x1350	11-06(8) -856	"	1	Sec. I.F. Sheet page 123
Total					<u>2</u>	

Nishiokawa Ware House.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Section & Work sheet Page No.
Grinder- Surface- Horizontal	Thompson (U.S.A.)	Table travel 1300mm	11-06(8) -2260	Idle	1	Sec. I.F. Sheet page 52

Hiro Shop, Hiroshima Railway Work Shop.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Section & Work sheet Page No.
Boring m/c Vertical Turret lathe	Bullard (U.S.A.)	Table dia 1070mm	11-06(9) -571	Idle	1	Sec. I.F. Sheet page 165
Gear Cutter- Straight Bevel Generator	Gleason (U.S.A.)	Max. work 300mm	11-06(9) -663	Idle	1	Sec. I.F. Sheet page 309
Total:					<u>2</u>	

COPY

HEADQUARTERS SIXTH ARMY
Military Government Section

Apo 442

File : MG 212

Date: 30 November, 1945

SUBJECT: Permit for Reconversion from War Production and
for Resumption of production of Essential Civilian
Commodities.TO : Mitsubishi Heavy Industries, Ltd., Kobe Shipyard
and Engine Works.

(Name & Address of Firm)

3-chome Wadasaki-cho, Hyogo-ku, Kobe.

1. Inaccordance with the provision of paragraph 3-a and 3-b of Directive No.3 from the Supreme Commander for the Allied Powers, dated 22 September, 1945: Memorandum for the Imperial Japanese Government, Subject: Reconversion of War production plants to Peacetime Production, dated 23 October, 1945; and under authority granted this Headquarters by CINCAFPAC Radio ZAX 9197 dated 3 October, 1945, you are authorized to commenced operation of your plant, and to manufacture the essential civilian commodities listed in Annex No.1 to this permit.

2. This permit grants authority only to operate. The acquisition of materials, Parts, and sub-assemblies, as well as the disposition of finished products and establishment of sales prices, will be in accord with the regulations of the Imperial Japanese Government.

3. At the end of the first month of operation, and at the end of each three-month period thereafter, until notified to the

- 2 -

contrary by this Headquarters a report will be made to the Commanding General 1 Corps, Headquarters Osaka. Attention: Military Government Section.

This report will be written in English and will list each item, by name, type, and quantity produced by each factory, subsidiary, or sub-contractor operating under the provisions of this permit.

This report will be delivered to Corps Headquarters not later than fifteen (15) days after the conclusion of the period to which the report pertains.

(Signed) GEORGE D. SEARS,
Colonel, Infantry,
Military Government Section.

Info Copies to:

GHQ, SCAP (Attn: E & S Sec.)
CG I Cords, (Atten: MG Sec.)
(5 Army Jap. Liaison Office, Kyoto)

I Incl; Annex No.1

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442

ANNEX NO. 1

30 November, 1945.

Permission is granted to Mitsubishi Heavy Industries, Ltd., Kobe Shipyard and Engine Works, No. 3-chome, Wadasaki-cho, Hyogo-ku, Kobe to produce the following items listed below:

- a. Railway carriages and freight cars.
- b. Locomotives.
- c. Tramcars.
- d. Tractors.
- e. Marine turbines, boilers, auxiliaries and oil engines.
- f. Land boilers, steam turbines, water turbines and parts for power plant and factory.
- g. Oil engines for power plant.
- h. Machines for salt production.
- i. Blowers for city gas and ammonia gas.
- j. Air blowers.
- k. Flour machines.
- l. Road equipment rollers, scrapers, air compressors, cement mixing machines.
- m. Steel towers.
- n. Steel tanks for oil, gas, water, breweries and industrial tanks.
- o. Bridges.
- p. Steel building materials.

- 2 -

q. Shipbuilding ferries, merchant ships, fishing boats, tug boats.

r. Diesel engines.

s. Repairing ships, tramcars, railway equipment, tractors, refrigerating equipment, pumps, prime movers (diesel or steam turbine pumps) for water supply, boilers, turbines, and auxiliary equipment for electric power stations, wood-working machines.

- - - - -

(Nothing Follows)

(Signed) D. S. LOCKIE
1st Lt. F. D.

HYOGO MILITARY GOVERNMENT TEAM

APO 317

400.17

JHS/ryf/yy
11 February 1949

SUBJECT: Reconversion Permit.

TO : Mitsubishi Heavy Ind. Co., Kobe Shipyard (13-72)

THRU. : Hyogo Liaison Office.

1. Attached herewith, reconversion permit issued by GHQ, SCAP, FSS, authorizing production of listed items in your plant.

2. Care must be exercised by your plant to conform with the provisions contained in attached permit.

FOR THE COMMANDING OFFICER:

(Signed) LOUIS C. HUTTON
Major, Cavalry
Executive Officer

Incl.: As indicated.

GENERAL HEADQUARTERS
 SUPREME COMMANDER FOR THE ALLIED POWERS
 Economic and Scientific Section

Date: 22 January, 1949.

SUBJECT: Reconversion Permit for Reparations Plant.

TO : Mitsubishi Heavy Ind. Co., Kobe Shipyard, 3-chome
 Wadasaki-cho, Hyogo-ku, Kobe.

1. In accordance with Memorandum from the Supreme Commander for the Allied Powers to the Japanese Government, dated 22 November 1946 (SCAPIN-1355), the Mitsubishi Heavy Ind., is permitted to produce at their Kobe Factory located at Hyogo-ku, Kobe the following additional items:

<u>Item</u>	<u>Maximum Quantity</u>
<u>Coal & ore cars</u>	To be determined by availability of materials
<u>Steam, reciprocating engines</u>	"
<u>Wheat rolling & cleaning machinery</u>	"
<u>Pumps & power equipment for factories</u>	"
<u>Welded steel pipe, refrigerating machinery, cigarette, match making & wood-working machines</u>	"

2. The temporary use of the following additional reparations machinery is authorized:

NOT APPLICABLE

3. A program will be immediately initiated to substitute non-reparations machinery for reparations machinery in temporary use.

4. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products and the establishment of sales prices will be in accordance with the regulations of the Japanese Government.

- 2 -

5. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

(Signed) W. S. VAUGHAN
Chief, Industry Division

(SEAL)

PRESENT PRODUCING OUTLOOK

November, 1950.

Kobe Shipyard and Engine Works,
Central Japan Heavy-Industries, Ltd.1. PRODUCTION

<u>Item</u>	<u>Demandant</u>	<u>Amount</u>
<u>For the Allied Forces:</u>		
Trestle (steel bridge)	8th Army	6 sets
Ship-repairing	Allied Forces, etc.	Several
Electric refrigerator	Tokyo S.P.D.	30 sets
<u>For Foreign Countries:</u>		
New cargo ship	Denmark	1 ship (10,100 D.W.)
"	India	2 ships (2,000 D.W.)
Ship-repairing	U.S.A., etc.	Several
Steam turbine for power station	Thailand	1 set
Boiler	Pakistan	3 boilers (9 t/h)
Water turbine	India	2 sets (2,800 HP)
Cigarette machine	Formosa	4 sets
Steel oil tank	Pakistan	1 set (24,000 G.F.)
"	Thailand	1 set (110,000 G.F.)
<u>For Domestic-use:</u>		
<u>Ship-building:</u>		
Cargo	O. S. K.	2 ships (9,200 D.W.)

- 2 -

<u>Item</u>	<u>Demandant</u>	<u>Amount</u>
Cargo & passenger	Kyosei Kaiun	1 ship (300 G.T.)
Patrol	Maritime Safety Bureau	2 ships (450 G.T.)
Ship-repairing	N. Y. K., etc.	Many
<u>Machinery for marine-use:</u>		
Diesel engine	Hitachi Dockyard & other	37 sets (400 HP - 4,900HP)
Marine auxiliaries	East Japan Heavy Ind., etc.	Many
<u>Machinery for land-use:</u>		
Parts & fittings of steam turbines	Nippon Hassoden, etc.	Many
Boiler	"	8 boilers (170 t/h, etc.)
Water turbine	"	8 sets (14,300KW, etc.)
Diesel engine	Dentsu-sho (Japanese Govt.)	14 sets
Blower	Shin-Nippon Chisso, etc.	2 " (350 HP, etc.)
Cigarette machine	Bureau of Mo- nopolies	21 sets
Machines for salt production	Sakade Engyo Co., & other	2 " (800t/y-13,000t/y)
<u>Steel structure:</u>		
Steel tower	Oita Pref., etc.	120 sets
Bridge	"	4 bridges
Coal-car	Taihei Kogyo Co.	200 cars
Other machinery		Many

2. WORKERS. (November, 1950)

Engineer	610
Clerk	580
Labourer	7,780

Total - 8,970

3. EQUIPMENT.

	<u>A. U.</u>	<u>T. O.</u>	<u>E. X.</u>	<u>TOTAL</u>
Industrial machinery & equipment	1,184	-	82	1,266
Machine tools	1,302	-	34	1,336
Electrical machine	641	-	149	790
Other equipment	67	-	10	77
Portable machine tools	1,037	-	3	1,040
TOTAL -	4,231	-	278	4,509

Application for Movement and Authorized
use of Designated Reparation Machinery and Equipment.

^{of}
Date February, 1951.

To: Minister of Finance.
From: President of Hitachi Seisakusho K.K.
No.12, 2-chome, Marunouchi, Chiyoda-ku, Tokyo.

1. Name (code No.) and Location of the plant which intends to use designated reparation machinery and Equipment.

Name:- Mito Branch, Hitachi Plant, Hitachi Seisakusho K.K.

Code No:- None.

Location:- No. 832-2, Horiguchi, Katsuta-machi, Naka-gun, Ibaraki-pref.

2. Name (code No.) and Location of the plant where designated reparation Machinery and Equipment to be used actually exist.

i) Name:- The 11th Kokugijyutsusho. (11-06)
Kure naval arsenal (11-05)

ii) Location:- Hiro-machi, Kure-shi, Hiroshima-Pref.
Niyaharadori, Kure-shi, Hiroshima-Pref.

3. List of designated reparation machinery and equipment to be moved and used. (As attached document)

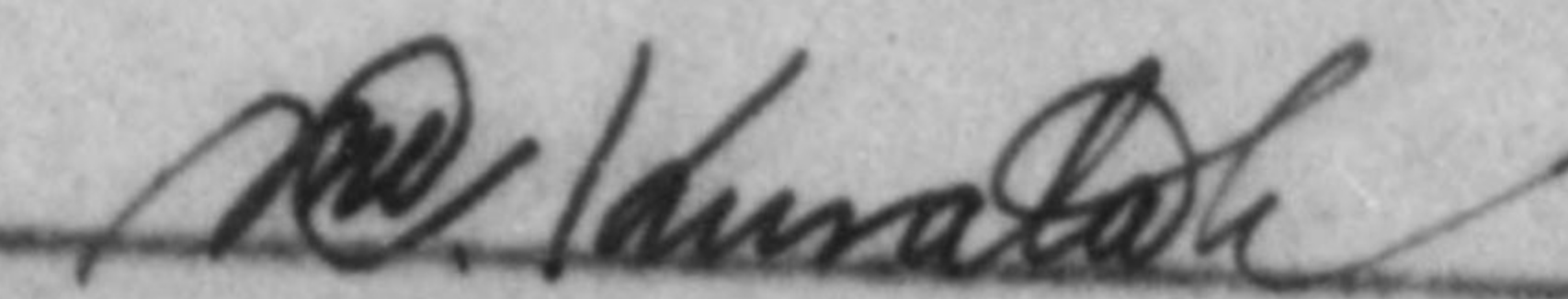
11-06
Sect II

4. Necessity for movement and use of machinery and equipment.

Our Mito branch plant has been manufacturing such steel forgings and castings products as water wheel shafts for electric generators and propeller shafts for ocean vessels, for use by our Hitachi plant, designated by MITI as the most important plant for electric machinery and equipment.

Due to restriction on its facilities, the Mito branch plant has been able to supply only 160 # per month, whereas orders requiring 360 # or more per month are being received.

In view of the foregoing, we wish to apply for utilize of the machines as per attached sheet in order to supplement the Mito branch plant facilities, aiming at meeting the domestic requirements of the plans on electric source development and shipbuilding expansion.



Chikara Kurata

Signed by the president

LIST OF FACILITIES FOR APPLICATION

Code No: 11-06
11-05

Name of plant: The 11th Kokugijutsucho (11-06)
Kure naval arsenal (11-05)

Address of plant: Hiro-machi, Kure-shi, Hiroshima-pref.
Miyaharadori, Kure-shi, Hiroshima-Pref.

Inv. No.	Name of Machinery	Brief specification	Qt'y	Remarks
11-066) 1411	Lathe	swing 1,500 mm Bed longs 9,000 mm	1	No small parts
11-056) 1085	"	swing 940 mm Bed longs 10,000 mm	1	No small parts
11-05	Ingot case-castiron	Inside top dia 900-1,050mm Height 2,600-2,700mm	3	Item No.308 page 1108(62)
11-05	octagonal ingot case base	Dia 700-1,600mm Height 250-575mm	3	Item No.309 page 1108(154)
11-05	Trame of sink head mould	Dia 560-2,200mm Height 205-570mm	3	Item No.310 page 1108(660)

Letter of Consent

Date ²⁸ February 1951

TO : Minister of Finance

FROM: President of Hitachi Seisakusho K.K.

No. 12, 2-chome, Marunouchi, Chiyoda-Ku Tokyo.

Sir;

I the undersigned, hereby consent to take full responsibility in maintaining the reparation designated machinery and equipment as mentioned in the list which attached with the application, which formerly belonged to The 11th Kokugijutsusho (Code No. 11-5), atten the 11-6 same were moved into Mito Branch, Hitachi Plant, Hitachi Seisakusho.

Signed


Chikara Kurata

president, Hitachi Seisakusho

APPLICATION FOR AUTHORIZED USE OF
REPARATION MACHINERY AND EQUIPMENTSerial No.: T P (k) No.26-53
25 February, 1951

TO : The Hon Hayato Ikeda,
Minister of Finance.

FROM : Seiichi Tani, Director & President,
Toyo Pulp Co., Ltd.,
1 Higashi Matsushita-cho, Kanda, Chiyoda-ku,
Tokyo.

Liaison Office : Same as above.
Liaison Man : Seiichi Yamazaki, Chief,
General Affairs Dept.,
Toyo Pulp Co., Ltd.
Tel. No. : Kayabacho (66) -7110, 5555,
2317, 2318.

1) Name of Plant, Code No., & Classification of Reparation
Designation:

Name : Chuko Area, Former 11th Naval Air Arsenal.
Code No.: 11-6 (8)

Note:- The said plant was already approved for the
conversion to the Kure Plant of our Company,
by Direction No. 387.6 (15 Jan. 51) ESS/IND
Dated 15 Jan. 1951

Classification of Reparation Designation: Not designated.

2) Location of Plant: 15,600 Tsukumo, Hiro-machi, Kure-shi,
Hiroshima-ken.

3) Production: Kraft Pulp.

4) Machinery & Equipment to be used: As per attached.

Note:- Those machinery applied herewith are to be
added to the 49 articles which were already
approved to be converted.

5) Necessity for Use: As mentioned in the Note, Clause 1,
the Kure Plant of our Company was instructed the approval for
the conversion of the following reparation machinery and
equipment, i.e., land of 70,547 tsubo, buildings of 5,420
tsubo (as shown in the attached plan), and 49 sets of machinery,
by the above-mentioned Instruction. For the present, we are
devoting ourselves to preparing of the construction work for
the following program.

1st Period	Kraft pulp	Yearly Products	10,000 tons
2nd Period	" "	" "	20,000 "
3rd Period	" "	" "	20,000 "
" "	Kraft paper	" "	18,000 "

Self II
11-6(8)

As you are well aware, the Kraft Pulp manufacturing is to be completed its series of the production course for the first time by making arrangements of many equipments to act chemical reaction developed from a plan for a base besides plant equipments in general. The articles written in the attached list, and applied herewith for the approval to be added, are quite useful for the general use or special use both mentioned above. All of them are "adaptable in gauge and capacity, and very valuable to be able to function highly," as follows:

(1) As to **22** sets of common machinery, we have nothing like them in hand for the Kure Plant is being entirely newly established, and yet have invested a huge sum to equip the machinery of the particular objects. And we are in a considerable difficulty in funds owing to influence of the unexpected inflation after our plan laid at first. Fortunately, there are some machinery being in the condition of class 1 or 2 kept in the site of the Plant approved, and we would like to use them for the various uses after the approval.

(2) 3 sets of Electric Motors: 90 sets (2,500 h.p.) of electric motors are being necessary for construction of the plant in all. Among them, 59 sets (1,900 h.p.) are to be purchased and the rests (31 sets, 600 h.p.) to be borrowed. 3 sets of them applied herewith belonging to the latter are to be used mainly for operating those "arterial" pumps to circulate liquid medicines in the plants.

(3) Switch board, transformer, oil feeder, & circuit breaker: According to the Construction Plan of the Plant, Special high tension current of 22,000 volt will be received and reduced to high tension current of 3,300 volt, the current will operate 14 sets of high tension electric motors of 1,100 h.p., and they will operate 76 sets of low tension electric motors of 1,400 h.p. Accordingly, those transformers applied herewith are part of large numbers of them required for the scheme. And 2 sets of them are electric sources most necessary for the 100 ton overhead travelling crane and 9 others.

(4) 9 gasoline tanks and 2 Scotch Boilers will be used as black liquid tanks, liquid medicin tanks, white water tanks, water tanks, and for drainage, as part of 35 tanks being necessary for the over-all plan.

(5) Cranes applied herewith are differently located from those already approved to use, e.g. loading cranes at waterfront in the site- they are not very useful under existing circumstances but are indispensable for the Plant.

Above-mentioned is the direct necessity of using 67 sets of machinery applied herewith, otherwise -

(1) Most of the said machinery are of the particular object which was expected from the selections already applied or approved for the authorized use by other companies or enterprisers. We would like to put them in practical and most effective use,

(2) and also to cut down the consumption of huge amount of various metallic materials to be necessary to make anew by using such a large number of machinery written in the attached list.

(3) Now we are at the starvation point in pulp conditions as they say. We would make a quick progress in construction work, and have earlier operation of the plant, and consequently make some contribution earlier to releave the pulp conditions of our country.

Your favorable consideration and arrangement are requested for our application by all means.

FOR THE PRESIDENT

Hajime Chida

.....
HAJIME CHIDA,
General Manager
Kure Plant, Toyo Pulp Co., Ltd.

POWER OF ATTORNEY

I Seiichi Tani President of Toyo Pulp Co., Ltd.
constitute and appoint, the Kure plant manager
Hajime Ohida of Toyo Pulp Co., Ltd. a true and law-
ful attorney for me.

To apply for temporary usage of the reparations
facilities and installments of the former 11th
Japanese Navy Aircraft Ordnance at Hiro-machi Kure,
in the matter of constructing a plant at the
preceding site.

And generally to do and perform all such acts, matters
and things as my said attorney shall deem necessary
and expedient for the completion of the authority as
fully as I might and could do were I personally present.

Signed Seiichi Tani

Title President

Date 13 Feb. 1951

LIST OF FACILITIES FOR APPLICATION

Code No.: 11-6
Name of plant: 11th. Air-Naval Arsenal
Address: Hiro-machi, Kure-City
Hiroshima Prefecture

Machinery as per attachment.

Inventry No.	Name of machinery	Brief specification	Quantity	Remarks to use at the existing location. Sheet No.
11-6(8) 1576	Welding M/C Electric Arc	21 K.V.A.	1	222
" 1804	Transformer	300 K.V.A. 2200-210	1	261
" 1845	Crane	Well-Whirley- Electric 2 ton	1	196
" 1859	"	30 ton	1	226 Improve of Conveyer
" 1866	"	20 ton	1	" "
" 1890	"	20 ton	1	229 "
" 1893	"	30 ton	1	272
" 1990	Scotch Boiler	Pressure 9kg/cm ² temp 175°C	1	234 Improve of Tank
" 1991	"	"	1	231 "
" 2091	Gasoline Tank	DxH=4800x6500mm V=100m ³	1	235
" 2092	"	"	1	236
" 2097	"	DxH=6200x6100mm V=140m ³	1	"
" 2098	"	"	1	"
" 2101	"	"	1	"
" 2102	"	"	1	"
" 2132	Gas Tank	DxH=1800x1300mm 3800x2500mm	1	218
" 2541	Gasoline Tank	DxH=6200x6100mm V=140m ³	1	237
" 2542	"	"	1	"
" 2727	Oil Cooler	Cooling Area=242.5m ² Tube DxL=15x1840mm	1	161

Inventory No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(8) 2759	Switch Board	D-3,000 AC Bolt meter D-400 AC Amp meter	1	Sheet No. 260
11-6(9) 242	Welding M/C Electric Arc	16 K.V.A.	1	231
11 -8(8) 326	Oil Cooler	Tube DxL=15x1840mm	1	161
" 327	"	"	1	160
" 328	"	"	1	"
11-6(10) 294	Compressor	Cap 719 m ³ /m Press 7 kg/cm ²	1	190
		Total	25	

Inventry No.	Name of machinery	Brief specification	Quantity	Remarks to use at the existing location Sheet No.
11-6(8) 1307	Grinder Disoface	Wheel DxW=300x500mm	1	252
" 1309	Lathe-gap	Table L=7500mm	1	56
" 1319	Lathe-facing	" L=2030mm	1	66
" 1519	Manual press	Pressure= $\frac{1}{2}$ ton	1	247
" 2766	Furnace	Heating Cokes Max temp 1200°C	1	213
11-5(7) 230	Lathe engine	Table L=2300mm	1	252
" 231	"	" L=2450mm	1	256
" 240	"	" L=2300mm	1	252
" 272	Shaper	Table trable=500mm stroke=460mm	1	258
" 284	Drilling M/C	Drill Cap Dia x Depth=10x70mm	1	247
" 316	Lathe engine	Table L=1860mm	1	258
" 440	"	" L=4100mm	1	253
" 774	Milling M/C	Table travel longx crossxVert=600x300 x410mm	1	257
" 816	Cutt of Sawing	Stroke=140mm Max Work Size 180mm	1	254
" 833	Shaper	Table Travel=700mm	1	258
" 841	Drilling M/C	Drill Cap Dia x Depth=30x250mm	1	248
" 936	Mechanical hummer	Falling Weight 100kg Stroke 120mm	1	250
11-6(10) 250	Drilling M/C radial	Drill cap Dia x Depth=60x550mm	1	86
11-6(9) 384	Slotter	Table L=500mm	1	259
11-6(13) 82	Grinder Surface	Table L=150mm Wheel DxW=200x28mm	1	41
11-6(11) 159	Planer	Table LxWxH 2740x760x760mm	1	258
11-6(8) 1412	Lathe - engine	Table L = 15.430 ^m Motor = 110 110 ^{KW} 2200 ^D	1	116
Total			22	

Inventry No.	Name of machinery	Brief specification	Quantity	Remarks to use at the existing location Sheet No.
11-6(13) 48	Oil circuit breaker	200 Amp.	1	167
" 49	"	"	1	"
" 122	Motor	Open type cage rotor 5 HP 1800 R.P.M.	1	200
" 124	"	Open type commutate 5 HP 550-1650 R.P.M.	1	"
11-6(35) 9	"	Open type wound rotor 75 HP 865 R.P.M.	1	1
11-6(9) 315	Transformer	150 K.V.A. 3450-210-105 V	1	23
" 388	"	"	1	24
" 389	"	"	1	"
" 797	"	50 K.V.A. 3450-210-105 V	1	275
" 794	"	50. KVA 3450-210-105 V	1	367
" 795	"	"	1	"
" 809	"	"	1	275
" 811	"	"	1	276
" 831	"	"	1	379
" 832	"	"	1	"
" 833	"	"	1	"
" 837	"	"	1	341
" 838	"	"	1	342

Inventry No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9) 839	Transformer	50 K.V.A. 3450-210-105 V.	1	Sheet No. 342
" 840	"	"	1	343
" 1025	Switch Board	250 V 300 A	1	"
		Total	2D	

APPLICATION FOR MOVEMENT AND AUTHORIZED USE
OF DESIGNATED REPARATION MACHINERY AND EQUIPMENT.

Serial No.:
TP(K) NO. 26-52
25 Feb. 1951

TO : The Hon. Hayato Ikeda,
Minister of Finance.

FROM : Seichi Tani, Director & President,
Toyo Pulp Co., Ltd.,
1 Higashi Matsushita-cho, Kanda, Chiyoda-ku,
Tokyo.

- 1) Name (Code No.) & Location for the Plant which intends to use designated reparation machinery and equipment.

Name : Kure Plant, Toyo Pulp Co., Ltd.
Location: 15,500 Tsukumo, Hiro-machi, Kure-shi, Hiroshima-ken.

- 2) Name (Code No.) & Location of the plant where designated reparation Machinery & Equipment to be used actually exist.

Name : The Former Kure Naval Arsenal.
Code No.: 11-5
Location: The Former Kure Naval Arsenal Area,
Miyahara-dori, Kure-shi.

- 3) List designated reparation machinery & equipment to be moved & use.

As per attached.

- 4) Necessity for movement & use of machinery & equipment.

The Kure Plant mentioned above was instructed the approval for the conversion of the reparation plants of 5,420 tsubo (as shown in the attached plan) with 49 sets of machinery in 70,547 tsubo site located at the CHUKO Area in the former Hiro 11th Naval Air Arsenal, 15,500 Tsukumo Hiro-machi Kure-shi, Hiroshima-ken, by Instruction No.387.6 (15 Jan 51) EBS/IND dated 15 Jan 1951. For the present, we are devoting ourselves to preparing of the construction work for the following program.

1st Period	Kraft pulp	Yearly Products	10,000 tons
2nd Period	" "	" "	20,000 "
3rd Period	" "	" "	20,000 "
" "	Kraft paper	" "	18,000 "

Part II
 (8) 9-11

As you are well aware, the Kraft Pulp manufacturing is to be completed its series of the production course for the first time by making arrangements of many equipments to act chemical reaction developed from a plan for a base besides plant equipments in general. The articles, now being in custody in the former Kure Naval Arsenal area, written in the attached list, and applied herewith for the approval to be moved and used, are quite useful for the general use or special use both mentioned above. All of them are "adaptable in gauge and capacity and very valuable to be able to function highly," as follows:

(1) 14 sets of tanks are to be used for liquid medicine tanks, wash tanks, hot-water tanks, and water supply tanks as part of 35 tanks being necessary for the over-all plan.

(2) Turbo-generators and accessories: In case of recovering soda in the operation course of Kraft Pulp plant, it is necessary to burn organic matters in wood. Consequently, the steam power is to be used for generating electric power. Turbo-generators and accessories are inevitable for the economical use of steam power.

(3) 90 sets (2,500 h.p.) of electric motors are being necessary for construction of the plant in all. Among them, 59 sets (1,900 h.p.) are to be purchased and the rests (31 sets, 600 h.p.) to be borrowed. 17 sets written in the attached list belong to the latter, and are to be used mainly for operating those "arterial" pumps to circulate liquid medicines in the plants.

(4) Transformers: According to the Construction Plan of the Plant, special high tension current of 22,000 volt will be received and reduced to high tension current of 3,300 volt, the current will operate 14 sets of high tension electric motors of 1,100 h.p., and they will operate 76 sets of low tension electric motors of 1,400 h.p. Accordingly, those transformers applied herewith are part of large numbers of them required for the scheme.

Above-mentioned is the direct necessity of using machinery applied herewith, other wise -

(1) Most of the said machinery are of the particular objects which was excepted from the selections already applied or approved for the authorized use by other companies or enterprisers. We would like to put them in practical and most effective use.

(2) and also to cut down the consumption of huge amount of various metallic materials to be necessary to make anew by using such a large number of machinery written in the attached list.

(3) Now we are at the starvation point in pulp conditions as they say. We would make a quick progress in construction work, and have earlier operation of the plant, and consequently make some contribution earlier to relieve the pulp conditions of our country.

Your favorable consideration and arrangement are requested for our application by all means.

FOR THE PRESIDENT

Hajime Chida

.....
HAJIME CHIDA,
General Manager
Kure Plant, Toyo Pulp Co., Ltd.

POWER OF ATTORNEY

I Seiichi Tani President of Toyo Pulp Co., Ltd.
constitute and appoint, the Kure plant manager
Hajime Chida of Toyo Pulp Co., Ltd. a true and law-
ful attorney for me.

To apply for temporary usage of the reparations
facilities and installments of the former 11th
Japanese Navy Aircraft Ordance at Hiro-machi Kure,
in the matter of constructing a plant at the
preceding site.

And generally to do and perform all such act, matters
and things as my said attorney shall deem necessary
and expedient for the completion of the authority as
fully as I might and could do were I personally present.

Signed Seiichi Tani

Title President

Date 13 Feb. 1951

LIST OF FACILITIES FOR APPLICATION

Code No.:	11-5
Name of plant:	Kure Ex-Naval Arsenal
Address:	Miyahara-dori, Kure-City Hiroshima Prefecture

Machinery as per attachment.

To move to CHUKO Area
after approved.

Inventory No.	Name of machinery	Brief Specifications	Quantity	Remarks Sheet No.
11-5(6) 4707	Water Tank	LxWxH=7000mmx1950mmx 2000mm V=27m ³	1	An outlet of dia 150mm a cleaning mouth-piece to be fitted 804
" 4778	"	DxH=1800mmx2000mm V=6m ³	1	" 998
" 4782	"	"	1	" "
" 4788	"	DxH=2600mmx3500mm V=18m ³	1	" 1386
" 4789	"	DxH=3000mmx3800mm V=26m ³	1	" "
" 4872	"	DxH=2000mmx2200mm V=6m ³	1	" "
" 4873	"	"	1	" "
" 4874	"	"	1	" "
" 4875	"	"	1	" 1387
" 4876	"	"	1	" "
" 4990	"	DxH=3200mmx6000mm V=50m ³	1	" 298
" 4991	"	DxH=3600mmx5000mm V=50m ³	1	" "
" 4992	"	"	1	" "
" 5063	"	^{mm} ^{mm} DxH=2080x3500 V=26m ³	1	" 298
11-5(14) 125	Boiler feed pump	Feed water cap 47.5 T/H	1	" 8
" 130	Intake pump	Volute type Cap 13.64 m ³ /m	1	Pipe in includ between intake pump and pond 30
" 131	"	"	1	" 31
" 135	B.T.H. Steam turbine	Generation power 1500 KW	1	Including steam piping 19

Inventory No.	Name of machinery	Brief specifications	Quantity	Remarks Sheet No.
11-5(14) 136	B.T.H. Alter nator	Generation power 1500 KW	1	Including vibration gauge 19
" 137	B.T.H. Exciter	20 KW 125 V	1	20
" 138	B.T.H. Condenser	Surface condensation type	1	"
" 139	B.T.H. Circulating pump	Volute type 50 HP	1	"
" 140	B.T.H. Air Condensate pump	Vertical double Cyl type Motor 50 HP	1	"
" 166	B.T.H. Steam turbine	Generation power 1500 KW	1	"
" 167	B.T.H. Alter nator	"	1	"
" 168	B.T.H. Exciter	20 KW 125 V	1	"
" 169	B.T.H. Condenser	Surface condensation type	1	"
		Total	27	

To move to CHUKO Area
after approved

Inventory No.	Name of machinery	Brief specification	Quantity	Remarks
11-5(6) 3	Motor	Open type Wound rotor 25 HP 1200 R.P.M.	1	Sheet No. 725
" 2174	"	Open type Cage rotor 25 HP 900 R.P.M.	1	747
" 2289	"	Open type 20 HP 1800 R.P.M.	1	751
" 2545	"	Open type 50 HP 600 R.P.M.	1	757
" 2576	"	Open type 20 HP 900 R.P.M.	1	"
" 3100	"	Open type Commutate 10 HP 550-1650 R.P.M.	1	762
" 3335	"	30 HP 1155 R.P.M.	1	765
" 5106	"	Open type 40 HP 1800 R.P.M.	1	775
" 5107	"	Open type 40 HP 1200 R.P.M.	1	"
" 5113	"	Open type Double Cage rotor 20 HP 600 R.P.M.	1	"
" 5130	"	Open type Wound rotor 20 HP 1200 R.P.M.	1	778
" 5134	"	" "	1	"
" 5135	"	" "	1	"
11-5(5) 1302	"	Closed type Cage rotor 5 HP 900 R.P.M.	1	167 Consolidated machine in Amagasaki Area
" 1412	"	Closed type 5 HP	1	59
" 1470	"	Open type Wound rotor 50HP 600 R.P.M.	1	61
" 3299	"	Closed type Cage rotor 7.5 HP 1200 R.P.M.	1	165
11-5(7) 1512	Transformer	100 K.V.A. 3450-220-110- V	1	18
" 1513	"	"	1	"

Inventry No.	Name of machinery	Brief specification	Quantity	Remarks
11-5(7) 1514	Transformer	100 K.V.A. 3450-220-110 V	1	Sheet No. 18
" 1537	Motor	Closed type 7.5 1800 R.P.M.	1	" 4
		Total	21	

C O P YGENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6 (15 Jan. 51) ESS/IND

15 January 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT : Transmittal of Reconversion Permit

1. Reference is R.A.R. No. 1494 (MS), 7 November 1950.
Subject: Application for Conversion of a Part, Air Depot
(Code No. 11-06(8)) Filed by Toyo Pulp K.K. (Non-Reparations
Plant).

2. The attached Reconversion Permit for the Toyo Pulp
K.K. is transmitted for your action.

3. A rental fee shall be established for the autho-
rized use of the equipment listed in reference 1, above
based upon current valuation and comparable to rental charges
assessed by private interests for the use of similar equip-
ment.

4. This permit is issued subject to any and all direc-
tives affecting reparations plants which have been issued or
may hereafter be issued by the Supreme Commander for the
Allied Powers. Reports will be rendered as required by current
directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
Reconversion PermitMAURICE M. CLASS
Chief, Industry Division

C O P Y

GENERAL HEADQUARTERS
 SUPREME COMMANDER FOR THE ALLIED POWERS
 Economic and Scientific Section

15 January 1951

Subject: Reconversion Permit for Reparations Plant,
 R.A.R. No. 1494 (MS)

To : Toyo Pulp K.K.

1. In accordance with Memorandum from the Supreme Commander for the Allied Powers to the Japanese Government, dated 22 November 1946 (SCAPIN-1355), the Toyo Pulp K.K. is permitted to produce at the 11th Naval Air Depot located at 15,500 Tsukumo, Hiro-machi, Kure City Hiroshima Pref. (11-06 (8)) the following additional items:-

Item	Maximum Quantity
Kraft Pulp (Nothing Follows)	Unlimited

2. The temporary use of the following additional reparations machinery is authorized:

See attached list of 49 items

(Nothing Follows)

3. A Program will be immediately initiated to substitute non-reparations machinery for reparations machinery in temporary use.

4. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products and the establishment of sales prices will be in accordance with the regulations of the Japanese Government

5. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

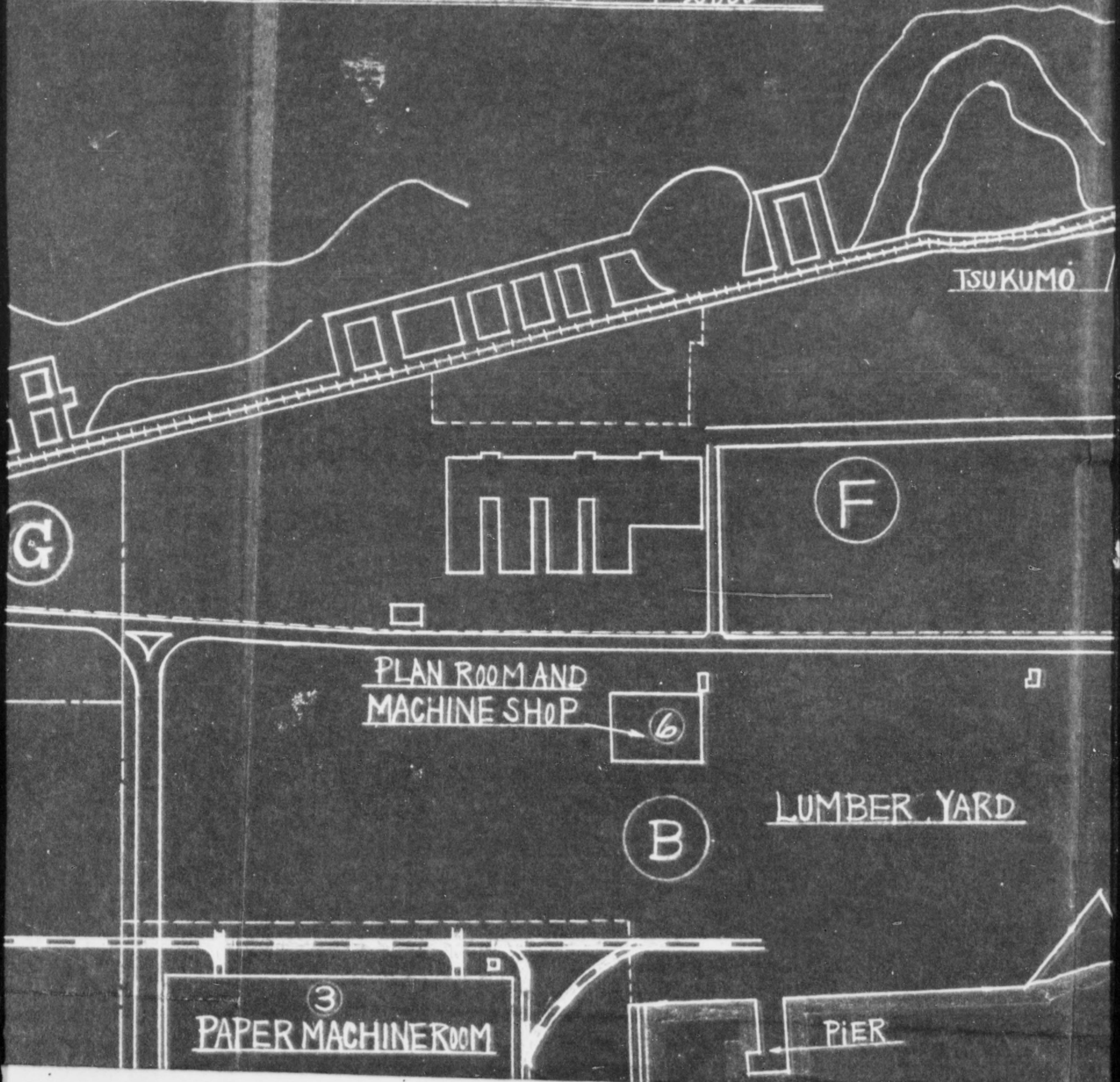
MAURICE M. CLASS
 Chief, Industry Division

CYUKO AREA



AREA

SCALE $\frac{1}{2,800}$



TSUKUMO

G

F

PLAN ROOM AND
MACHINE SHOP

6

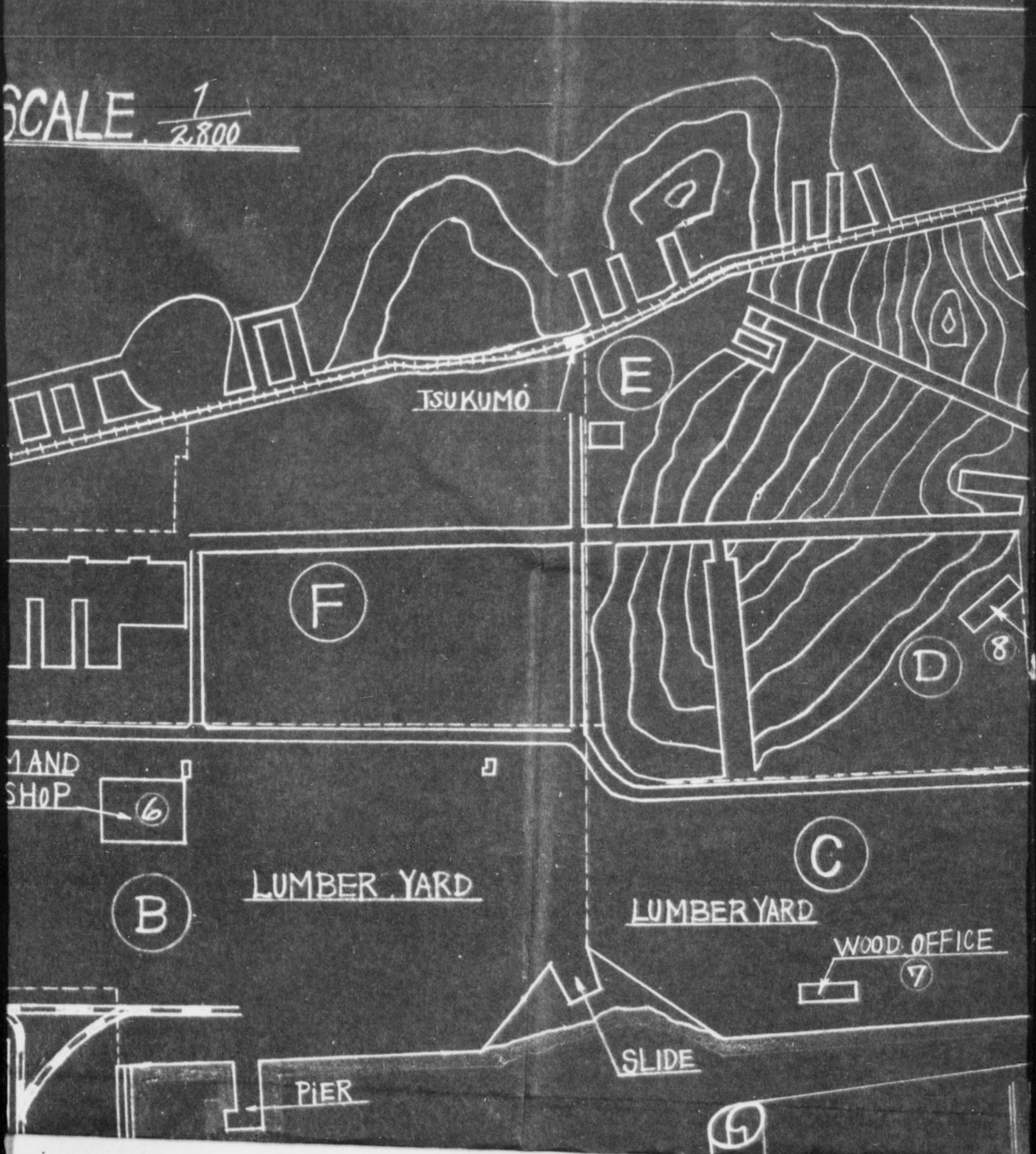
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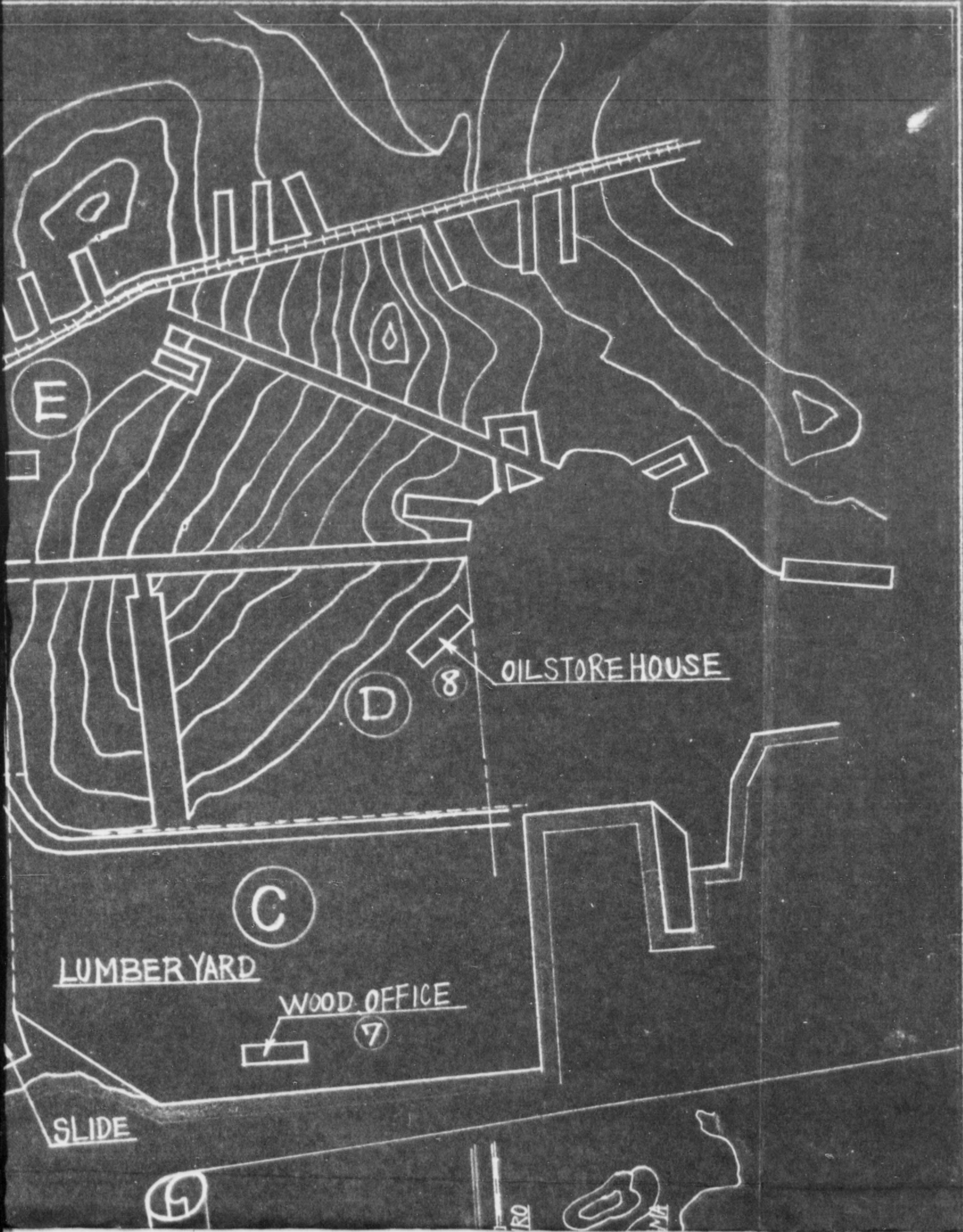
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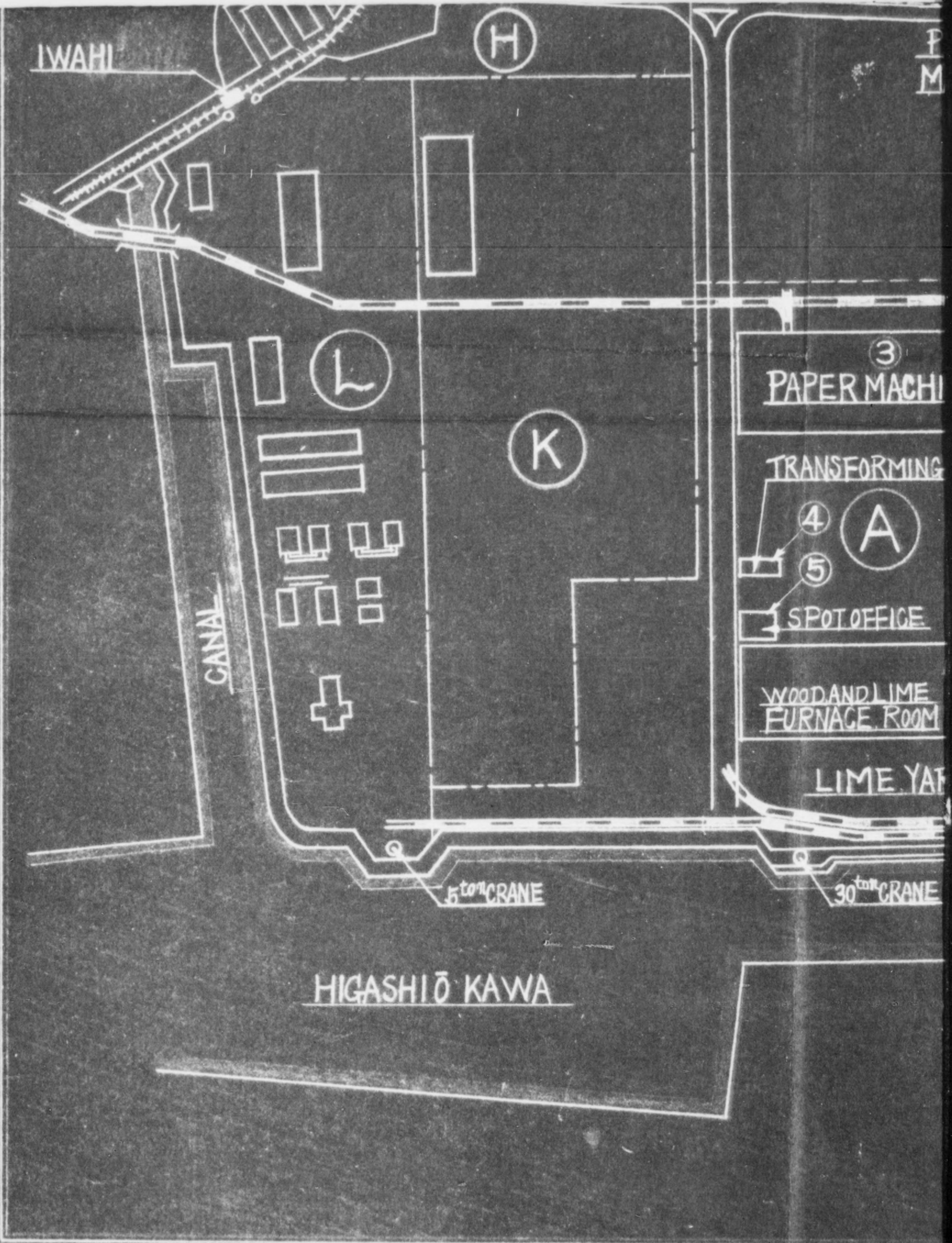
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PAPER MACHINER ROOM

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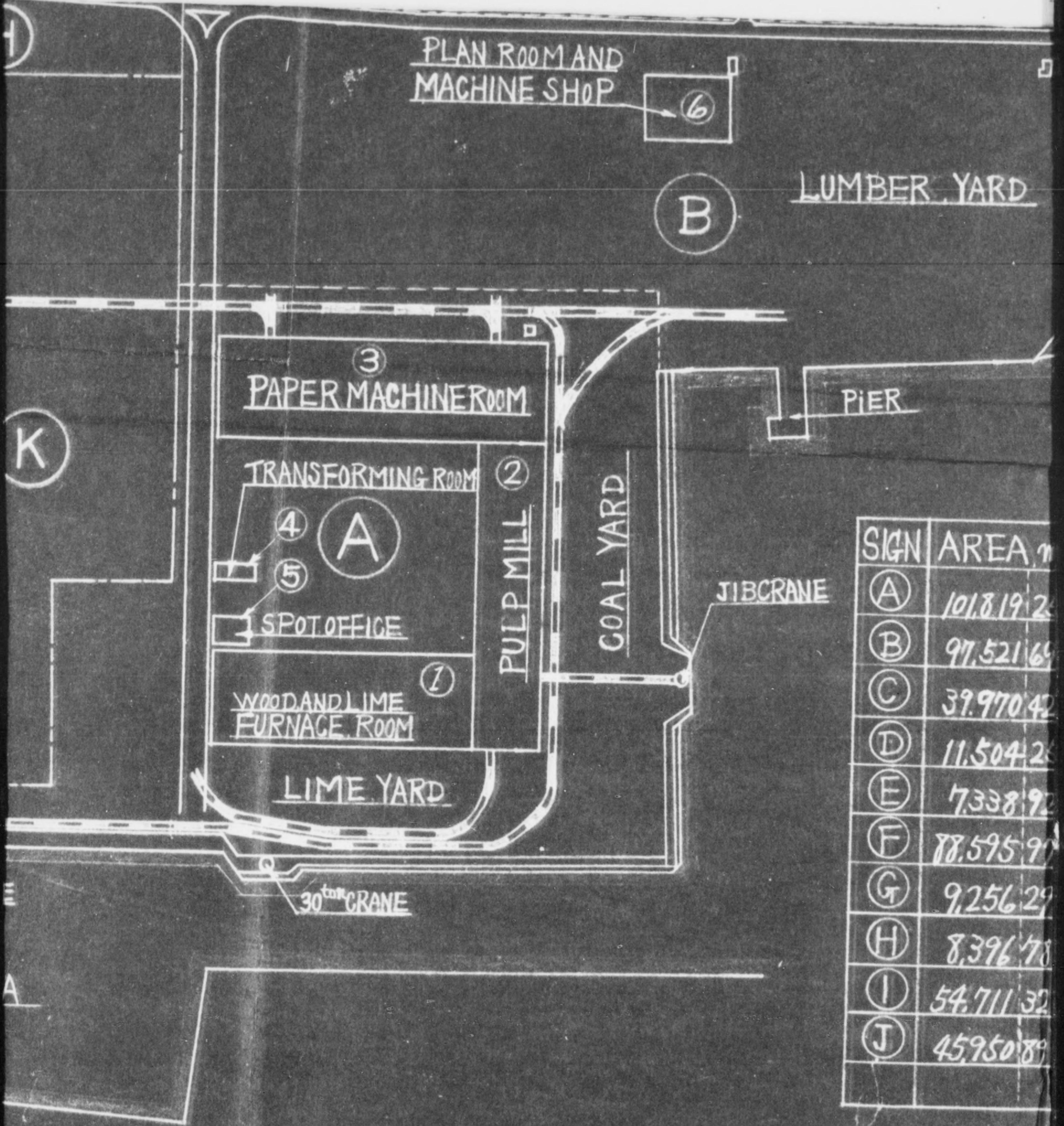
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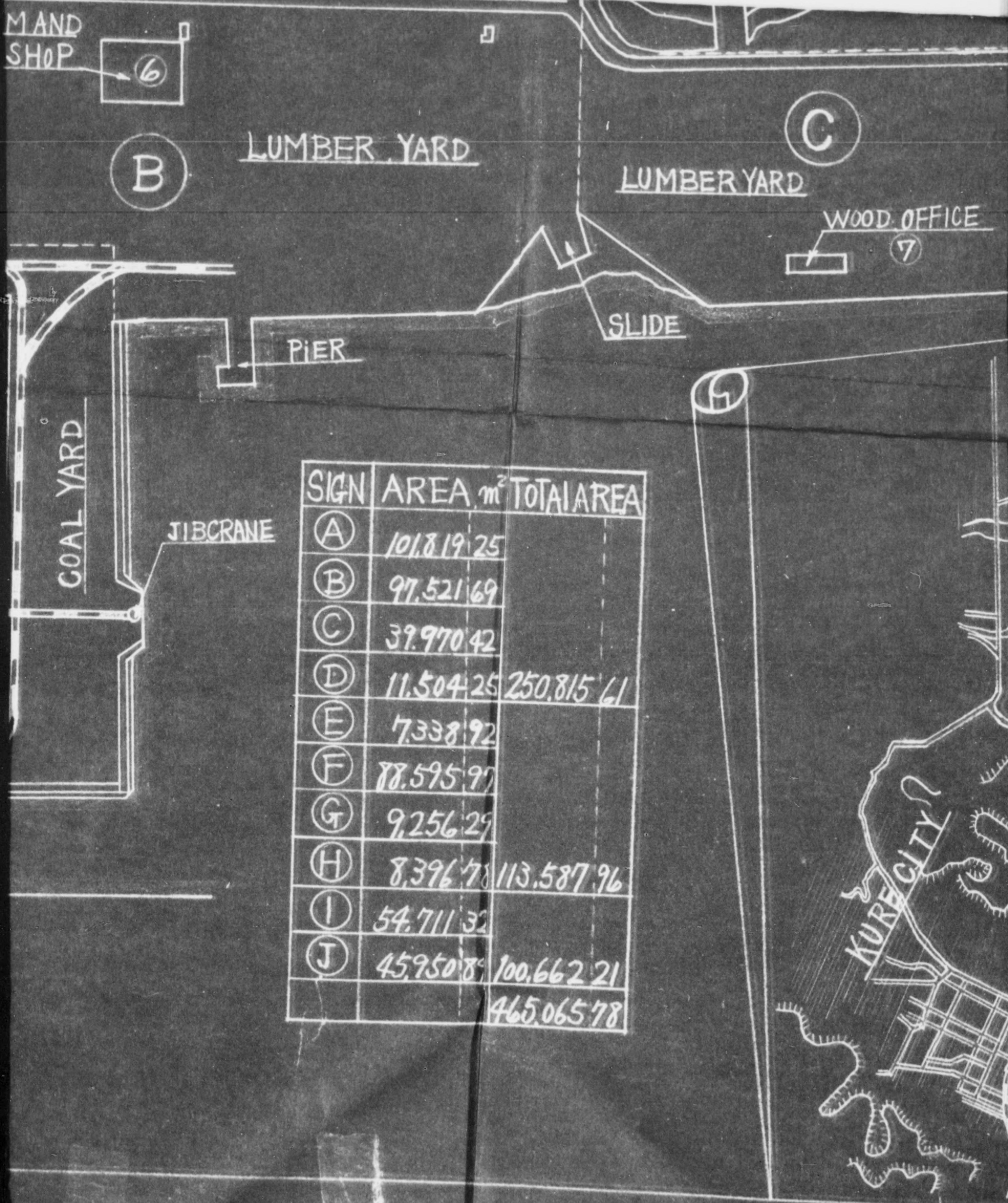




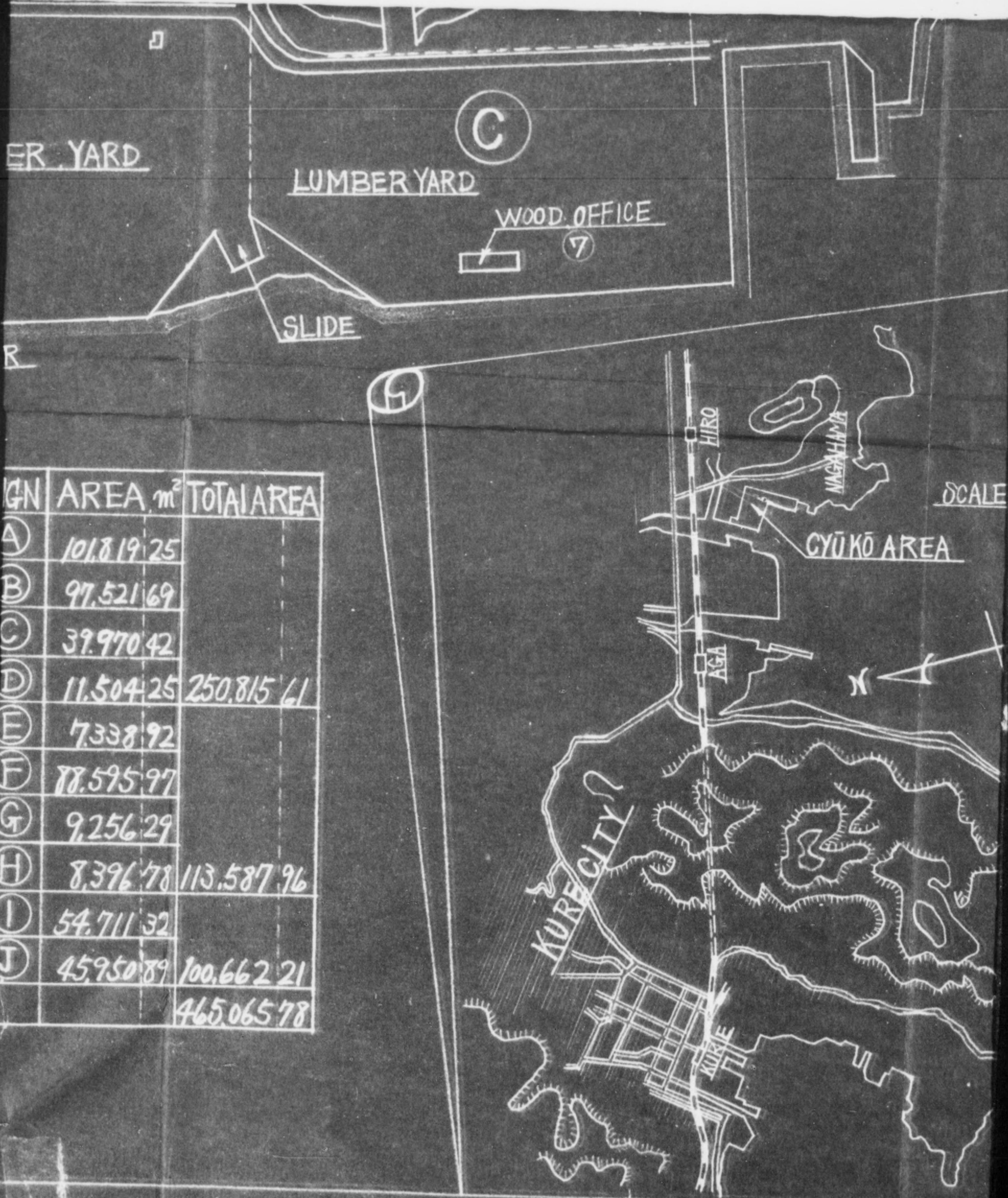
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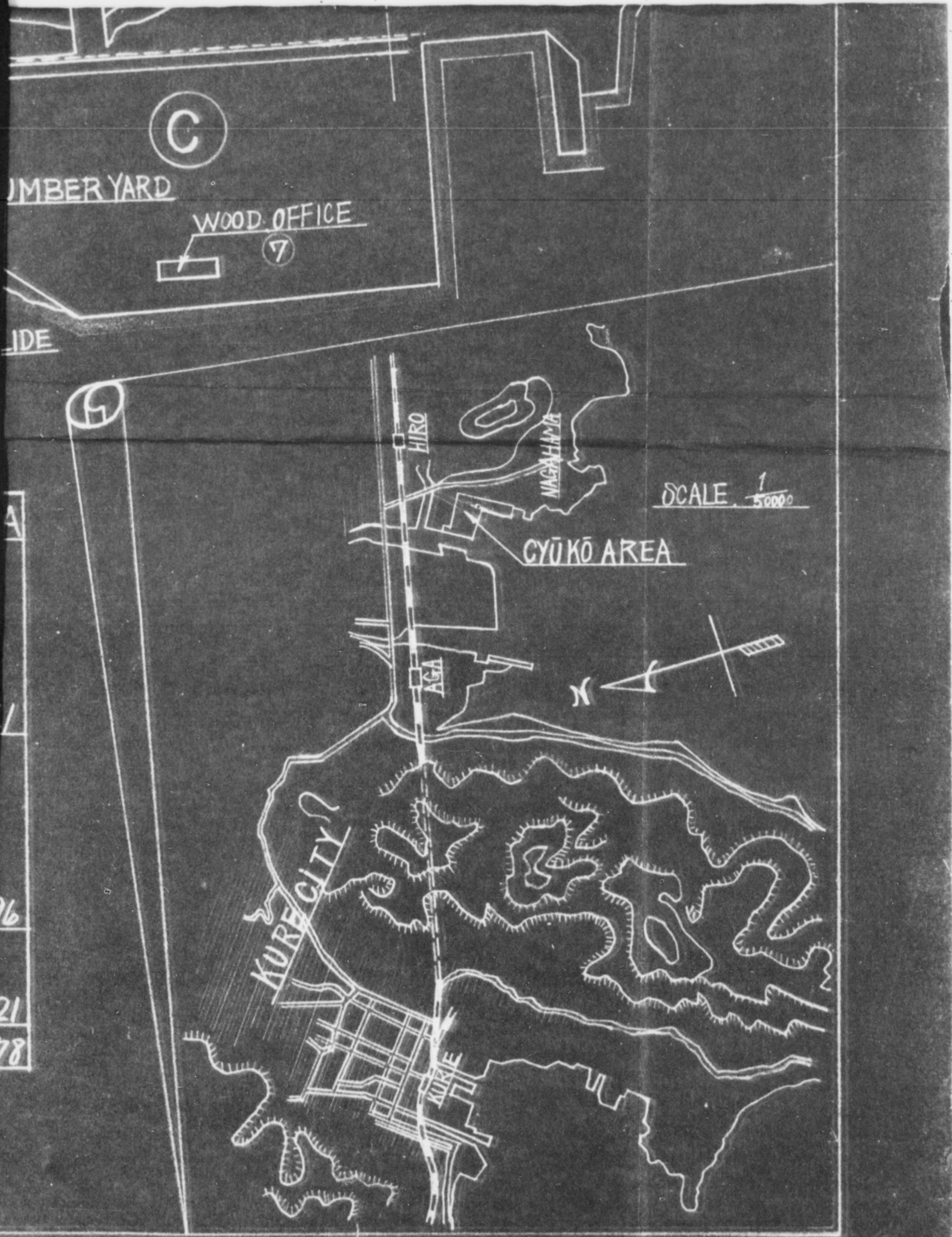


SIGN	AREA, sq ft
(A)	101,819.25
(B)	97,521.65
(C)	39,970.42
(D)	11,504.25
(E)	7,338.92
(F)	78,595.97
(G)	9,256.29
(H)	8,396.78
(I)	54,711.32
(J)	45,950.89



SIGN	AREA, m ²	TOTAL AREA
(A)	101,819.25	
(B)	97,521.69	
(C)	39,970.42	
(D)	11,504.25	250,815.61
(E)	7,338.92	
(F)	78,595.97	
(G)	9,256.29	
(H)	8,396.78	113,587.96
(I)	54,711.32	
(J)	45,950.80	100,662.21
		465,065.78





三電

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF
DESIGNATED REPAIRS MACHINERY AND EQUIPMENT

Date 22 February 1951

To : Minister of Finance

From : President of Fuji Denki Seizo K.K.

Address: No. 1 Tanabeshinden, Kawasaki City
Kanagawa Prefecture

- 1) Name (Code No.) and Location for the plant which intends to use designated reparation machinery and equipment.

Name: Fuji Denki Seizo K.K. Mie Factory

Location: No. Ko-4005, Hazu, Yokkaichi City, Mie Prefecture

(Non designated reparation plant)

- 2) Name (Code No.) and Location of the plant which designated reparation machinery and equipment to be used actually exist.

Name : 11th Naval Aeronautical Arsenal (Code No. 11-06)

Kure Naval Arsenal (Code No. 11-05(6))

Location: 11th Naval Aeronautical Arsenal:
Hiro-machi, Kure CityKure Naval Arsenal:
Miyahara-dori, Kure City

- 3) List of designated reparation machinery and equipment to be moved and used.

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks</u>
11-06(10) -191	Vertical Turret lathe	Table dia 60cm/m Bullard Co.	1	Work sheet Page 85 Integrated Facility
11-06(11) -111	Grinder- External Cylindrical Hydraulic	Swing 170cm/m Between centers 450cm/m Landis	1	Page 8 Integrated Facility
11-05(6) -616	Milling machine Bed Horizontal Planer type	Table size 1870x550 Milwaukee	1	Page No. 58 Integrated Facility
	Total		3	

11-06
Sec 11

4) Necessity of movement and use of machinery and equipment:

Immediately after the termination of the last war, our company planned and realized conversion to peace time industry having increased the amount of our production since then and is now producing as much as ¥ 200,000,000 every month. Also our export has amounted to ¥ 400,000,000 up to the present.

Accordingly the urgent necessary matter for us under the present circumstances consists in the advance of the accuracy of production and of efficiency. While the equipment and machines in each factory of our company have already been superannuated a quarter of which is necessitated to be urgently substituted by new and efficient ones. We made every effort but failed in finding out suitable one in the open market and furthermore the machine tools which made after the war are not good in quality and precise.

Such being the case, we hereby submit our application for the approval of our wishing borrow of the abovementioned superior machines to instal and use in our Mie factory for the purpose to improve the qualities of our manufactures as well as to advance our production efficiency and at the same times to augment our output raising up our export.

a) Our Mie Factory is one of the leading factories in Japan as standard motor manufacturing works. However, it is nothing but a dispersed factory during the last war and accordingly its equipment have already been superannuated and also are not still fully installed whereas demands for our motors are gradually increasing and inquiries are much in our hand.

Our export since the termination of the last war amounted to ¥ 100,000,000 and trends to be more in future so that in order to meet the increasing demands we must make every effort to quickly improve our present equipments aiming at the advancement of the qualities of our goods and reduction of the costs as well.

b) The uses of the machines we applied for as below:

11-06(11)-191 Vertical turret lathe Bullard Co. made:
This machine shall be used for machine the frame for small size motor. We have at present 8 sets of the same kind machines with above, but 4 of them are already superannuated being bad in accuracy. We are wishing to substitute these obsolete machines with our applied one in order to curtail our manufacturing time by 30% and if approved our applied machine shall be used for manufacturing our export goods. This sort of machine is unobtainable at present as it is foreign made.

11-06(11)-111 Plain cylindrical grinder 170ø x 460
Landis Co. made.

This machine shall be used for finishing up the shaft of high speed motor for artificial silk. This finishing is required to be within 1/100 m.m. in accuracy while our present machine is so superannuated that the error of its accuracy is more than 5 per cent being unsuitable for high speed motor. Under the present circumstances it is difficult for use to obtain such machine as of high accuracy and we are compelled to use the abovesaid obsolete machine.

There is no hope of importing this sort of horizontal grinder which was imported before.

11-05(6)-616 Production milling machine 1870 x 550

This machine shall be used to plane the pedestal of small motor. We are now finishing up one by one with shapers. However, we should like to equip two or more on milling machines in order to raise up our production efficiency by 80% by mean of running process. This sort of foreign made machine is very difficult for us to obtain.

Signed :

for
Gasuo Yoshikawa

Tsunesuke Wada
President of Fuji Denki
Seizo K.K.

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF
DESIGNATED REPAIR MACHINERY AND EQUIPMENT

Date : 22 February 1951

To : Minister of Finance

From: President of Fuji Denki Seizo K.K.

Address: No. 1, Tanabeshinden, Kawasaki City,
Kanagawa Prefecture

- 1) Name (Code No.) and Location for the plant which intends to use designated repair machinery and equipment.

Name : Fuji Denki Seizo K.K. Kawasaki Factory

Location: No. 1, Tanabeshinden, Kawasaki City,
Kanagawa Prefecture

(Non designated repair plant)

- 2) Name (Code No.) and Location of the plant which designated repair machinery and equipment to be used actually exist.

Name : Kure Naval Arsenal (Code No. 11-05(6))

11th Naval Aeronautical Arsenal (Code No. 11-6(12))

Location: Kure Naval Arsenal
Miyahara-dori, Kure City11th Naval Aeronautical Arsenal
Hiro-machi, Kure City, Hiroshima Prefecture

- 3) List of designated repair machinery and equipment to be moved and used.

Kure Naval Arsenal

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks</u>
11-5(6)-484	Surface grinder Rotary table	Dia of table Travel of table 300 Blanchard	950 1	Page 555 Evaluation Integrated Facility
11-5(6)-1211	Engine lathe	Suring over bed 970 Length of bed Ikegai Tekko	9100 1	Page 929 Evaluation Integrated Facility

11-06
Set II

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks</u>
11-5(8)-1246	Radial drilling machine	Drill capacity 32 Travel of spindle 1020 Ikegai Tekko	1	Page 544 Evaluation Integrated Facility
Total			3	

11th Naval Aeronautical Arsenal

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks</u>
11-6(8)-1431	Vertical turret lathe	Dia of table 600 Bullard	1	Page 85 Evaluation Integrated Facility
11-6(10)- 54	Vertical drilling machine	Drilling cap. Suring Cincinnati	40 700 1	Page 92 Evaluation Integrated Facilities
11-6(10)- 55	"	"	1	" 93
Total			3	

4) Necessity for movement and use of machinery and equipment.

This is the main factory of our company and its producing amount is Y 100,000,000 per month, but most of its machinery equipments had once been damaged by the air raid in the last war. Through some of them have been gradually repaired and put in use, most of them consist of such superannuated machines as were purchased at the time of the establishment of our company in 1923 and were of inferior manufacture. Among our present machinery equipments of 1409 sets, the 500m sets, approximately the one thirds of total, are so inaccurate as are necessitated to be urgently substituted by more efficacious machines. The electric manufactures which we have exported up to this date reaches to a large sum, viz., enquiries received up to date amounts to more than Y 6,000,000,000 among which Y 400,000,000 is the sum of our goods delivered till the present day. Under these circumstances we should like to install strong and precise machines from the view points of improvement of the qualities of our goods and the efficiency of our production. However, such machines are mostly foreign made and even home made superior could not obtain at present.

Impediments in the production of the factory where to our applied machines shall be removed and the respective uses for these machines are as follow:

11-5(6)-484 Surface grinder Blanchard Co. made.
This shall be used to grind the cutting edges of the punch and die to be used for punching the core of rotary machine. We have a machine of the same kind with the above, but as it has been in use over fifteen years and damaged by the air raid in the last war, its efficiency has declined so much as its grinding wheel cannot be precisely adjusted. Consequently many parts of the punch and die must be ground every time of operation so that their lives are to be reduced by half and moreover the surface finished by them are very rough. Being foreign made, this machine is very hard to obtain in the present market.

11-5(6)-1211 Engine lathe 970 ϕ x 9,100 Ikegai Tekko made.
This shall be used for turning the shaft of large type rotary machine. We shall like to use the abovesaid machine in place of our machine of the same kind which we have disused because of its damage by the air raid in the last war in addition to its long year service more than twenty years. This machine is home made, but its efficiency is very good. However, as it is not manufactured at present, we cannot obtain it in the Japanese market.

11-5(6)-1246 Radial drilling machine Ikegai Tekko made.
This machine shall be used for drilling the parts for rotary machine and circuit breaker. As we have disused six pieces of the machines of the same kind with the above on account of their services for more than fifteen years and furthermore war damages, we should like to use the aforesaid machine in place of those abandoned machines. Though we have already applied for two sets of the similar machines kept by the Government, we hereby submit additional application in consideration of the shortage in number. Though this machine is Japanese made, its condition is very good and efficiency. Under the present circumstances, however, this machine is extremely difficult for us to obtain in the market.

11-6(8)-1431 Vertical turret lathe Bullard Co. made.
This machine shall be used to manufacture the parts for large type of circuit breaker. There exist eight pieces of small size vertical lathes similar to the above, but almost of them have been used for more than fifteen years and since they are of old type, they are quite low in efficiency as well as in accuracy so that we intend to raise up our production efficiency as much as 20% by exchanging these machines with more efficacious ones. Being foreign made, this machine for which we hereby apply cannot be found among home made machines.

11-6(10)-54 Vertical drilling machine Cincinnati Co. made.

11-6(10)-55 Ditto

These machines shall be used for processing the parts for rotary machine and circuit breaker.

We have disused ten old type machines of the same kind with the abovementioned on account of their war damages so that we should like to have the substitutes.

Being foreign made, these machines are superior ones and can scarcely be obtained in the market in Japan.

Signed For Yasuo Yoshihara
Tsunesuke Wada
President of Fuji Denki Seizo K.K.

標本

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF
DESIGNATED REPAIRMENT MACHINERY AND EQUIPMENT

Date : 22 February 1951

To : Minister of Finance

From: President of Fuji Denki Seizo K.K.

Address: No. 1 Tanabeshinden, Kawasaki City,
Kanagawa Prefecture

- 1) Name (Code No.) and Location for the plant which intends to use designated repairment machinery and equipment.

Name : Fuji Denki Seizo K K. Matsumoto Factory

Location: No. 2666, Tsukama, Matsumoto City, Nagano Pref.

(Non designated repairment plant)

- 2) Name (Code No.) and Location of the plant which designated repairment machinery and equipment to be used actually exist.

Name : 11 Naval Aeronautical Arsenal (Code No. 11-06)

Location: Hiro-machi, Kure City, Hiroshima Prefecture

- 3) List of designated repairment machinery and equipment to be moved and used.

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks</u>
11-06(11) -120	Automatic screw machine	No. 2G B & S Spindle dia 40 B.L 1050	1	Page 36 Evaluation Integrated Facility
-121	"	"	1	Page 37 Evaluation Integrated Facility
11-06(8) -478	Square shear	Capacity 1650 x 6mm Weingarten	1	Page 229 Evaluation Integrated Facility

11-06
Part II