DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

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

Description of contents

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(2) Folder title/number: (11)
Kureha Kogyo K.K. - Kureha Plant

(3) Date: Jan. 1946 - July 1947

(4) Subject:

Classification	Type of record
9230, 9621	z

(5) Item description and comment:

Toyama

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

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Kureha Industry Co., Ltd.
Daimon, Toyama

Reasons which Necessitates the Exemption of a Certain Number of Machineries from Reparation Objects.

(a) Established in 1921, this factory has a history of over 20 years as producers of cotton yarn and cloth having a well equipped reparing shop. With the outbreak of World War II, however, the factory was on account of skillfulness of reparing works converted to a wooden aircraft manufacturing company, operating chiefly in the manufacture of parts used more or less for trial purposes.

Inasmuch as great difficulties were encountered during the War in acquiring necessary tools and machinery, a large part of the machinery installed in the several mills -- that is, 13 mills as per annexed list attached, owned by Kureha Spinning Company which had been used for the repair work of damaged machines were brought in and set up at Fukuno. Parts and accessories for wooden aircrafts were consequently put out on trial, but operation came to a halt without seeing the utilization of the entire outfit at the time the War ended.

(b) With the termination of the War, reconversion of the factory to its original operation and the return of the aforementioned machines to the owners were contemplated to be the logical step to take in order to speed up repair works of cotton and rayon spinning machines damaged by bombs and fire. In the light of the fact that the majority of spinning machines in Japan have either been burnt, damaged or displaced, the factory deems it necessary to utilize their present equipment to its fullest extent to centralize and undertake repair works of such damaged machines -- this in order to bring about a speedy and fundamental recovery of the spinning industry. Reconversion of the factory toward this end is receiving much expectation and attention among spinning circles in Japan.

(c) The repair work of damaged spinning machines requires readjustment of a few hundred thousand odd parts, each of which will have to undergo removal of rust, be welded wherever necessary or manufactured anew. To assemble these parts together, considerable working space is required, in which connection, the factory possesses ample space and facilities.

(d) The Fukuno mill has at hand picked technicians and workers having many years' experience in repair works as well as in the manufacture of parts and accessories. These men, in combination with expert operators and engineers, have always shown excellent teamwork and can be counted upon to do their jobs with the utmost care and precision.

(e) While it is evident that recovery of the spinning industry has been retarded owing chiefly to the damage of at least 70% of the spinning mills caused by bombing, fire and requisitioning, the low efficiency in repair works is undoubtedly holding up production of cotton yarn and cloth. The Fukuno mill is about the only of its kind in Japan capable of handling complete and thorough repair works.

For reasons given above, it is hoped that approval be granted to retain at least the 149 sets of machinery shown in the attached list which were moved in from affiliated factories, for the purpose of repairing damaged spinning machines.

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PURCHASED LIST IN EACH MILL OF MACHINERIES
REQUESTING EXEMPTION FROM REPARATION PURPOSES

Name of Machine	Purchased Year	Name of Mill Purchased						Machine	
		Taka-hagi	Kureha	Yamato-gawa	Chi-gusa	Sho-gawa	Inami	Ioda	
Drilling Machine	1934	3		1					
	1935		2	2					
	1936	2	1						
Radial Drilling Machine	1937					1			
Grinding Machine	1934			1					
	1936	2							
	1937	2							
	1944	1							
Lathe	1931			1				2	
	1933								
	1934			2					1
	1935	2							
	1936	1	1	1				2	
	1937							1	
	1943			3					
	1944	10	3	2	5	2	2		2 3
Milling Machine	1930		1						
	1935	4							
	1936	2		1					
	1937			1					
	1943	2			1				
	1944	2	1						
Planer	1934		1						
Slotter	1936		1						
	1937	2							
Shaper	1934			1					
	1935	2	1						
	1937		1						
Press	1935	3							
	1939	1							
	1940	1							
Transformer	1922								
	1924								
	1925								
	1926								
	1927								
	1928								
	1930								
	1936								
	1942								
	1943								
Total		43	13	16	6	3	2	5	6

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...NERIES
...PURPOSES

Kureha Industry Co., Ltd.

...urchased	Machine								Total
Inami	Koda	Arai	Ina-gawa	Naga-oka	Daimon	Oyodo	Nishiki	Fukuno	
									4
									4
									3
									1
									1
									2
									2
									1
	2			2	1				6
				1					1
		1				2			5
									2
	2			1					6
	1								1
		2	2			1			8
2		3		1	1		2	3	34
									1
									4
									3
									1
									3
									3
									1
									1
									2
									1
									3
									1
									3
									1
									1
									1
									2
									5
									6
									6
									8
									5
									1
									1
									1
									4
2	5	6	2	5	2	3	2	42	149

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LIST OF MACHINES REQUESTING EXEMPTION OUT OF REPARATION OBJECTS

Kureha Industry Co., Ltd.,
Daimon, Toyama

	1922-1929	1930	1931	1933	1934	1935	1936	1937	1939	1940	1942	1943	1944	Total
Drilling Machine					4	4	3							11
Radial Drill								1						1
Grinding Machine			[illegible]	[illegible]	1		2	2					1	6
Lathe			6	1	5	2	6	1				8	34	63
Milling Machine		1				4	3	1				3	3	15
Planer					1									1
Slotter							1	2						3
Shaper					1	3		1						5
Press						3			1	1				5
Transfomer	32	1					1				1.	4		39
Total	32	2	6	1	12	16	16	8	1	1	1	15	38	149

LIST OF YEAR CLASSIFICATION OF MACHINERY

Kureha Industry Co., Ltd.
Daimon, Toyama

Name of Machine	Total Machines Held at Present	Number of Machines Requesting Exemption out of Reparation objects.		Number of Machines Left for Reparation
		Up to 1937 Before War	1938 - 1944 During War	
Drilling Machine	89	11	0	78
Radial Drill	1	1	0	0
Grinding Machine	49	5	1	43
Lathe	85	21	42	22
Milling Machine	17	9	6	2
Planer	1	1	0	0
Slotter	6	3	0	3
Shaper	6	5	0	1
Press	46	3	2	41
Transformer	49	34	5	10
Others	99			99
Total	448	93	56	299

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

July 21 , 1947

TO : Chief of Toyama Military Government Team.

THROUGH : Toyama Prefectural Government.

FROM : Kureha Industry Co.,Ltd.
Inuani 50, Daimon-machi, Imizu-gun, Toyama Pref.

REPORT OF COMPLETED MOVEMENT OF REPARATIONS MACHINERY

Concerning the movement of reparations machinery -

Name of Machine	Inventory Sheet No.	Quantity
Press (Oil pressure) for wood work	42 - 3 - 50	1 set
Pump (Three plungers) for wood work	42 - 3 - 131	1 set

in the interior of the Kureha Plant of our company, for which application you have approved, we report you that has finished today its completed movement. We are satisfied with the result of trial use of these machines for assembling and fitting of wooden products.

We report you herewith the completed movement, showing the present location of them with attached sketch, and express a deep sense of gratitude for your approval.

Signed Masao Ohshima
MASAO OHSHIMA
Chief of General Affairs Dept.,
Kureha Industry Co.,Ltd.

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Kureha Plant, Kureha Indus

Office

Former location

Press

Pump

Shop C

Shop B

Shop A

Press Pump

Saw blade resharpening room

Saw Mill

Timber pool

呉工呉羽工場建物	
摘要	油圧プレス
調製	昭和22年2月
縮図	1:1200

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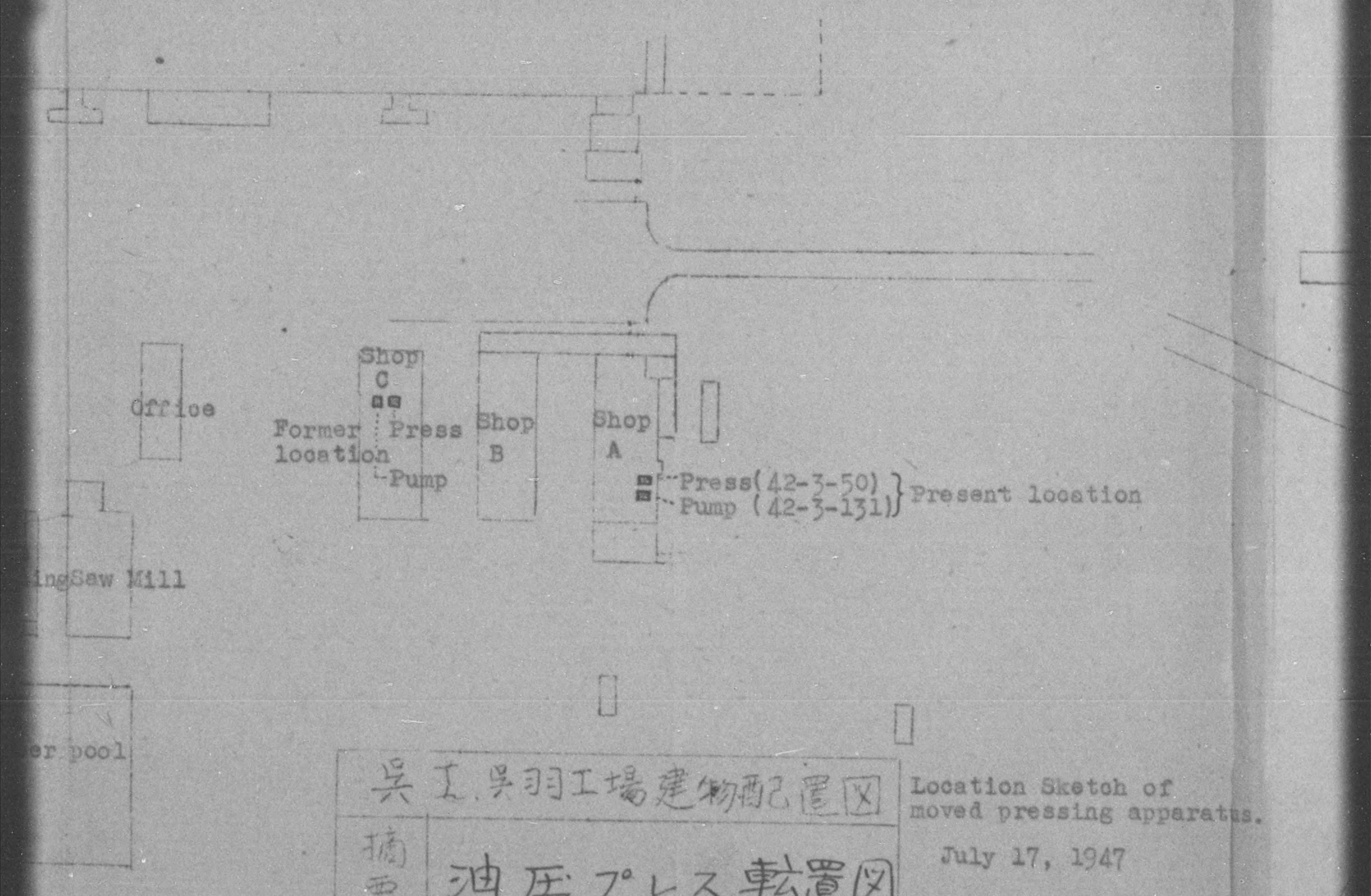
Kureha Plant, Kureha Industry Co.,Ltd.



摘要	油圧プレス転置図
調製	昭和22年7月17日
縮図	1:1200

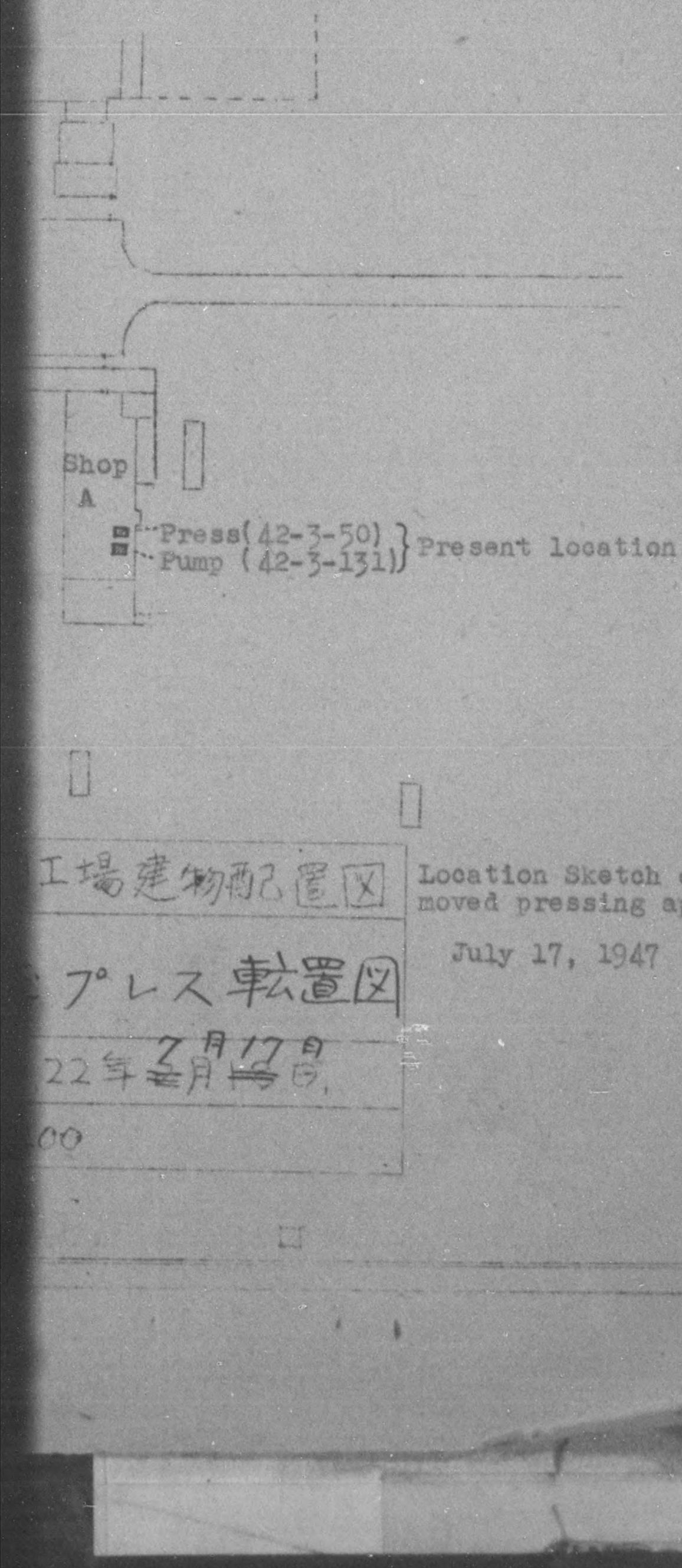
呉工.呉羽工場建物配置図

Location Sketch of moved pressing apparatus.

July 17, 1947

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Kureha Industry Co.,Ltd.



工場建物内配置図

プレス転置図

22年7月17日

00

Location Sketch of moved pressing apparatus.

July 17, 1947

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June 20 ,1947

TO : Headquarters, Toyama Military Government Team.

FROM : Kureha Industry Co.,Ltd.
Inunai 50, Dainon-machi, Imizu-gun, Toyama Pref.

THROUGH: Toyama Pref Government

REPORT OF COMPLETED MOVEMENT OF REPARATIONS MACHINERIES IN THE INTERIOR OF THE FUKUNO PLANT.

1. Name of Plant, completed the Movement:
Fukuno Plant, Kureha Industry Co.,Ltd.

2. Location of Plant:
Fukuno-machi, 100, Higashi Tonami-gun, Toyama Pref.

Following by application for exclusion of reparational land and building of one workshop of the Fukuno Plant, (the permit for which was granted on March 17,1947) we have commenced the movement of reparations machineries from the original workshop to another one by permission verbally authorized by Captain Eugene Moss, the office in charge at that time, for which we have presented apart the application for movement of 261 sets of machineries which were in the original workshop, dated on Feb.17, 1947.
Recently we have completed the movement of them.

We report you herewith the completion of the movement with a complete booklet of diagrams showing every one of 448 sets, the whole inventoried reparations machineries, placed in position.

Signed Masao Ishima
MASAO ISHIMA
Chief, General Affairs Dept.
of Kureha Industry Co.,Ltd.

ARRANGEMENT DIAGRAM OF MACHINES ON INVENTORY SHEET BELONGING TO THE FUKUNO PLANT OF THE KUREHA INDUSTRIAL CO., LTD

CONTENTS

Pl. 1 List of machines on inventory sheet
Pl. 2. Arrangement diagram of machines.
Pl. 3 Details of ABCD in Pl. 2.
Pl. 4. Arrangement diagram of transformers.

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PL. 1-1

LIST OF MACHINES ON INVENTORY SHEET 登錄機械明細表

Classification	Machine	機械名	Number	Amount	Notes
MACHINE TOOLS 工作機械	Drilling machines - Hand feed upright	直立ボール盤	107-114	18	
	Drilling machines - Radial	ラジアルボール盤	175	1	
	Drilling machines - Bench type	卓上ボール盤	86-156	71	
	Grinding machines - External cylindrical - Plain	円筒研削盤	194	1	
	Grinding machines - External cylindrical - Univer-	万能研削盤	191	1	
	Grinding machines - Internal cylindrical	内面研削盤	93, 448	2	448, Borrowed from Nagaoka
	Grinding machines - Surface grinding	平面研削盤	192	1	Technical College
	Grinding machines - Universal cutter and tool grinders	万能工具研削盤	195, 196	2	
	Grinding machines - Stand grinders	砥石盤	197-228	32	
	Lathe - Engine and tool room	普通旋盤	4, 6-24 26-72	70	
	Lathe - Turret lathe, ram type	六角旋盤	5, 73-85	14	
	Lathe - Automatic screw machines	自動旋盤	252	1	
	Lathe - All other	其他旋盤	25	1	Relieving lathe
	Milling machines - Bed type - Vertical	寝型竪フライス盤	185, 186	2	
	Milling machines - Knee type, horizontal - Plain	膝型横フライス盤	176-179 183	5	
	Milling machines - Knee type, vertical	膝型竪フライス盤	181, 180-182 187-190	8	

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	Milling machines - Thread	ねじ切り盤	254, 255	2	
	Planer - Double housing	平削盤	239	1	
	Miscellaneous machine tools - Shapers & slotters - Horizontal	横削盤	240 - 245	6	
	Miscellaneous machine tools - Shapers & slotters - Vertical	竪削盤	256 - 261	6	
	Miscellaneous machine tools - Polishing and buffing machines	バフ盤	389 - 393	5	
	Miscellaneous machine tools - Cut-off and sawing machine - Hack	金切鋸盤	246 - 251	6	
	Miscellaneous machine tools - Cut-off and sawing machine - Abrasive	高速切断機	262 - 266	5	
	Miscellaneous machine tools - Centering machine	心立盤	253	1	
			Total	262	
SECONDARY METAL FORMING & CUTTING MACHINES & EQUIPMENT 産業機械	Bending machines - Plate and sheet roll bending	板金曲ロール	314	1	
	Bending machines - Plate and sheet press	折曲機	315 - 323	9	
	Bending machines - Pipe and tube bending machines	パイプ曲機	351 - 353	3	
	Bending machines - Plate and sheet forming rolls	ホーミングマシン	349, 350	2	
	Hydraulic presses - Vertical	水圧プレス	268 - 280 310, 313	17	
	Mechanical presses - 1-point vertical	パワープレス (クランクプレス)	281 - 292 298 - 300	14	
	Mechanical presses - Friction spindle	摩擦プレス	296, 297	2	
	Mechanical presses - Mannual press	ハンドプレス 足踏プレス	299 301 - 309	10	
	Shearing & punching machines - Rotary disc shear	サーキュラーシヤー	330, 331	2	

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PL. 1-3

	Shearing & punching machines - Square Shear	角剪断機	326-327 332-333	7	
	Shearing & punching machines - Combination punching & shearing	複合機	293-295	3	
	Shearing & punching machines - Coupling machine	カップリングマシン	324, 325	2	
	Welding machine - Electric	電気熔接機	383-386	4	
	Testing and measuring machine - Hardness Testing	硬度計	47	1	
	Miscellaneous metal working equipment - Heat treatment furnace	熱処理炉	377-378	2	
	Miscellaneous metal working equipment - Riveting machines	リベット機	345-348	4	
	Portable metal working machines - Portable grinder	ポータブルグラインダー	227-238	10	
	Bending machines - Bar bending machines	棒曲機	269	4	Structural engineering
			Total	104	
OTHER MACHINES AND EQUIPMENT	Sand Blast	サンドブラスト	364, 365	2	
	Crysterizing Furnace	結晶炉	371	1	
	Acetylen Gas Producer	アセチレンガス発生機	366, 370	5	
	Coal Gas Praducer	石炭ガス発生機	375, 376	2	
	Glazing Furnace	溶解炉	378	1	
	Charcoal Gas Producer	木炭ガス発生機	375, 376	2	
	Band Sawing Machine	帯鋸盤	154	3	Wood work

PL. 14

Circular Saw	丸鋸盤	359	1	
Scroll Saw	曲線鋸機	360~363	4	
Wood Turning Lathe	木工旋盤	364	1	
Hand Planing Machine	鉋盤	365	1	
Air Compressor	空氣壓縮機	366~370	4	
Dehydrator	脫水機	371	1	
Statical Condenser	靜電蓄電器	394~399	4	
Transformer	變壓器	398~446	49	
Induction Apparatus	感應儀	447	1	
		Total		

TOTAL 448

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PL. 2.

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ARRANGEMENT DIAGRAM

WESTERN SHOP
西部工場

Erecting shop
組立工場

Wood-work shop

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...IENT DIAGRAM OF MACHINES 機械配

Boiler room 汽罐室

381

365

369

380

...HOP

...ing shop
工場

137

91

210 185 184 177 186

139

Arrangment s...
for spinni...
整備 I...

199 194 193 195 190 176 191 391

☞ As for ABCD, see annexed plate.

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CHINES 機械配置図

Boiler room 汽罐室

Foundry 鑄物工場

Acetylene gas producer plant

Repairing shop of automobil 自動車修理工場

Arrangment shop for spinning machinery 整備工場

EASTERN SHOP 東部工場

As for ABCD, see annexed plate.

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Acetylene gas
producer plant アセチレン瓦斯発生所

368

367

226 225 94

Repairing shop
of automobil

396 93

自動車修理工場

N SHOP

工 場

234

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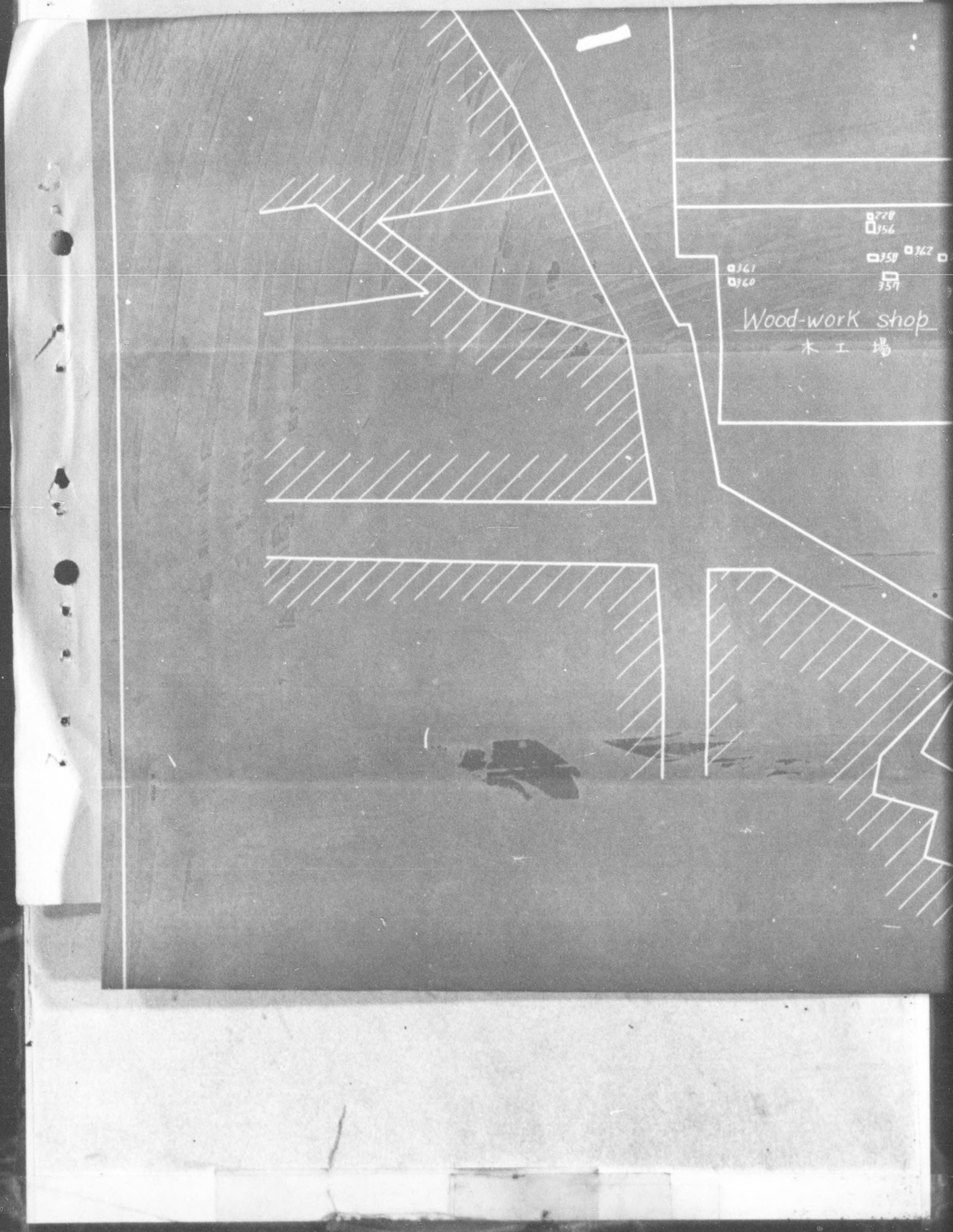

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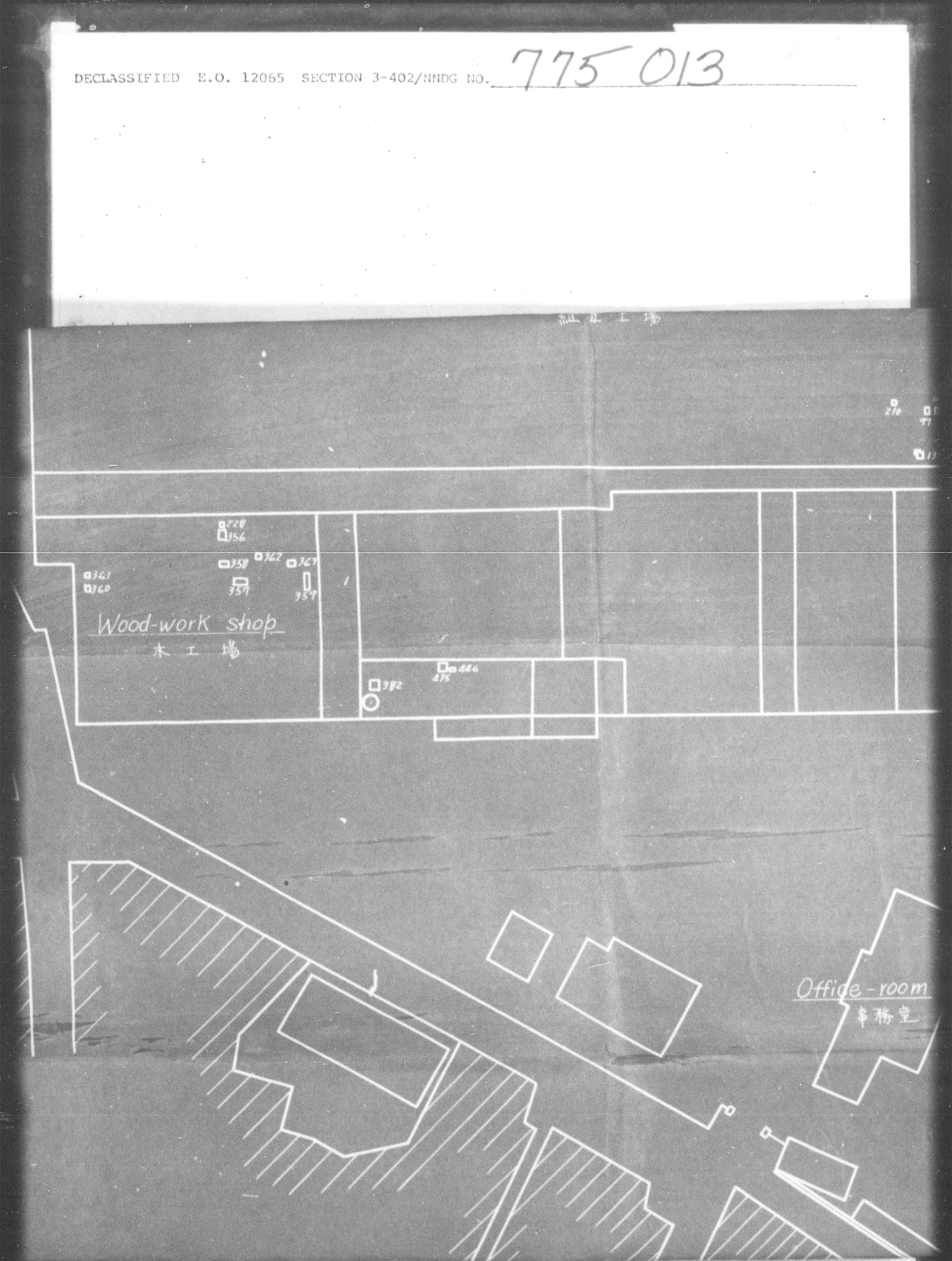

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105 104
210 97 86
139
291 391
E
As for ABCD, see annexed plate.
175
215
A B D C
Office-room 事務室
Office-room 事務室

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EASTERN SHOP
東部工場

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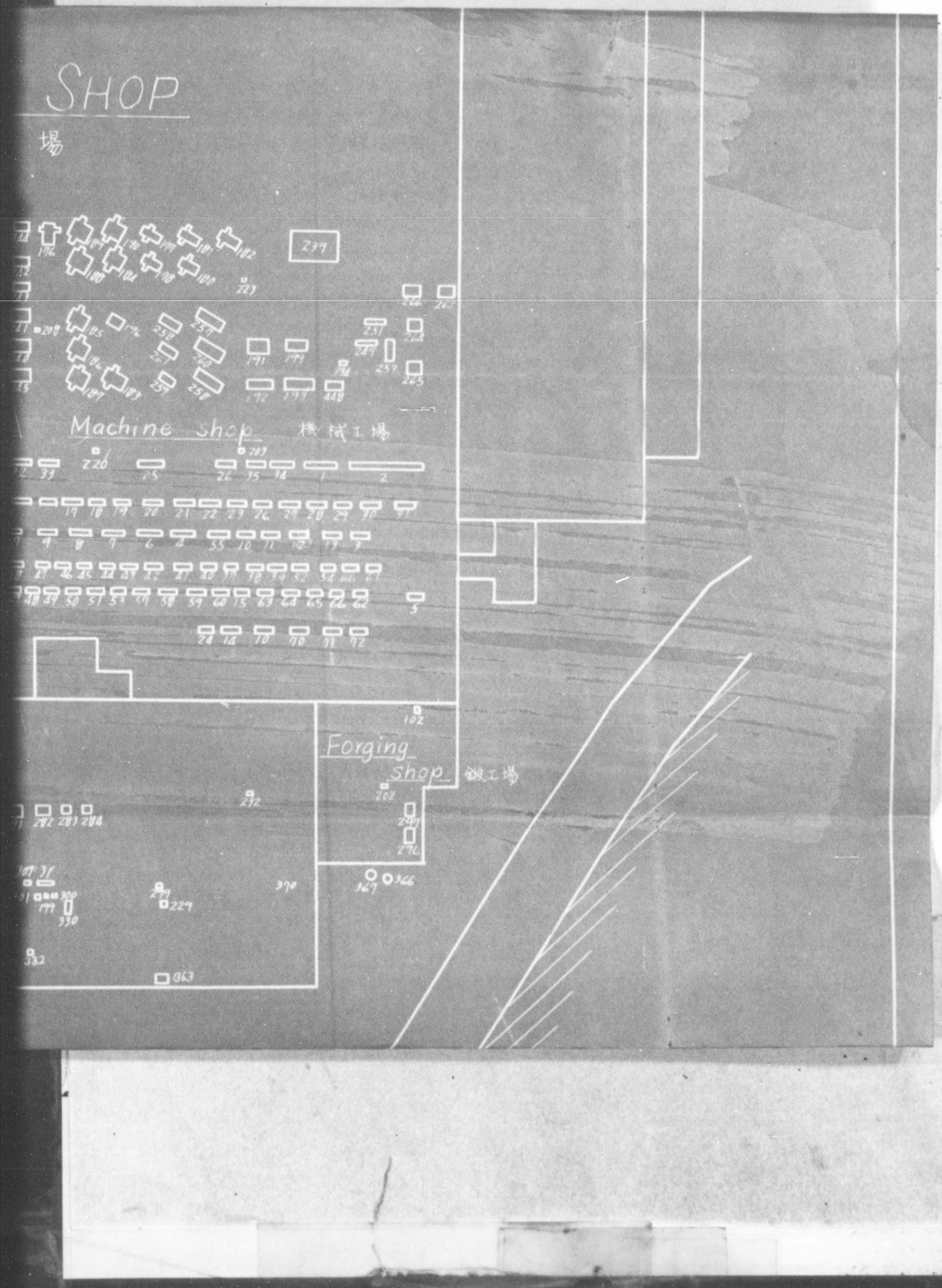

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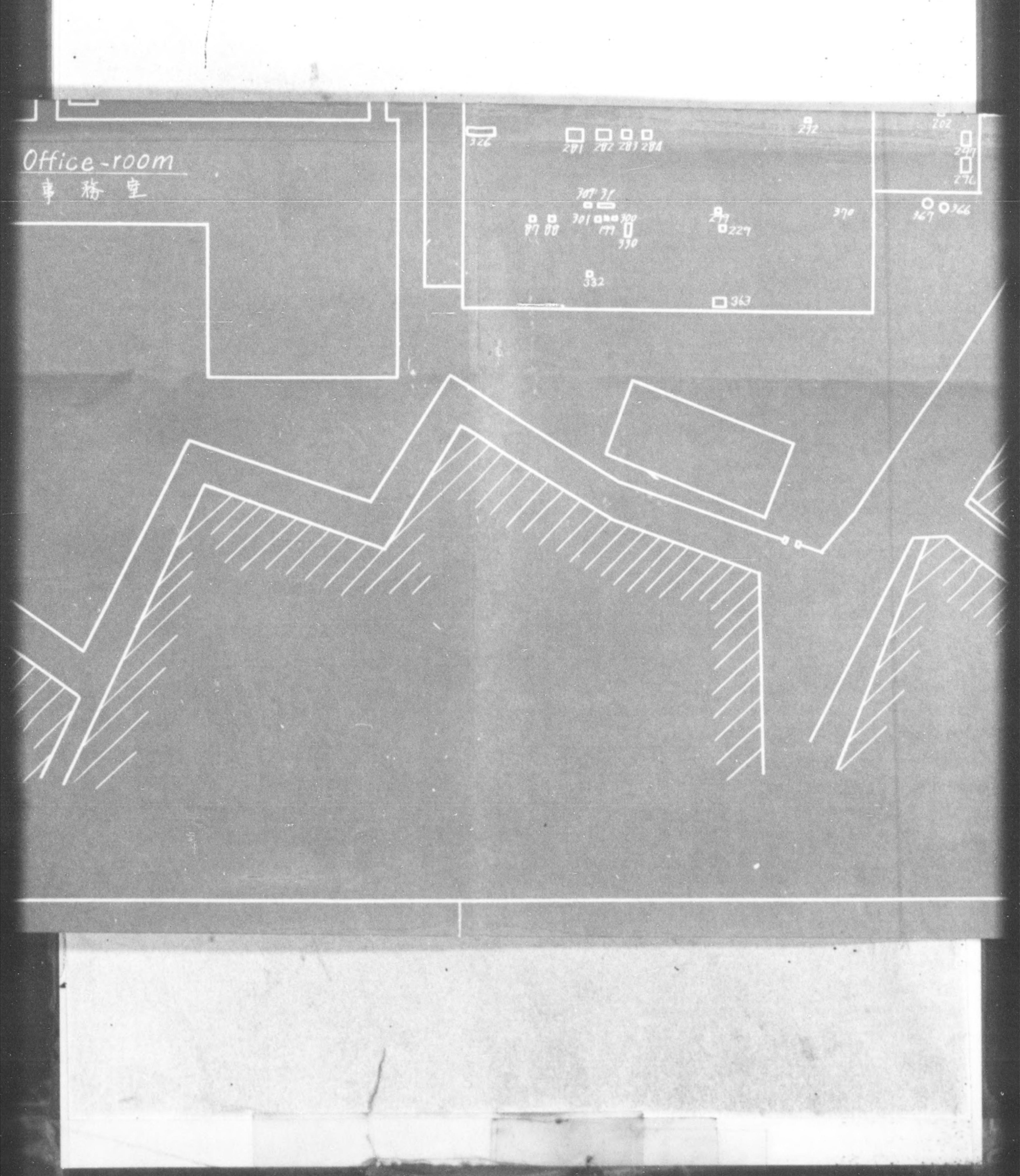

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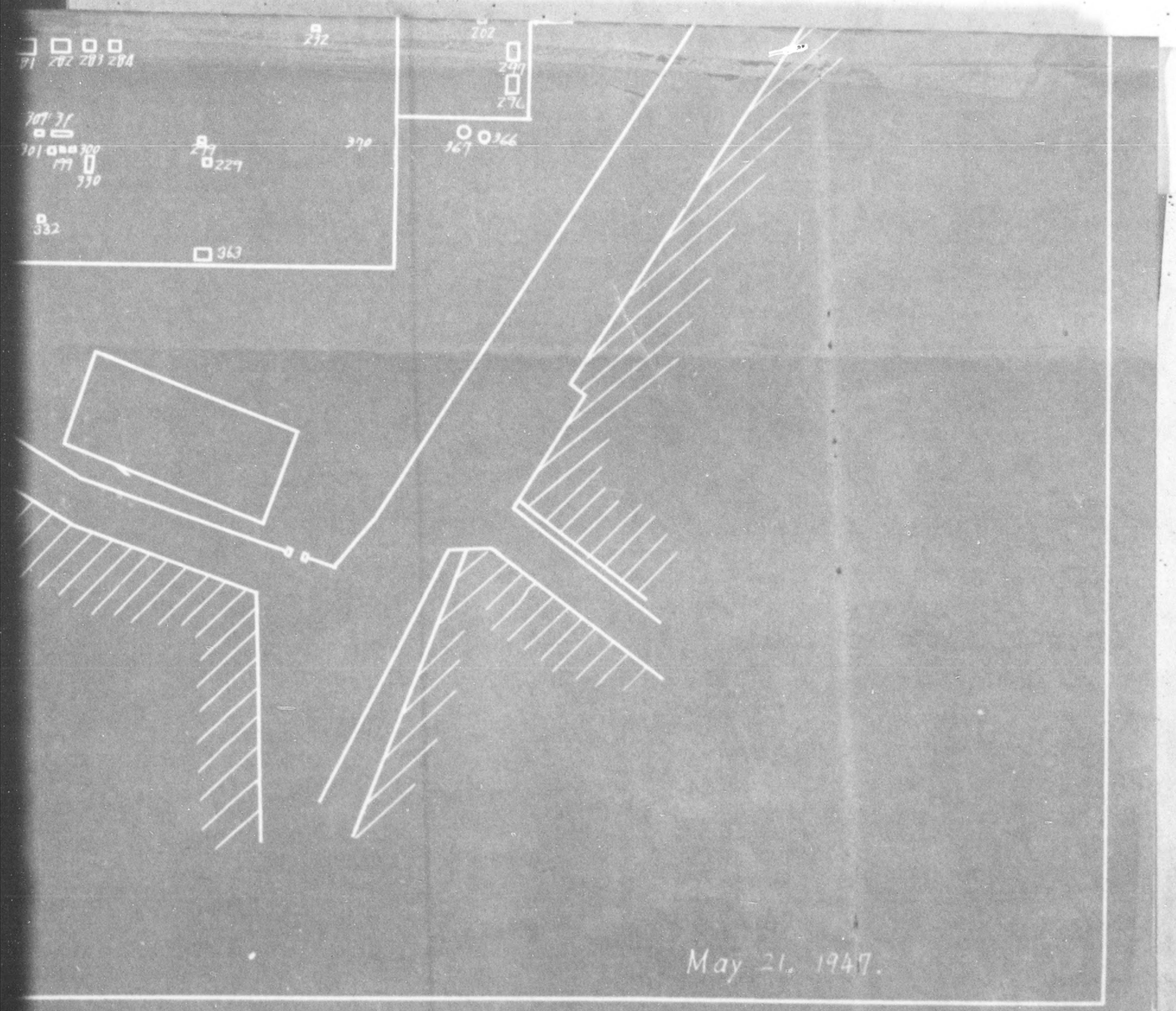
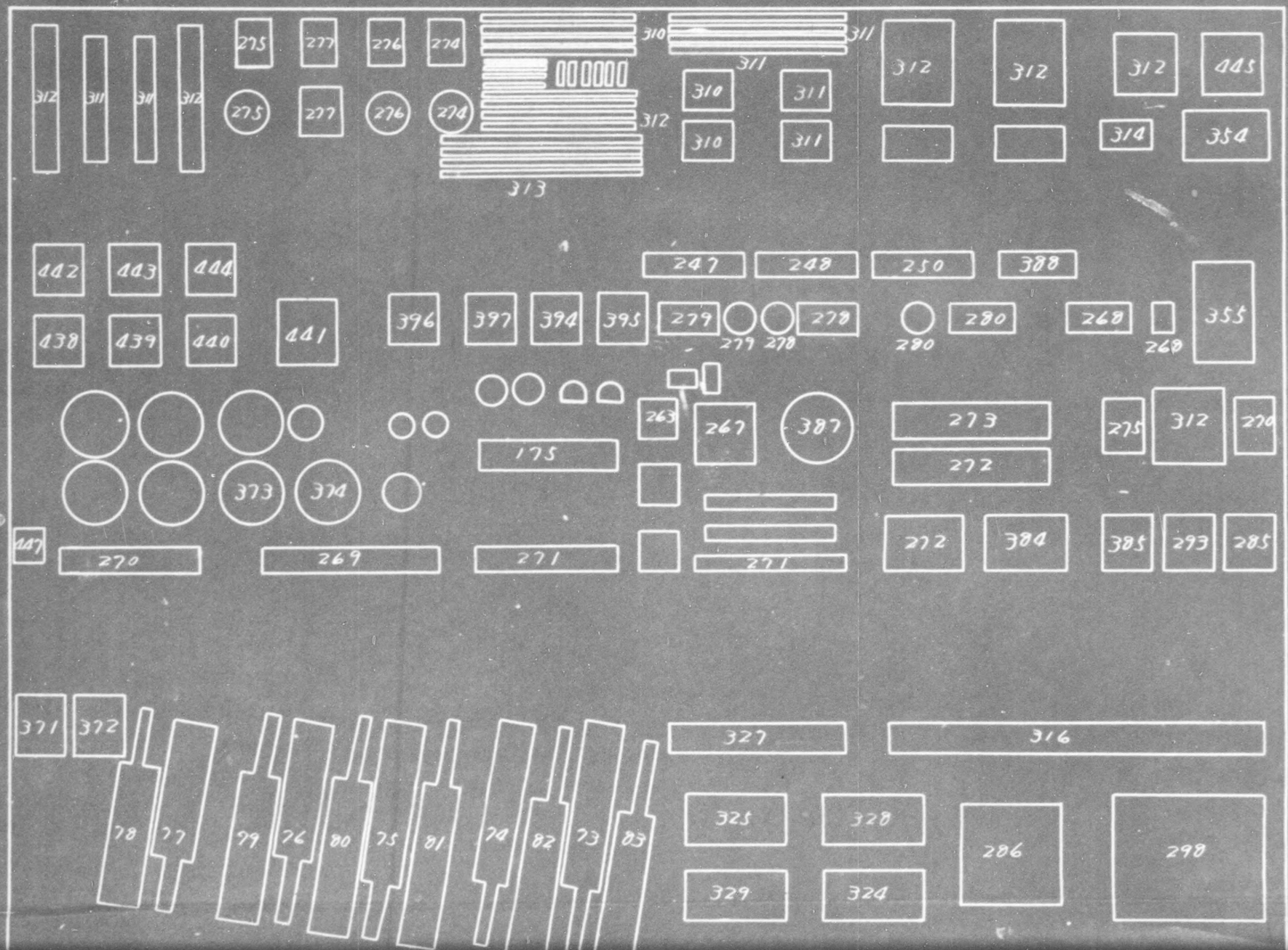


PL. 3.

DETAILS OF ABCD IN PL. 2. ABCD部詳細図



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May 20, 1947

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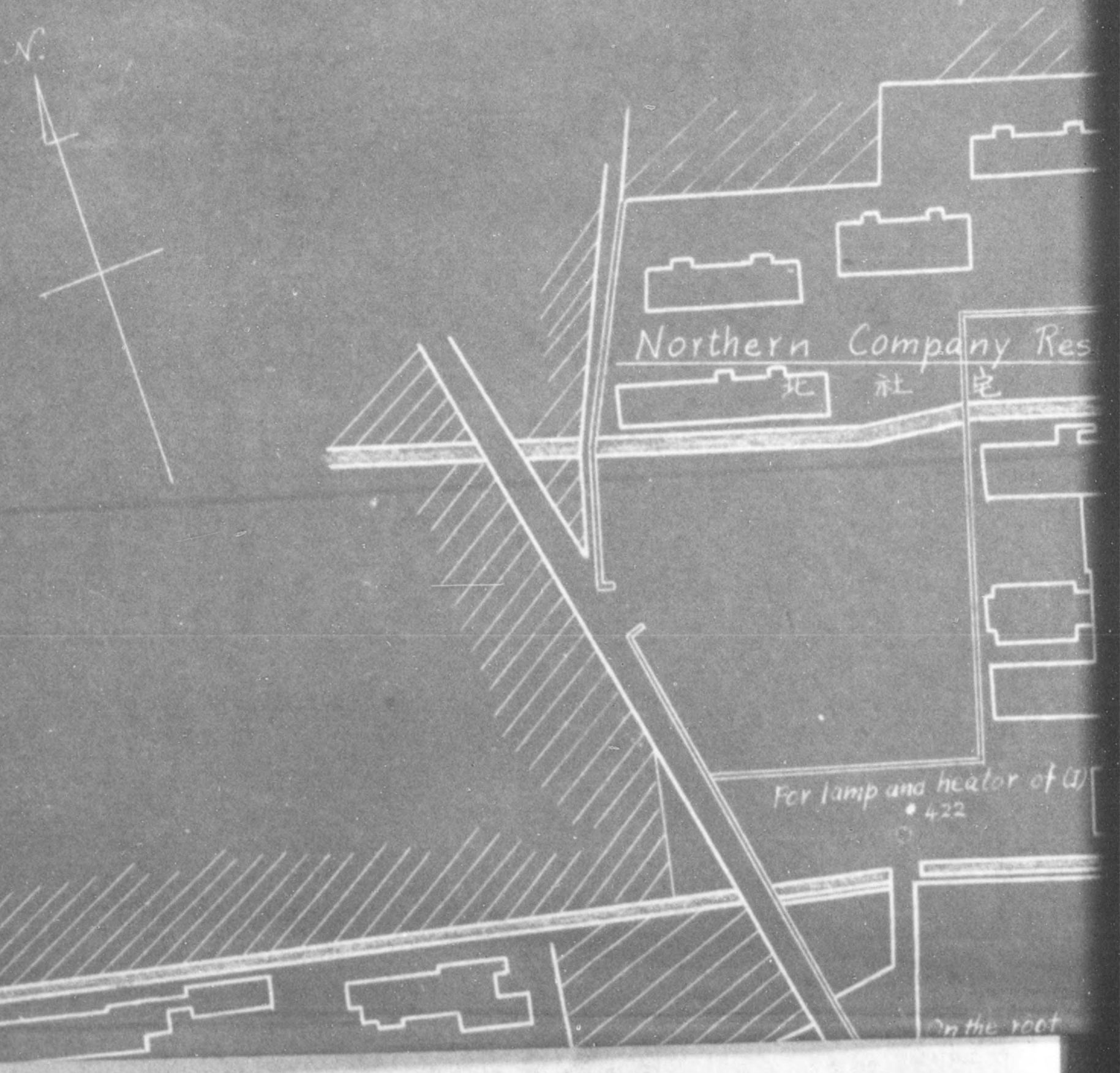
PL. 4.

ARRAN



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ARRANGEMENT DIAGRAM OF TRANSFORM

変圧器配置図

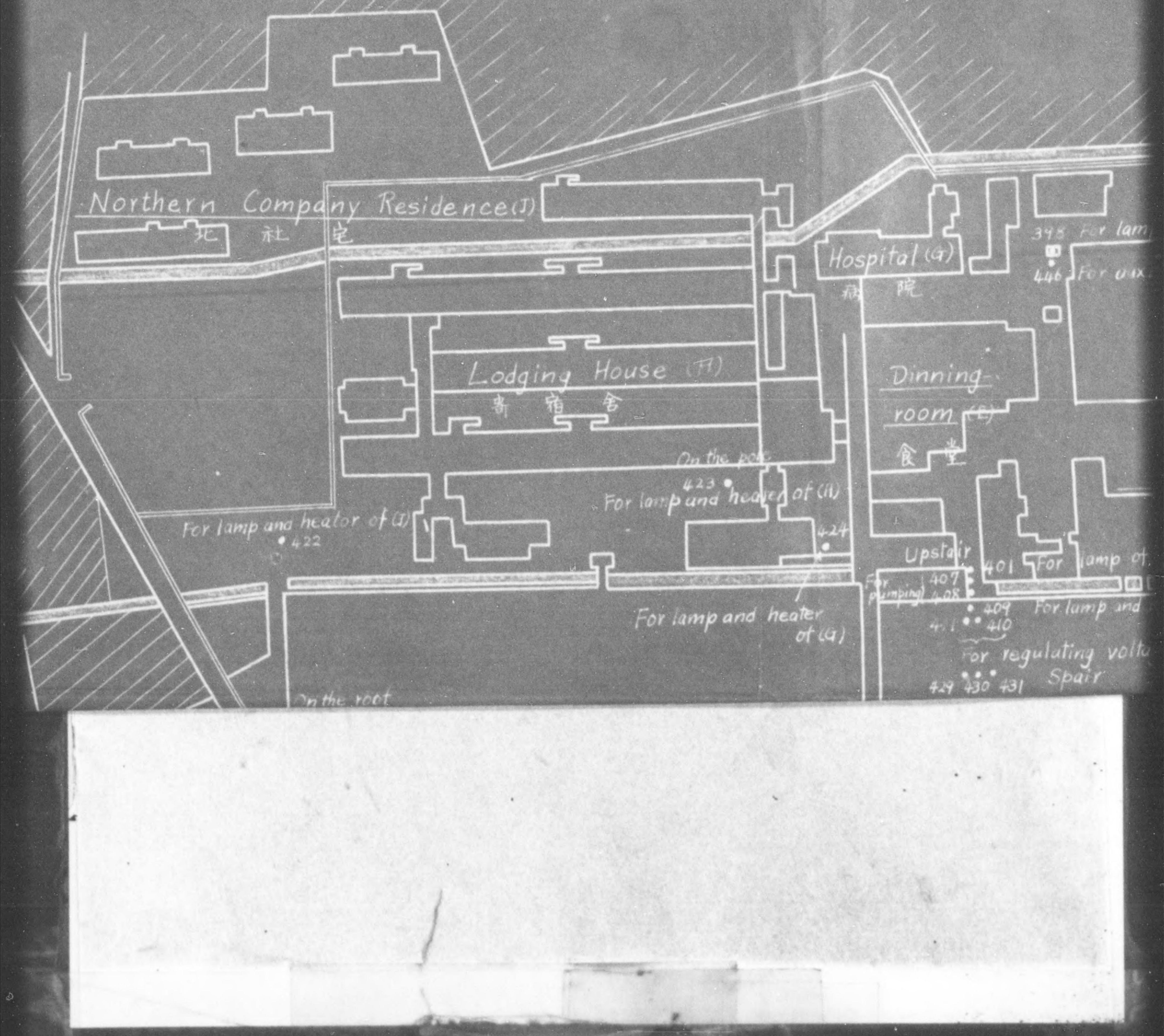

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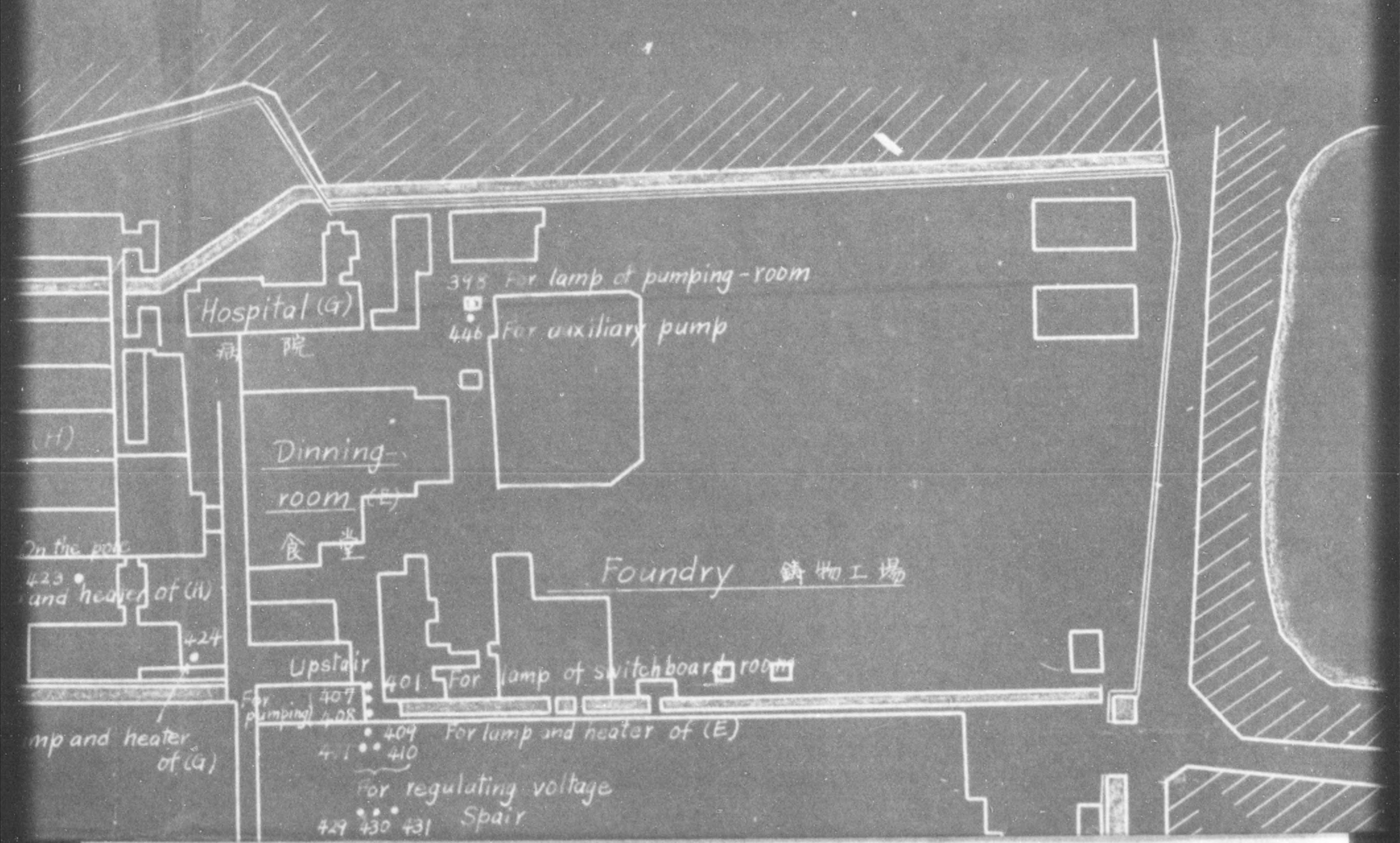
DIAGRAM OF TRANSFORMERS

变压器曲置图



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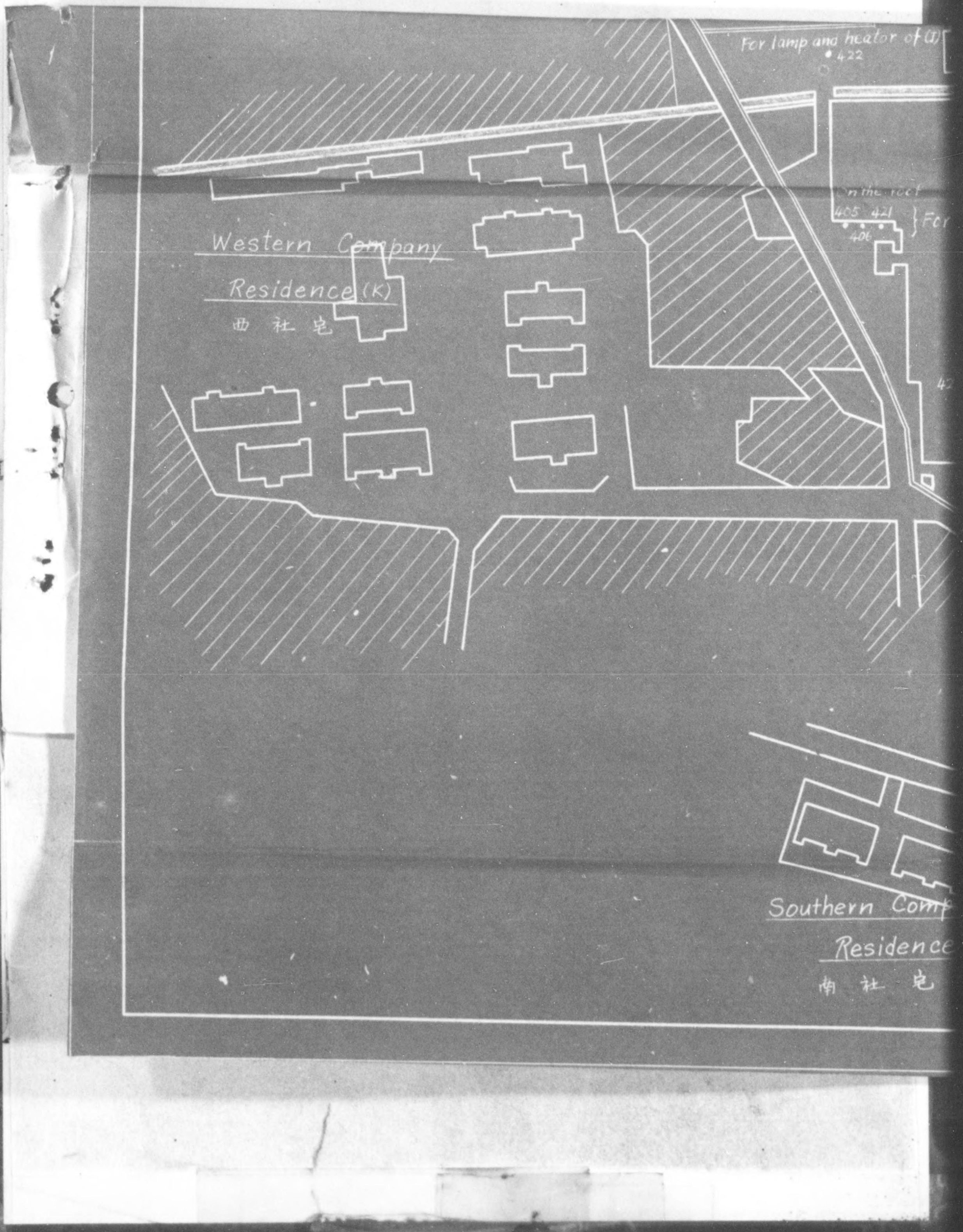
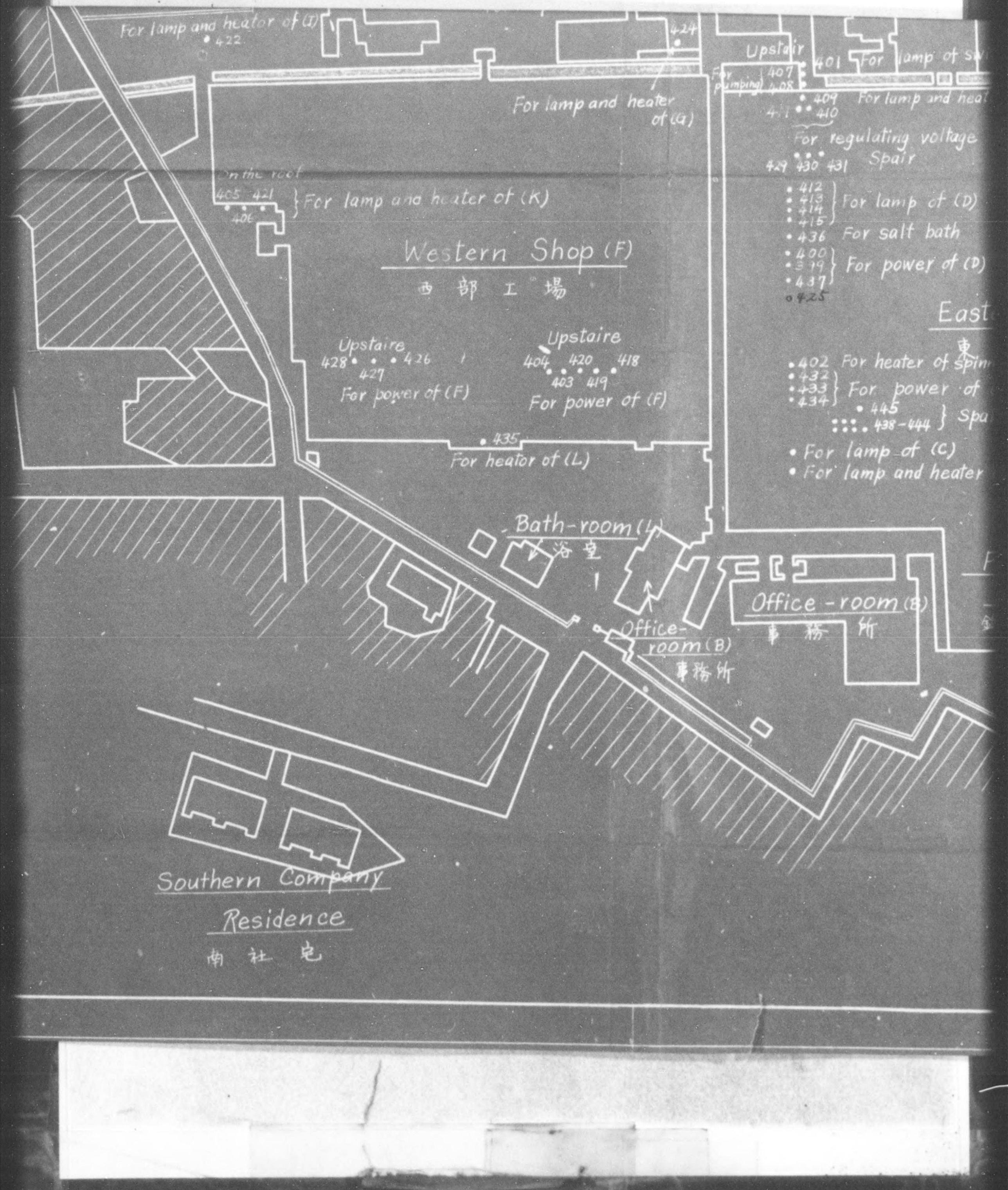


DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

424

Upstair

401 For lamp of switchboard room

For pumping) 407 408

409 For lamp and heater of (E)

410

For regulating voltage

429 430 431 Spair

412
413
414
415 } For lamp of (D)

436 For salt bath

400
419 } For power of (D)
437

425

lamp and heater of (G)

Shop (F)

場

Upstaire

420 418

403 419

or power of (F)

of (L)

th-room (L)

浴室

Eastern Shop (D)

東部工場

402 For heater of spinning machinery repairing

432
433 } For power of (D)
434

445
438-444 } Spair

For lamp of (C)

For lamp and heater of (B)

Office-room (B)

事務所

Office-room (B)

事務所

Forging shop (C)

鍛工場

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Jan. 16th.,1947

To : Headquarters, Eighth Army.

Through: Toyama Military Government Team.

Through: Toyama Prefectural Government.

From : Kureha Cotton-Mill, Daiken Co.,Ltd. and
Kureha Plant, Kureha Industry Co.,Ltd.
located both at 2247, Odake, Kureha-mura,
Nei-gun, Toyama Pref.

Subject: Application to be limited and clarified the Border of the Reparation Plant.

The Kureha Plant of Kureha Industry Co.,Ltd. located at 2247, Odake, Kureha-mura, Nei-gun, Toyama Pref. was designated as a reparation plant, owing to having converted by order to a wooden aircraft-parts manufacturing works at the near end of the war.

1. Following termination of war, the Kureha Plant of Kureha Industry Co.,Ltd. is engaging in manufacture of wood work products such as furnitures for war-sufferers and wooden parts of agricultural equipments under granted permission to operate.

On the other hand, Kureha Cotton-Mill of Daiken Co.,Ltd. is fulfilling its reinstatement works for the permitted operation in the same plant under granted permission of manufacture of cotton yarn and cotton textile, permit No.IG 116 by Headquarters, 1 Corps, dated Jan.21st,1946, and is now in operation with more than half of its full capacity.

In this connection, Kureha Cotton-Mill of Daiken Co.,Ltd. has been engaging in manufacture of cotton yarn and cotton textile in this plant until February 1944, when this plant was transferred to Kureha Industry Co.,Ltd.

2. On account of fulfilment of strict duty to take custody of the reparation machines and to preserve them in good condition by Kureha Industry Co.,Ltd., we desire that be removed those reparation machines which exist only in the building occupying Daiken Co.,Ltd. as a cotton-mill, to another independent building in a limited area more convenient for custody.

3. We desire to divide up the area with fencings according to the border marked in sketch of annex No.1,after having accomplished necessary removl of the reparation machines.
Therefore, we request you separate off the area and building occupying Daiken Co.,Ltd. from the Kureha Plant of Kureha Industry Co., Ltd., the reparation Plant.

As a result of this separation, Kureha Plant of Kureha Industry Co.,Ltd. be possible to perform its duties to take custody of and keep the reparation machines in good condition and to protect them against fire and robbery.

(Cont'd)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4. On account of 4 units of transformer undermentioned as reparation purposes are the attachments of the building occupying Daiken Co.,Ltd. in case of sudden removal of them, it shall result that Daiken Co.,Ltd. cannot continue its regular operations and its spinning and weaving works be interrupted that take heavy charge of exportation and supply of clothes to the people.

Inasmuch as, we request you let Daiken Co.,Ltd. use them remaining at the present places. But, as it is possible Daiken Co.,Ltd. will get another new transformers to substitute, they shall be returned back you as soon as he gets new ones.

The 4 units of transformer of 30 KVA each, Inventory Sheet Code Number (42-3-91, 42-3-92, 42-3-93, 42-3-94), on the floor of the Electric Power Controlling Room, for lighting the whole building of Cotton-Mill, its area is 36,791m².

We request earnestly you grant us permission about the abovementioned application in each item.

Attached one sketch of plant.

Signed by H. Aoki.
Kureha Cotton-Mill of
Daiken Co.,Ltd.
Factory-Master:
Yoshinari Aoki

Signed by K. Takizawa
Kureha Plant of Kureha
Industry Co.,Ltd.
Factory-Master:
Koshi Takizawa

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

大建産業株式會社呉羽工
呉羽工業株式會社呉羽工

Sketch to be limited and
Classified the Border of
the Reparation Plant.
Area of Kureha plant of
Kureha Industry Co.,Ltd.

Remark:

Red oblique lined shown

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

會社呉羽工場

會社呉羽工場

建物配置図

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

物置配置図

Hokuriku R.R

To Takaoka
至高岡

Back gate

Watch-man house

Electric Power Controlling Room

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

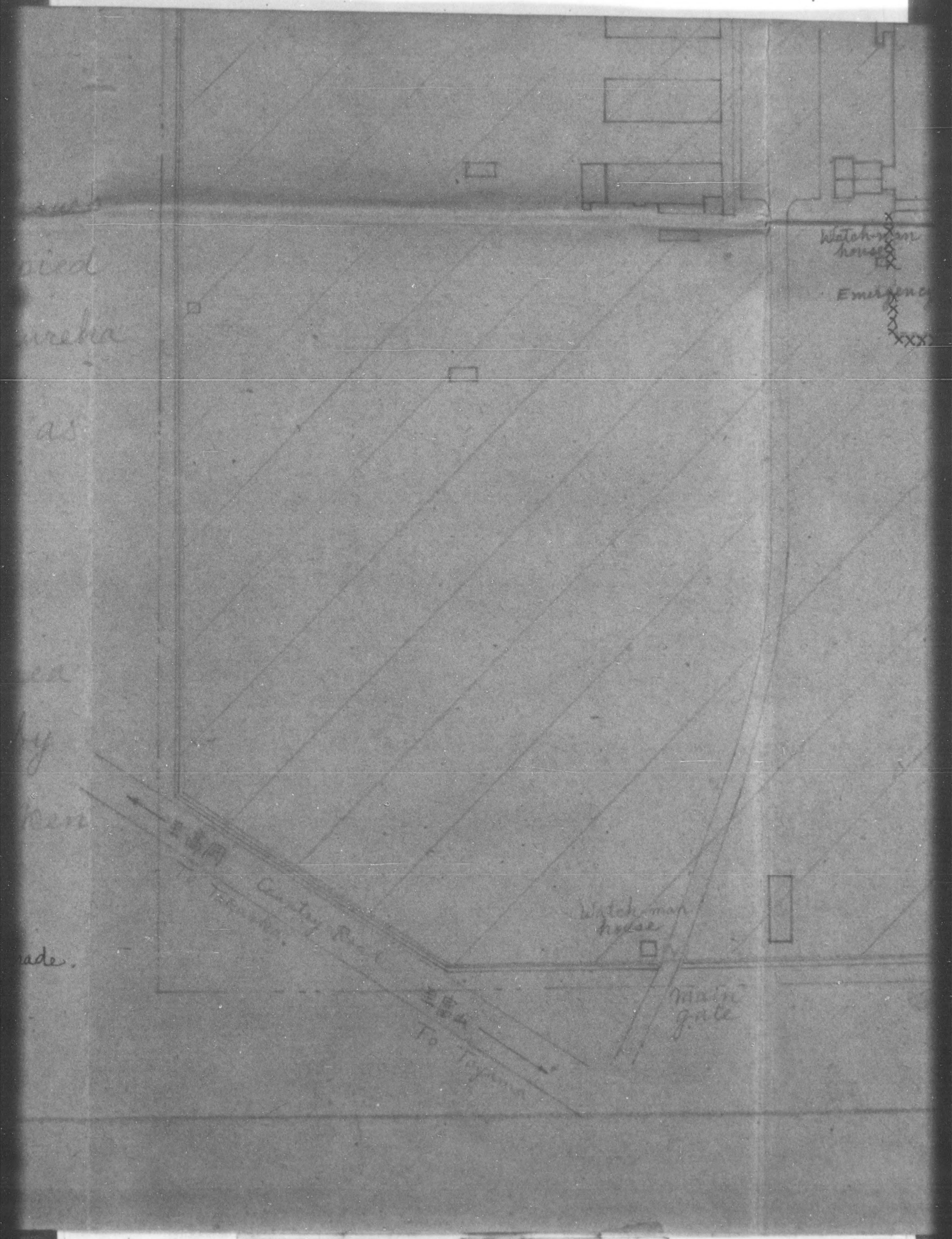
Remark:

Red oblique lined area
the area being occupied
by Kureha plant Kureha
Industry Co. Ltd. as
Reparation plant.

The Rest is the area
available freely by
Kureha-Mill of Dai Kure
Co., Ltd.

mark xxxx shows fencings to be made.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

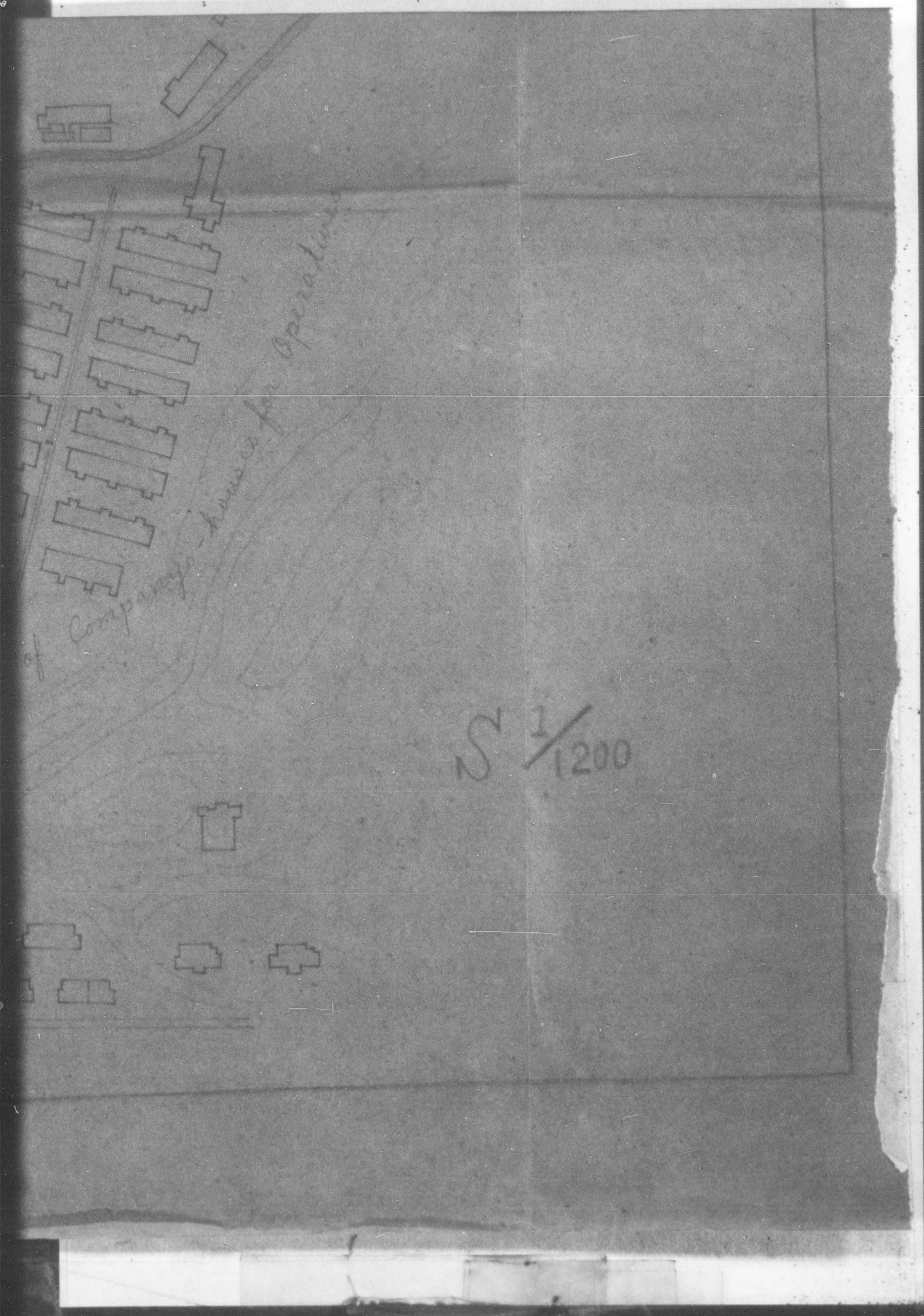
Watch-man house

Emergency Exit

Water gate

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOYAMA
LIAISON OFFICE

Date: Feb. 10, 1947

SUBJECT: Petition for Partial Exception from Reparations Machines whch are installed in Fukuno and Kureha Plants of Kureha Industry Co.,Ltd., Controlled Aeroplane Plants.

FROM : Governor

TO : Commander of Eighth Army.

THROUGH: Commander of Toyama Mil Gov't Team.

TO : Minister of Commerce and Industry.

Inasmuch as Mr. Tsunayuki Yamamoto, Principal of Nagaoka Technical College located at No.1277 3-chome, Gakko-cho, Nagaoka-Shi, Niigata-Ken has submitted me the petition for exception of installed machines which were lent to Kureha Industry Co.,Ltd., we hereby beg your favour in excepting the undermentioned machines from reparations purposes, requesting your authorities to take into consideration the following special circumstances.

1. Development of the College:

The foundation of this college was made by the Imperial Proclamation No.501, dated Dec. 19, 1923, in accordance with the ordinance pertaining to industrial schools of middle grade and to technical colleges with aims of educating men of technical ability of high grade. And the college is conducted hitherto with three departments of electricity, mechanical engineering and chemical industry.

2. Reason of the machines were lent to Kureha Industry Co.,Ltd. from the College:

Kureha Spinning Co.,Ltd. who was engeging in spinning work has converted to aeroplane-parts manufacture, neverthless he has not had necessary machines. Consequently, as he requested the Munition Ministry to be supplied them, a person in charge ordered so compellably the college to lend the said machines of scientific experiments use to Kureha Industry Co.,Ltd. that the college was forced to lend them on the 25th. March, 1945.

3. Name of Machines to be petitioned the Exception:

Name	Code NO.	Where about s	Type & Capacity	Class
a. Cylinder Grinding Machine	42-2-448	Fukuno Plant, Kureha Industry Co. Ltd.	Dia. 250 mm or less	2

(Cont'd)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

	Name	Code No.	Where abouts	Type & Capacity	Class
b.	Testing Machine Strength of Materials	42-3-89	Kureha Plant, Kureha Industry Co.,Ltd.	30 tons type	2
c.	Testing & Measuring Machine, Hardness Testing-Brinell	42-3-90	"	30 tons type	2
d.	Common Lathe	42-3-271	"	3'6" length of bed	2
e.	Wood Chiseling Machine	42-3-272	"	For 1" square	1
f.	Water Tool Grinding Machine	42-3-273	"	1 Hp type	1

Signed Keiji Ishimaru
KEIJI ISHIMARU

Governor of
Toyama Prefecture.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

PETITION FOR EXCLUDING FROM
REPARATIONS MACHINES BELONGING
TO NAGAOKA TECHNICAL COLLEGE.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

14, December, 1946

From : Tsunayuki Yamamoto.
Principal of Nagaoka Technical College.
1, 3-Chome, Gakko-cho, Nagaoka-Shi, Niigata-Ken.

To : Commanding Officer, Mil. Govt. Toyama.

~~Through : Commanding Officer, Mil. Govt. Niigata.~~

Subject : Petition for excluding from reparations machines belonging to Nagaoka Technical College.

1. Present Status of Nagaoka Technical College:
In accordance with the ordinances pertaining to industrial schools of middle grade and to technical colleges, this college aims at producing men of ability, healthy in mind and body, and with technical knowledge of high standard, who are expected to apply their energies to the public good. This college has three department: Electricity, Mechanical Engineering and Chemical Industry. The preliminary announcement in connection with the founding of this college was made by the Imperial Proclamation No. 501, dated 10 Dec, 1923, and the first enrollment ceremony took place on the 12th of April, 1924. During these twenty-two years since that time, 3,148 students have graduated from this college. At present the fixed number of students in each department is as follows:

Department of Electricity	225
Department of Mechanical Engineering	675
Department of Chemical Industry	225
Total	1,125

The course of study for each department is three years.

2. It is petitioned that the following machines be excluded from the reparations.

	Names	Registered No.	Types & Capacities	Classes
a.	Cylinder Grinding Machine	42-2-448	Less than 250m.m. bore	2nd class
b.	Testing Machine Strength of Materials	42-3- 89	30ton type	"
c.	Testing & Measuring Machine. Hardness Testing--Brinell.	42-3- 90	30ton type	"
d.	Common Lathe	42-3-271	3ft 6in. length of bed	"
e.	Wood Chiseling Machine	42-3-272	For 1 in. square	1st.
f.	Water Tool Grinding Machine	42-3-273	1 H.P. type	"

(Inventory given in an enclosure)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

3. Reason for petition:
The above-mentioned machines were lent to the Fukuno Factory of the Kureha Industrial Joint-Stock Co. (Formerly called Kureha Aeroplane Co.) Daimon-Cho, Imizu-Gun, Toyama-Ken, on March 25, 1945. After the cessation of the war, the factory was nominated as a reparation, and are now in custody together with the equipments of the factory. These machines had ordginally been used for scientific experiments by the students of this college, but we had to comply with requests repeatedly made by officers of the War Supply Ministry to lend these machines to the said factory. Acting upon the agreement concluded between this college and the said Kureha Industrial Joint-Stock Co. previous to the lending that these machines be restored to the conditions as of the time of lending and be returned to this college immediately such request was made, we demanded the company to send them back to us. However, we recently learned that they had been listed as reparations. We had nothing to do with the purposes for which these machines were used at the factory, and in addition, they would not have been listed as reparations if they had not been taken out of this college. This is why we claim these machines. The inconveniences caused by the absence of the machines are keenly felt in such scientific experiments as explained below and it is petitioned that they be given back to this college.

*Consequently, these machine were also registered as reparations

a. Cylinder Grinding Machine:
Being the only internal grinding machine of this kind, this is an indispensable material for practical training of the students.

b. Testing Machine-Strength of Materials:
There are some other equipments of smaller types for testing strength of materials, but this is absolutely necessary for testing materials with large volume.

c. Testing and Measuring Machine--Hardness Testing--Brinell:
Being the only machine of this kind, this is absolutely necessary for practical training.

d. Common Lathe
Being a drawing instrument of suitable size, this is especially necessary for giving a general idea of the construction of lathe by taking it to pieces and putting them together.

e. Wood Chiseling Machine:
Being the only machine of this kind, this is absolutely necessary for pattern-shop training.

f. Water Tool Grainding Machine:
Without this machine, repairs of tools are extremely uneconomical, especially at the time when it is difficult for us to buy new ones.

4. Certification of Service Superior
I hereby certify that the above is true to the best of my knowledge and belief and the information available to me.

Principal of Nagaoka Technical College.

Tsunajiki Yamamoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3. 1946

B. Code Number: 42 — 2 — 448
(Prefecture — Plant — Machine)

C. Name of Machine: Internal grinding machine
or (Cylinder grainging machine)

D. Manufacturer: Sonoike Tool Works, Ltd.

E. Country in Which Manufactured: Tokyo, Japan.

F. Manufacturer's Model Number: None

G. Age of Machine in Years: 20 years age(manufactured 1926)

H. Condition Of Machine (Check one below):

GOOD	(Requires only Maintenance)	Class1	
GOOD	(But requires Repairs)	Class2	O
UNSERVICEABLE	(Tell why in Par. I. below)	Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Dia. of being able to grinding:- Up to 250m.m.

(2)

(3)

(4)

K. Power Source:

(a) Motor Driven

AC	O	DC	

	HP
	HP

(b) Belt Driven

Cone	
Pulley	O

L.

Weight		Kgs.	Length		Meters
Width		Meters	Height		Meters

M. Brief Description of Machine Characteristics:

Attachment:- Small pump & blower.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3, 1946

B. Code Number: 42 – 3 – 89
(Prefecture – Plant – Machine)

C. Name of Machine: Testing Machine -Strength of materials

D. Manufacturer: Mohr und Federhahf

E. Country in Which Manufactured: Germany

F. Manufacturer's Model Number: None

G. Age of Machine in Years: Manufactured 1937(est)

H. Condition Of Machine (Check one below):

GOOD	(Requires only Maintenance)	Class1	
GOOD	(But requires Repairs)	Class2	0
UNSERVICEABLE	(Tell why in Par. I. below)	Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Capacity 30 Tons

(2)

(3)

(4)

K. Power Source:

(a) Motor Driven			(b) Belt Driven	Cone	
AC	DC	HP		Pulley	
		HP			

L.

Weight	2000	Kgs.	Length		Meters
Width	0.83	Meters	Height		Meters

M. Brief Description of Machine Characteristics:

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3. 1946

B. Code Number: 42 — 3 — 90
(Prefecture — Plant — Machine)

C. Name of Machine: Testing & Measuring Machine
Hardness Testing--Brinell

D. Manufacturer: Mohr und Federhahf

E. Country in Which Manufactured: Germany

F. Manufacturer's Model Number: Manufactured1937(est)

G. Age of Machine in Years:

H. Condition Of Machine (Check one below):

GOOD	(Requires only Maintenance)	Class1	
GOOD	(But requires Repairs)	Class2	0
UNSERVICEABLE	(Tell why in Par. I. below)	Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Capacity 3tons

(2)

(3)

(4)

K. Power Source:

(a) Motor Driven				(b) Belt Driven	Cone		
AC	DC		HP		Pulley		
			HP				

L.

Weight	70	Kgs.	Length	0.5	Meters
Width	0.42	Meters	Height	0.55	Meters

M. Brief Description of Machine Characteristics:

Wasn't used

Manual type

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3, 1946

B. Code Number: 42 — 3 — 271
(Prefecture — Plant — Machine)

C. Name of Machine: Common Lathe

D. Manufacturer: Kokusan Tool Works. Ltd.

E. Country in Which Manufactured: Tokyo, Japan.

F. Manufacturer's Model Number: None

G. Age of Machine in Years: 15 years age(manufactured 1930)

H. Condition Of Machine (Check one below):

GOOD	(Requires only Maintenance)	Class1	
GOOD	(But requires Repairs)	Class2	0
UNSERVICEABLE	(Tell why in Par. I, below)	Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Length of Bed :--3'--6"

(2) Swing :--13"

(3) Hight of Center :--6 1/2"

(4)

K. Power Source:

(a) Motor Driven

AC	DC		HP
			HP

(b) Belt Driven

Cone	0
Pulley	

L.

Weight	600	Kgs.
Width	0.5	Meters
Length	1.850	Meters
Height	1.300	Meters

M. Brief Description of Machine Characteristics:

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3. 1946

B. Code Number: 42 — 3 — 272
(Prefecture — Plant — Machine)

C. Name of Machine: Wood Chiseling Machine

D. Manufacturer: C. Ito Commercial Co. Ltd.

E. Country in Which Manufactured: Japan

F. Manufacturer's Model Number: None

G. Age of Machine in Years: 20 age in years(manufactured 1926)

H. Condition Of Machine (Check one below):

GOOD (Requires only Maintenance)
GOOD (But requires Repairs)
UNSERVICEABLE (Tell why in Par. I, below)

Class1	0
Class2	
Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Max. hole to be able to Chiseling inwood 25.4mmX25.4mm
(2) Max. depth of hole :- 100mm
(3)
(4)

K. Power Source:

(a) Motor Driven — AC | DC — 2 HP / HP

(b) Belt Driven

Cone	
Pulley	

L.

Weight	~~280~~	Kgs.	Length	1.4	Meters
Width	~~0.85~~	Meters	Height	1.85	Meters

M. Brief Description of Machine Characteristics:

~~For making the small jig.~~
Attachment:- Chisel chuck 1.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INVENTORY SHEET
(Metal Working Plants)

A. Date of Inventory: Aug. 3, 1946

B. Code Number: 42 — 3 — 273
(Prefecture — Plant — Machine)

C. Name of Machine: Water Tool Grinding Machine

D. Manufacturer: Roku-Roku Co. Ltd.

E. Country in Which Manufactured: Japan

F. Manufacturer's Model Number: None

G. Age of Machine in Years: 20 age in years (manufactured 1926)

H. Condition Of Machine (Check one below):

GOOD (Requires only Maintenance)
GOOD (But requires Repairs)
UNSERVICEABLE (Tell why in Par. I, below)

Class1	0
Class2	
Class3	

I. Brief Reasons Why Unserviceable:

J. Operating Dimensions (Name each Major Dimension or Capacity and Name Unit of Measure which each is expressed in)

(1) Driving Power about 1 HP

(2)

(3)

(4)

K. Power Source:

(a) Motor Driven — AC | DC — HP / HP

(b) Belt Driven

Cone	
Pulley	0

L.

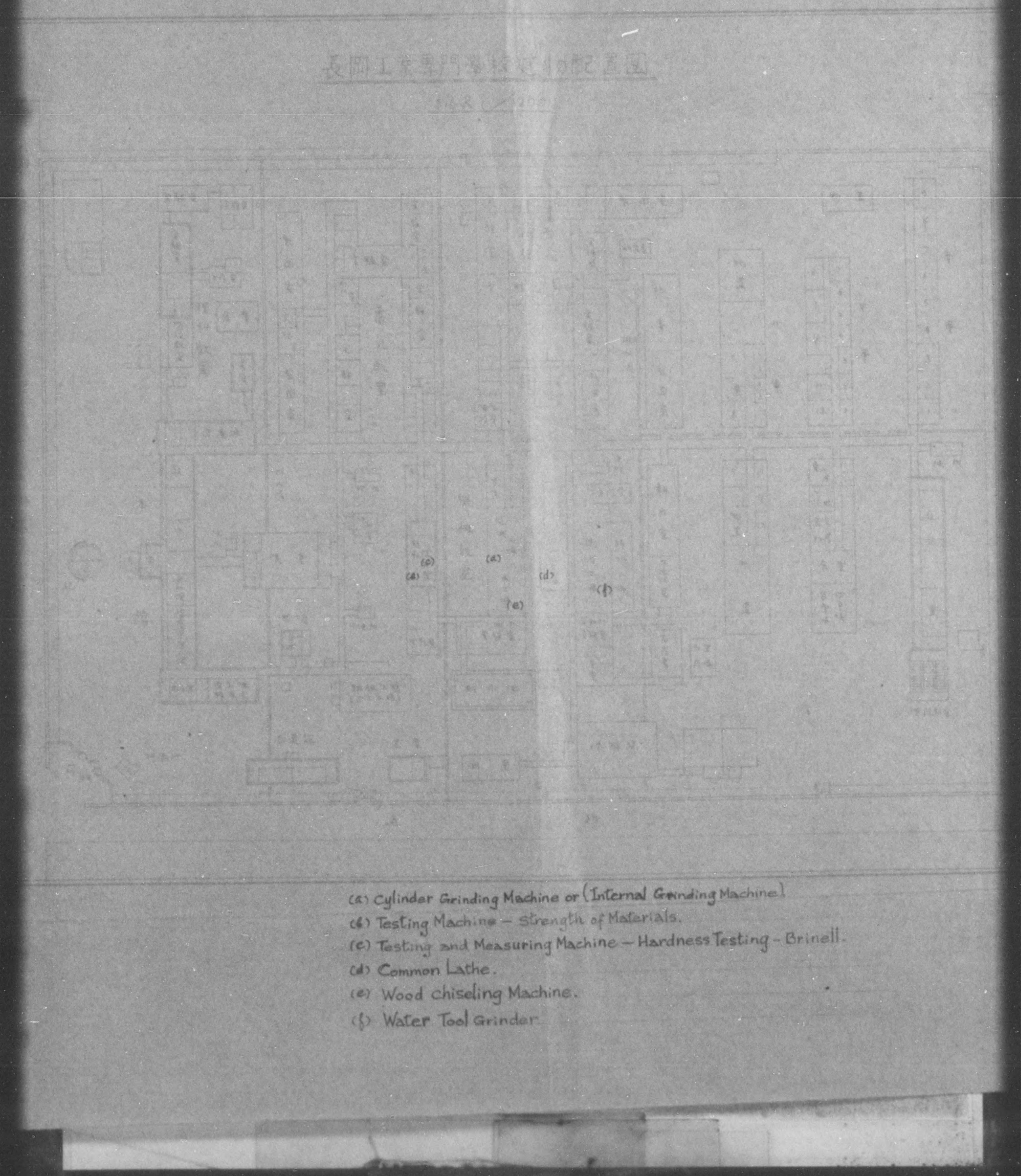
Weight	300	Kgs.	Length	0.8	Meters
Width	0.63	Meters	Height	1.26	Meters

M. Brief Description of Machine Characteristics:

Have 2 heads grinder

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



(a) Cylinder Grinding Machine or (Internal Grinding Machine)
(b) Testing Machine – Strength of Materials.
(c) Testing and Measuring Machine – Hardness Testing – Brinell.
(d) Common Lathe.
(e) Wood chiseling Machine.
(f) Water Tool Grinder

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Cylinder Grinding Machine or (Internal Grinding Machine)
Testing Machine – Strength of Materials.
Testing and Measuring Machine – Hardness Testing - Brinell.
Common Lathe.
Wood chiseling Machine.
Water Tool Grinder.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(10) - 43

FILE

HEADQUARTERS
TOYAMA MILITARY GOVERNMENT TEAM
APO 713

Em/sn

10 April 1947

SUBJECT: Exclusion of Reparational Machinery

TO : Supreme Commander for the Allied Powers, APO 500
ATTN: ESS, Reparations Section
(Thru Channels)

1. The Kureha Plant of the Kureha Industrial Co. had been put under reparational custody and control as a former aircraft factory, and the machinery therein has subsequently been inventoried under the code number 42-3.

2. This plant was an assembly plant for wooden aircraft, parts of which were mainly supplied by the Tachikawa Aircraft Co. The work consisted principally of joining wooden sheets and parts with plastics.

3. When the Occupation Troops first entered this area the special frames, moulds and jigs were all destroyed.

4. During the first inventory program the industry officer who supervised the work included many wood-working machines and other equipment which were definitely not required.

5. Since no wood-working machines are listed as objects desirable for reparations under OD 5/4, permission is thereby requested that all the wood-working machines listed in Annexes 2 and 4 of the attached Kureha Plant application be excluded from reparations. Also that this office be given authority to remove from reparation all other wood-working machinery erroneously listed in other plants as reparational items, and submit corrected inventory sheets to the proper headquarters.

6. Inspection of the machinery listed in Annex 4 showed that the 87 "frames of presses used for extracting fish oil" are not machines but merely frames. As such they should not have been listed as reparational items at all and could only be classified as scrap. Other scrap items should include the two listed drying machines. Such being the case, this office suggests that the above-mentioned items be removed from reparations.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

BASIC: Ltr, Toyama Mil Govt Team, dtd 10 April 47 Subj: "Exclusion of Reparational Machinery."

7. The hydraulic pumps were bought during the war from the Nishiki Plant of the former Showa Rayon Co., Ltd., during its liquidation. These machines were brought to the Kureha Plant, placed in a warehouse, and were never used. It is the opinion of this office that these machines be excluded since they were not bought for war production, nor could they have been used in the assembly work for planes.

8. This office recommends that the units of machinery listed in Annexes 3 and 5 of the above application should not be removed from reparations since these listed machines are considered as being instrumental in the operation of the plant during the time planes were being assembled in the Kureha Plant.

9. The machinery listed in Annex 6 were in operation at the Daimon Plant during the time that Mitsubishi was using the factory for the production of two-motored bombers. Therefore this office feels these items should remain on reparations.

10. It is further recommended that the Kureha Plant, which has been in operation since the end of the war making furniture and repairing spinning machinery, be allowed to continue operation and make use of reparational machinery until such time as they are removed.

FOR THE COMMANDING OFFICER:

FRANK W. ETHERINGTON
1st Lt., CE
Adjutant

1 Inclosure
5 Copies Exclusion Application

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

April , 1947

SUBJECT: Petition for Removal of Land and Buildings of Controlled Plant.

TO : Headquarters, The Eighth Army.

THROUGH: Toyama Military Government Team.
: Toyama Prefectural Government.

FROM : Kureha Industry Co.,Ltd.
Inuzai 50, Daimon-machi, Imizu-gun, Toyama Pref.

1. Name of Controlled Plant: Fukuno Plant, Kureha Industry Co.,Ltd.

2. Location of the Plant: Fukuno-machi 100, Higashi Tonami-gun, Toyama Pref.

3. Name of Buildings and Area of Land, the Removal of which is sought:

The Dormitories' Buildings of the Factory:
Two Dormitories' Buildings and two annexes of them.
(Blue lined buildings on the attached plan)

A marked building	- No.1 Dormitories' Building.	about 115	"tsubo"
B " "	- No.2 Dormitories' Building.	about 255	"
C " "	- Laundry-room	about 28.5	"
D " "	- Toilet-room	about 25	"

(The area is of building space and totally about 1,372 m^2)

Land: Area surrounded by a - b - c - d - e - f - g - h - i - j - k - l - m - n - o - p lines.
about 1,460 tsubo (4,730 m^2)

4. Object of Use of Land and Buildings, after the Petition having been approved: Shall be rent to Fukuno Town and be used for class-rooms of the Municipal Secondary School of Fukuno Town.

5. Reason: According as reforming and enacting the Japan's overall educational system, in Fukuno Town, the Municipal Secondary School has been newly instituted. But the school has no available class-rooms, however, under the present circumstances is impossible to be built anew.

Inasmuch as cannot be found any other adequate building for class-rooms in Fukuno Town, the Town-master has proposed us to lease the buildings mentioned in item No.3 to use them for class-rooms. In the corresponding area and buildings no exists any reparations machinery.

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Shall be made boundaries more effectively and strictly with less expenses as mentioned in the following item, moreover, the pupils shall have the entree of the class-rooms through a private entrance newly built, accordingly we will let them no admit to the working shops where the reparations machineries are under our custody.

6. How to be made the boundaries: (Refer to the attached sketch)

Double red line - the established boundaries along the border of the plant (a - p - o - n)

Single red line - the fences to be made (a - b), (c - d), (g - h), (k - l) and (m - n).

Red barbed wire mark line - the walls of buildings, to the windows of which bars of lumber shall be fixed up horizontally. (b - c), (d - e - f - g), (h - i - j - k) & (l - m).

Signed M. Morita

MOSAKU MORITA

Managing Director of
Kureha Industry Co.,Ltd.

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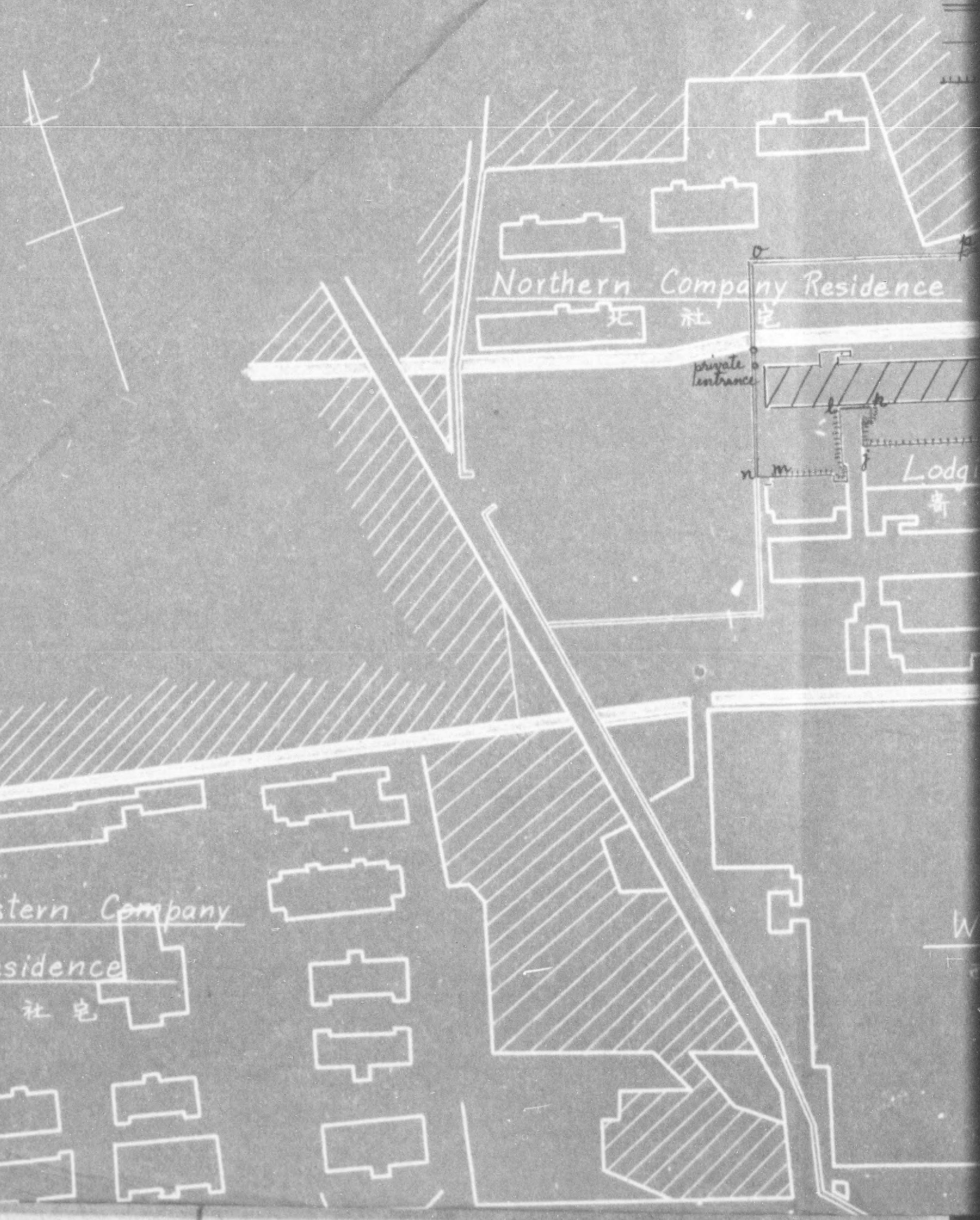
GENERAL VIEW OF FU
吳羽工業株式會社福



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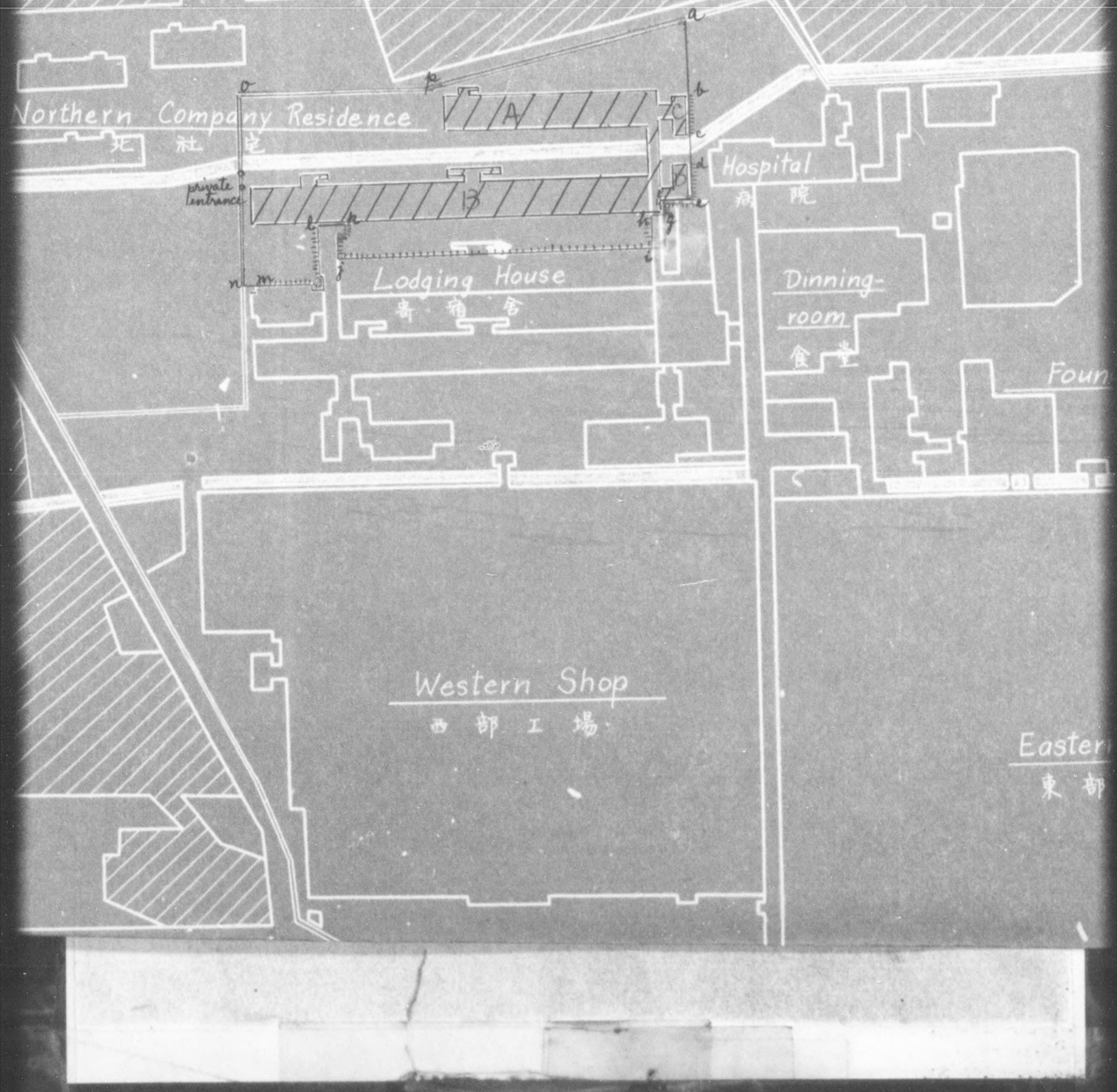
GENERAL VIEW OF FUKUNO PLANT OF KUREHA INDUSTRIAL CO.

呉羽工業株式會社福野工場　工場配置図

═══ Double red line —— The established boundary along the bord
——— Single red line —— The fences to be made (a-b), (c
..... Red barbed wire mark line —— The wall of buildin
bars of lumber shal



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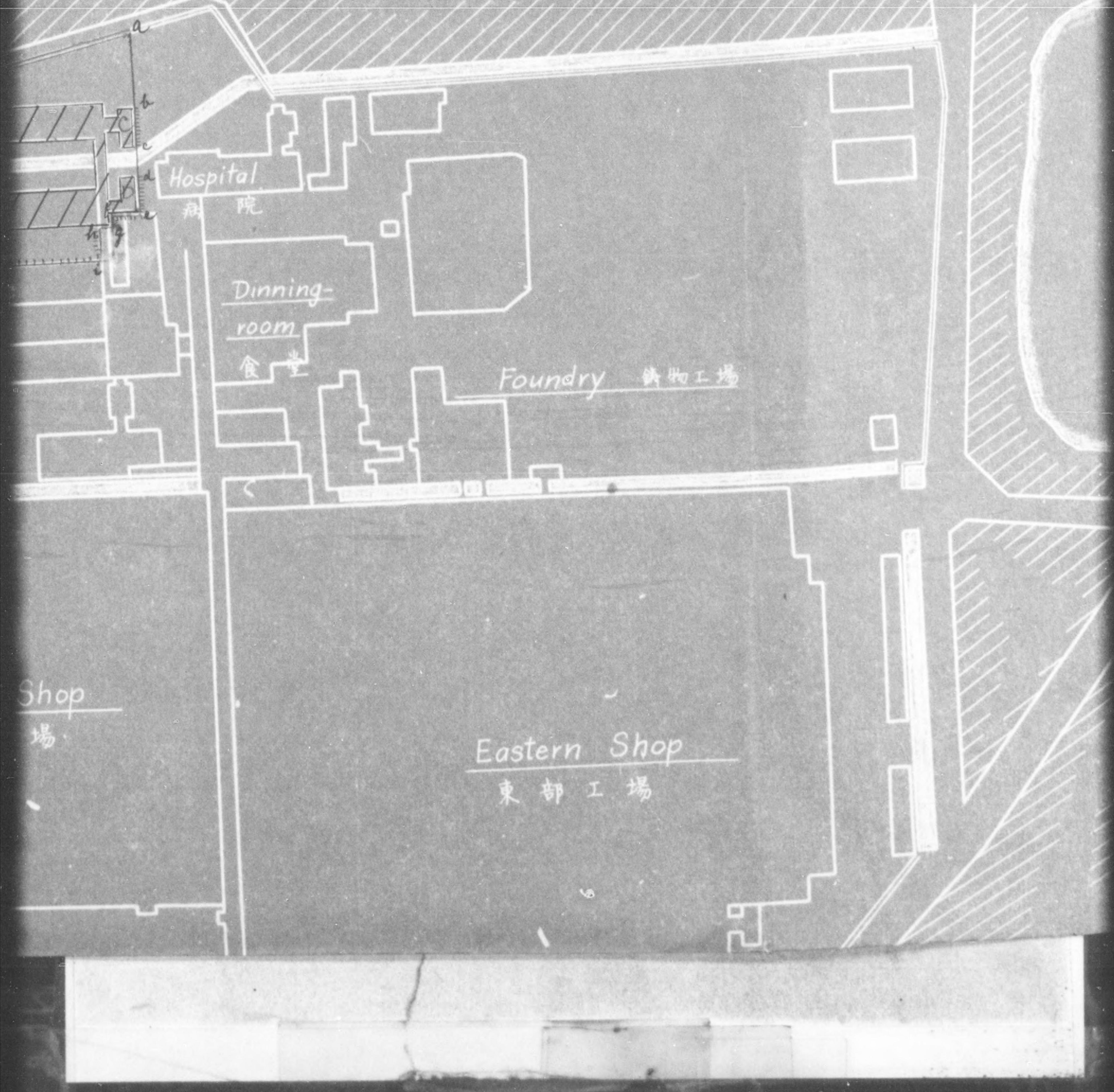
NT. OF KUREHA INDUSTRIAL Co., LTD.

工場配置圖

line —— The established boundary along the border of the plant. (a-p-o-n).
line —— The fences to be made (a-b), (c-d), (g-h), (k-l) & (m-n).
bed wire mark line —— The wall of buildings, to the windows of which bars of lumber shall be fixed up horizontally (b-c), (d-e-f-g).



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

O., LTD.

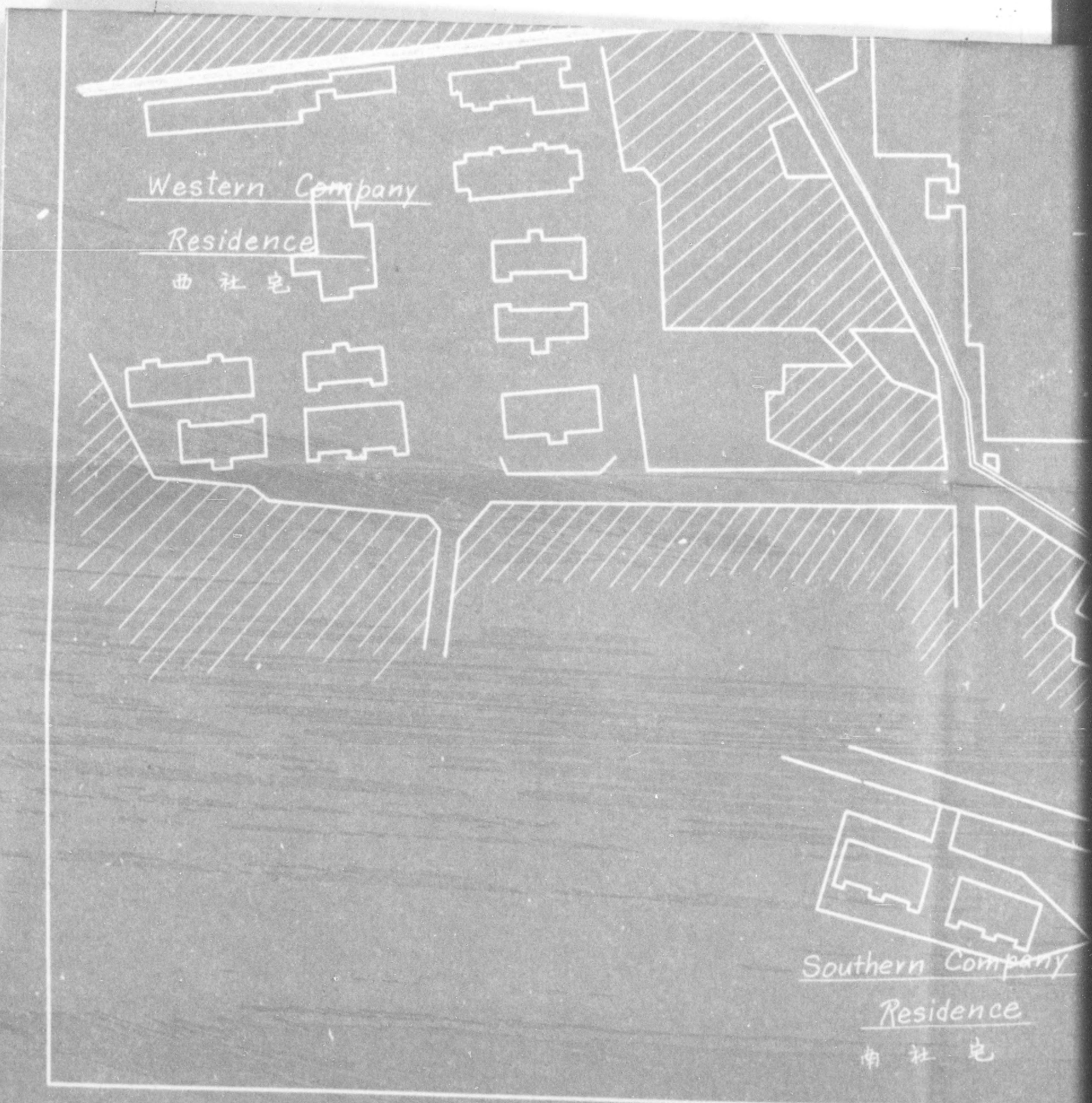
border of the plant. (a-p-o-n).
, (c-d), (g-h), (k-l) & (m-n).
ldings, to the windows of which
shall be fixed up horizontally (b-c), (d-e-f-g), (h-ij-k) & (l-m).

Foundry 鑄物工場

stern Shop
部工場

Ettyû Wearing
Company
越中織物

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



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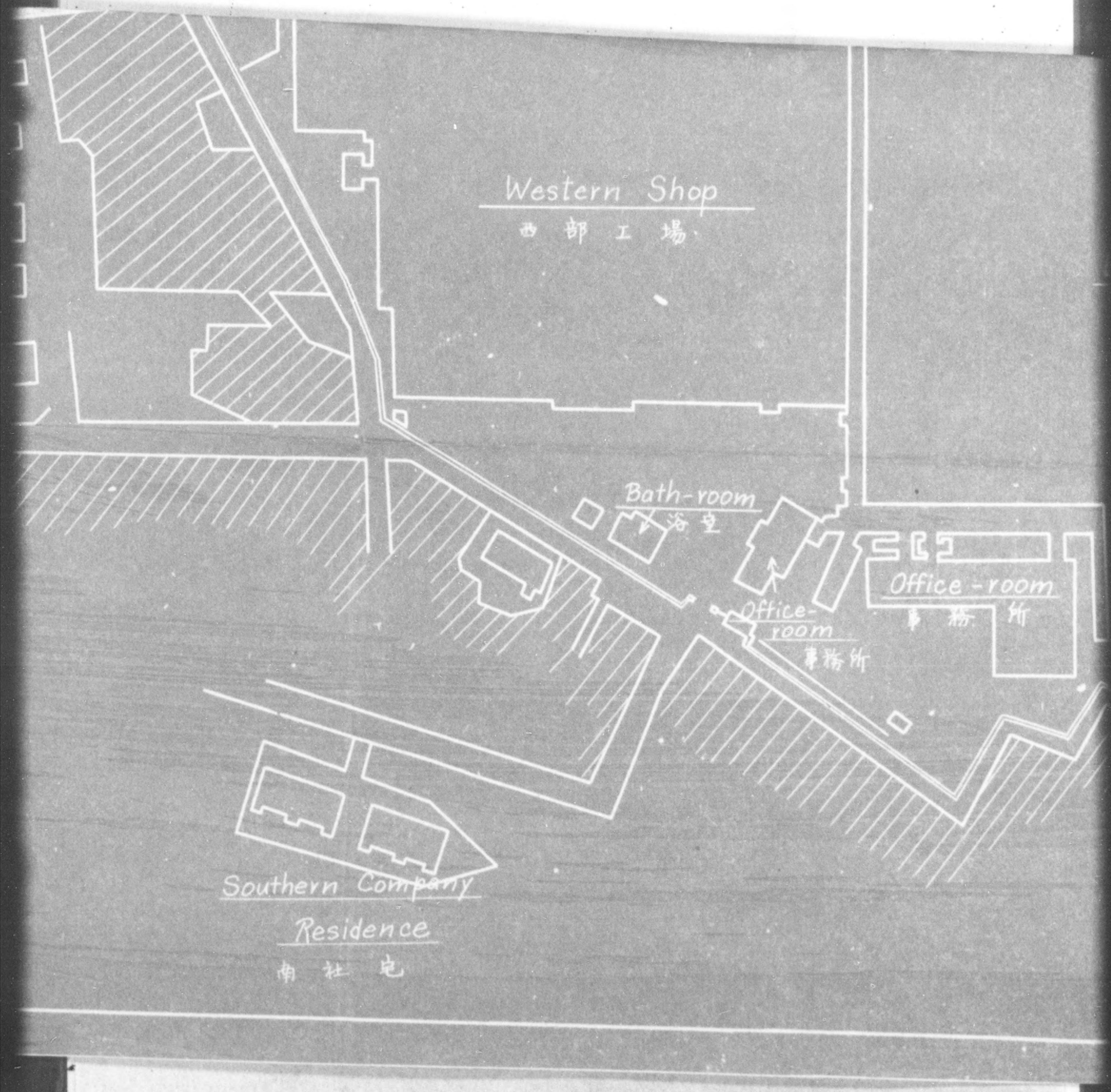

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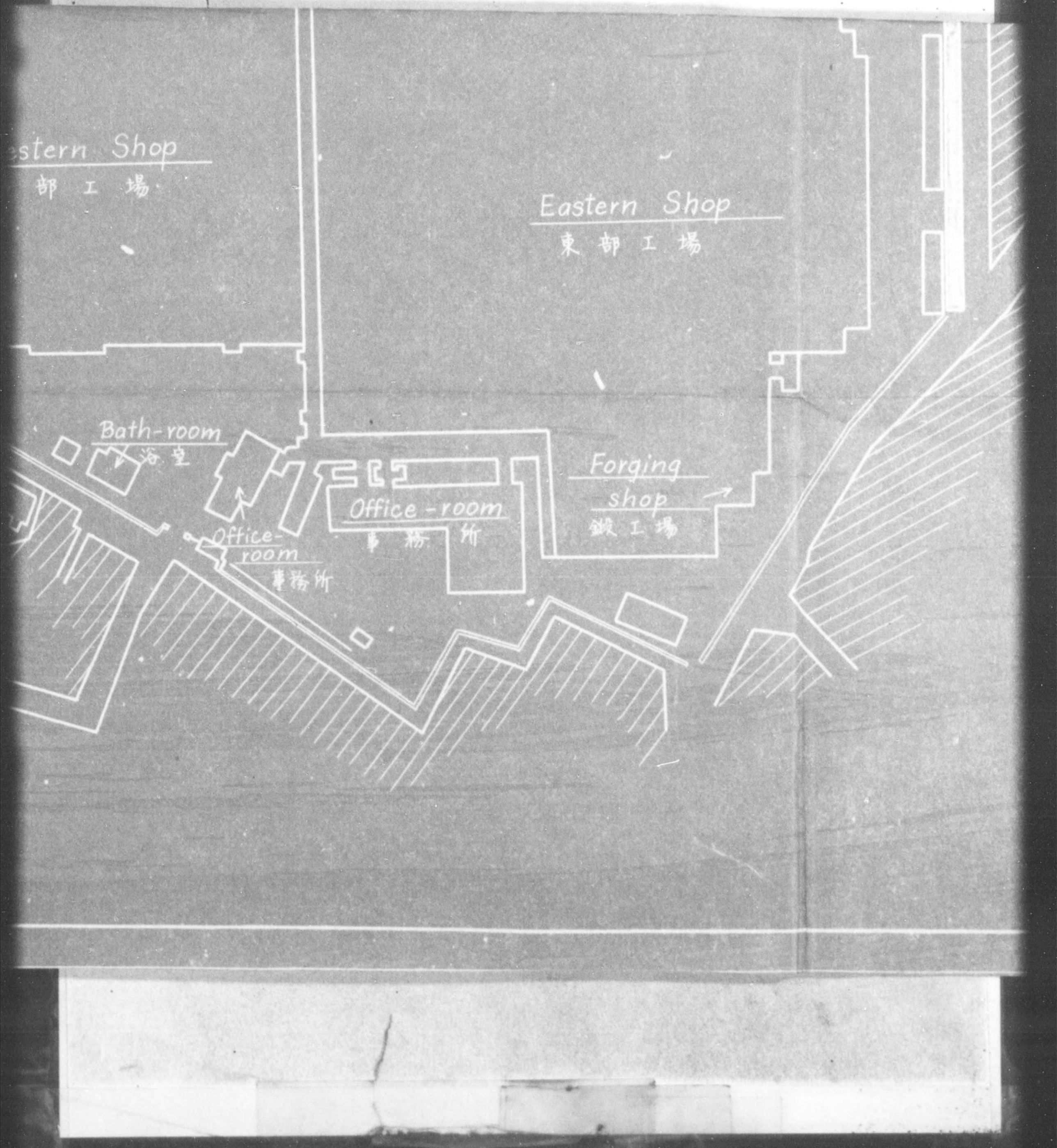

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

March 31, 1947

SUBJECT: Petition for Partial Exemption of Controlled Equipments for Reparations.

TO : General Headquarters, Supreme Commander for the Allied Powers.

THROUGH: Headquarters, Toyama Military Government Team.
: Toyama Prefectural Government.

FROM : Kureha Industry Co.,Ltd.
Inunai 50, Daimon-machi, Imizu-gun, Toyama Pref.

A. Name of Company: Kureha Industry Co.,Ltd.
(former Kureha Aircraft Co.,Ltd.)

B. Name of Factory: Fukuno Plant, Kureha Industry Co.,Ltd.
(former Fukuno Plant, Kureha Aircraft Co.,Ltd.)

C. (1) Location of Company:
Inunai 50, Daimon-machi, Imizu-gun, Toyama Pref.

(2) Location of Factory:
Fukuno-machi 100, Higashi Tonami-gun, Toyama Pref.

D. Date Established of Company and Commenced of Operation of Factory:

(1) Date Established of Company:
As Toyama Spinning Co.,Ltd. (the former name of Kureha Spinning Co.,Ltd.), established in Oct.,1921.
As Kureha Aircraft Co.,Ltd., established in Feb.,1944.

(2) Date Commenced of Operation of Factory:
As Toyama Spinning Co.,Ltd. (the former name of Kureha Spinning Co.,Ltd.), commenced operation in Oct.,1921.
As Kureha Aircraft Co.,Ltd., commenced operation in Oct.,1944.

E. History of Plant:

(1) This plant, since the commencement of operation, has been continually engaging in the manufacture of cotton yarn & cloth and in the collective operation of repair works of damaged spinning & weaving machines, using the 149 machines for repair use brought in this plant from the 13 cotton-mills of Kureha Spinning Co.,Ltd., until Oct.,1944.-

(2) When was forced to convert by Military order to commence operation of working on sheet-metal for fitting-parts of aeroplane's body, but failed to obtain a good result up to the surrender.

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During this period, this plant has continued repair works and manufacture of parts, of spinning & weaving machines, which were in process why its contracts had been accepted.

(3) Following the surrender, is working on the operations, as a main line, of repair work of spinning & weaving machines and of manufacture of parts for such machines, agricultural equipments & repair of cars & trucks.

7. Annual output according to products:

1934 - 1936: Cotton yarn & cloth ¥10,000,000.00

8. Annual output according to products:

(1) 1937 - Sept. 1944: Cotton yarn & cloth, ¥7,000,000.00
Repair of spinning & weaving machines, manufacture of parts ¥340,000.00

(2) Oct.1944 - Aug. 1945: Trial make of sheet-metal parts of wooden aircraft. (Cost of production is calculated ¥1,040,000.00 , but it is expensive, due to the trial. This cost was not accepted by Military, as the inspection not finished.)
Collective operation of repair work of spinning & weaving machines : ¥650,000.00

H. Post-war Production:

(1) After reconversion to civil production:
(effected production in Dec.,1946)

a. Overhauling & repair of spinning & weaving machines:

Simplex Flier	47 sets
Ring Spinning Machine	30 "

b. Manufacture of parts for such machines:
25,596 pcs.

c. Manufacture of agricultural equipments:
602 sets

d. Repair of Cars & Trucks:
25 sets

(2) Future Production (monthly) :

a. Overhauling & Repair of spinning & weaving machines:
100 sets.

b. Manufacture of parts for such machines:
30,000 pcs.

c. Manufacture of Agricultural equipments
1,000 sets

d. Repair of Cars & Trucks:.
30 sets.

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I. Brief Outline of the Equipments:

(1) 149 sets of machine (including 39 transformers): Since the period before the forced conversion from civil production, using these machines, this plant is working on collective operation of repair works of spinning & weaving machines in the 1st Machine Shop, the distinguished independent establishment. About these 149 sets of machines, inasmuch as was presented other petition for release, these are not included in the present petition.

(2) 10 sets of Wood Work Machines: Using these machines which are in the Wood Work Shop, this Plant is working on wooden parts of agricultural equipments.

(3) 15 sets of machine of repair use, which are equipped in the Repair and Preservations Shop: Using these machines, is working on materials needful for the preservation of the factory's structures.

(4) 42 units of transformer (3 units of them are for emergency use) which are equipments of the factory's structures: Using them, supplying electric power for lighting, heating & transmitting.

(5) 32 sets of machines which are purely for civil production and were never used until the present time, the use of which by other cotton-mills is urgent after repaired.

(6) 16 sets of machines which are of repair use: This plant has repaired them and are using for repairing of spinning & weaving machines to meet increased orders of repairing the war-suffered, after the surrender.

J. Name of Machine and the reason of petition for Release:

This plant was listed as a controlled plant owing to the act of this plant has wrought on sheet-metal for parts of trial wooden aeroplane, the cost of its work on trial is ¥1,040,000.00, for ten months only since Oct.,1944 until Aug.,1945.

Since the commencement of spinning operation in Oct.,1921, the plant has been engaging in manufacture of cotton yarn & cloth, And, when this plant was ordered forcedly by Military to work on sheet-metal for parts of trial wooden aircraft as a sub-factory of Tachikawa Aircraft Co., this has been operating the repair & regulations works of spinning & weaving machines damaged in the cotton-mills of Kureha Industry Co.,Ltd., using the 149 sets of machines centralized from those mills for the purpose of collective operation, because of the excellency of the facilities of the Repair & Preservations Section and of the big repairing capacity of this plant. But during its operation until the War ended, the plant conducted continually repair works to finish off. As above mentioned, this plant is a cotton-mill and is organized with the dependent repair and preservations shop and the wood work shop.

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On account of that, when the machines were designated for reparations, we have received order which was construed as that all of the machines which were in the whole plant at the surrender time should be reparations objects, we have registered all of the machines including the civil production's machines. While, we have learned that were wrong our understanding and disposal against reparations objects, with the inspectors who belong to Headquarters, the Eighth Army and to General Headquarters, SCAP and have recently visited the Kureha Plant of our company for the purpose of inspection for reservation and trimming status of reparations machines in Toyama Pref.

Describing the reasons as follows in accordance with the definitions for reparations which we learned with the suggestion and indication of the inspectors, we petition you exempt them partially from reparations list.

(1) Name of Machines: Wood Work Machines which are in Wood Work Shop. 10 sets (the details, on Annex No.2)

Location: In the Wood Work Shop shown on the plan , annex No.7.

Reason : These are found since the age of cotton spinning works for the use of sewing lumber of packing cases for cotton & cloth. And these have had never hand in the manufacture of aircraft parts.

(2) Name of Machines: Machines equipped in the Repair & Preservations Shop dependent to Cotton-Mill. 15 sets (The details, on annex No.3.)

Location: In the Repair & Preservations Shop shown on the plan, annex No.7.

Reason : The Repair & Preservations Shop is inevitably dependent to a cotton-mill, and is used for repair works of installed spinning & weaving machines and for working on materials necessary for preservation of factory's structures. They are found before the conversion to the manufacture of aircraft parts, and have had never hand in its operation.

(3) Name of Machines: Attached machines to the factory's structures 42 sets (Transformer) (The details, on Annex No.4)

Location: Shown with red round mark in factory's structures on the plan Annex No.7.

Reason : These are indispensable as the attachments of the factory's structures, are found before the conversion to the manufacture of aircraft parts. They are not machines which were brought in for the war purpose during the war.

(4) Name of Machines: Machines which are of civil productions, were used neither for the war purpose nor for anything. 32 sets (The details, on Annex No.5)

Location: In the Spinning Shop on the plan Annex No.7)

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Reason: They are purely of civil productions and are found before the conversion to the manufacture of aircraft parts in the plant for own use and to be repaired by request of others. Were no used absolutely during the age of manufacture of aircraft parts.

(5) Name of Machines: Machines for civil productions which are found before the age of spinning and repairing operations, and in use at present, after having been repaired, for manufacture of parts necessary for repairing spinning & weaving machines.
16 sets (The details, On Annex No.6)

Location: In the 2nd Machine Shop, on the plan Annex No.7)

Reason : Before the conversion to the manufacture of aircraft parts, they are found in this plant as of civil productions use. At present they are in use for working on parts necessary for repairing spinning & weaving machines, after having been repaired, to meet the increase of damaged parts to be changed.

Signed M. Morita

MOSAKU MORITA

Managing Director of
Kureha Industry Co.,Ltd.

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Details of Annex No.2

Name of Machine: Wood Work Machines which are in the Wood Work Shop.
Total 10 sets.

Code No. (A2-2-)	Name of Machine	Quantity	Capacity	Object of Use.
356	Band sawing machine	1	Dia of pulley 762 mm	For manufacture of wooden parts of farm tools & machines.
357	Circular sawing machine	1	Dia. of Saw 455 mm	"
358	Hand planning Jointing and moulding machine	1	100 mm	"
359	Wood turning machine	1	Length of bed 1500 mm	"
360~363	Scroll Saw	4	500X500mm	"
354	Band sawing machine	1	Dia.of pulley 750mm	"
355	"	1	900 mm	"
	Total	10 sets.		

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Details of Annex No.3.

Name of Machines: Machines equipped in the Repair & Preservations Shop. dependent to Cotton-Mill. 15 sets.

Code No. (42-2-)	Name of Machine	Quantity	Capacity	Object of Use.
78-80	Lathe-Turret lathe, ram tyep,-Horizontal turret axis	3	Dia. 50 mm	Working on materials needful for preservations of factory's structure
87	Drilling machine-Bench type	1	Drilling capacity 9 mm	"
92,99	"	2	" "	"
160	Drilling machine - Hand feed upright	1	15X130mm	"
167	"	1	30X220mm	"
224	Grinding machine Stand grinder-Bench	1		"
225	"	1		"
244	Miscellaneous machine tool-shaper and slotter horizontal	1	Stroke 400 mm	"
246	Miscellaneous machine tool-cut off and sawing-hack	1	200 mm	"
367,369	Acetylene gas producer	2		"
383	Electric Welder	1		"
	Total	15 sets.		

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Details of Annex No.4

Name of Machines: Attached Machines to the factory's structures.

Code No. (A2-2-)	Name of Machine	Quantity	Capacity	Object of Use.
398	Transformer	1	3 KVA	For lighting
399	"	1	"	For motive power.
400,401	"	2	"	For lighting
402	"	1	7 KVA	For heating
403~406	"	4	10 "	For motor
407,408	"	2	15 "	For pumping
409	"	1	" "	For lighting of dining hall
410	"	1	" "	For adjusting voltage.
411,413,414 415,418, 423~425	"	8	" "	For lighting
412	"	1	" "	"
416,422	"	2	" "	"
417,419,420	"	3	" "	"
421	"	1	" "	"
426~428	"	3	20 "	For motor.
429~431	"	3	" "	"
432~434	"	3	25 "	"
435,436	"	2	100 "	For bath-room.
437	"	1	300 "	For motor.
445	"	1	" "	Spare
446	"	1	" "	For pumping.
	Total	42 sets.		

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Details of Annex No.5

Name of Machines: Machines which are of civilian productions, were used neither for the war purpose nor for anything. Total 32 sets.

Code No. (A2-2-1	Name of Machine	Quantity	Capacity	Object of Use.
A38-AA1	Transformer	4	100 KVA	High frequency For manufacture of rayon products.
AA2 AAA	"	3	150 "	
268,269, 272,273, 275,277, 278,280.	Hydraulic press Vertical forming - straight side	8	100 tons	" For packing cotton yarn & cloth for export.
270,271.	"	2	75 tons	"
274,276, 279	"	3	100 tons	"
312	Hydraulic press Vertical forming-straight side	1	450 tons	"
313	"	1	500 "	"
394~397	Codensor	4	100 KVA	For manufacture of rayon yarn
379	Air compressor	1	10 pressure	"
380	"	1	"	"
381	"	1	"	"
382	"	1	"	"
387	Dehydrator	1	"	For drying yarn-dust.
388	Speed reducer	1		For manufacture of rayon.

Total 32 sets.

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Details of Annex No.6

Name of Machines: Machines for civilian productions which are found before the age of spinning & repairing operations, are in use at present, after having been repaired, for manufacture of parts necessary for repairing spinning & weaving machines.
16 sets.

Code No. (A2-2-)	Name of Machine	Quantity	Capacity	Object of Use.
299,300, 309.	Manual press	3		For punching parts of spinning and weaving machines.
301,305.	"	2		"
302,303, 306.	"	3		"
304,308	"	2		"
307	"	1		"
366,368	Acetylene gas producer	2		For repairing and welding spinning and weaving machine.
384,385	Electric welder	2		"
386	"	1		"
	Total	16 sets.		

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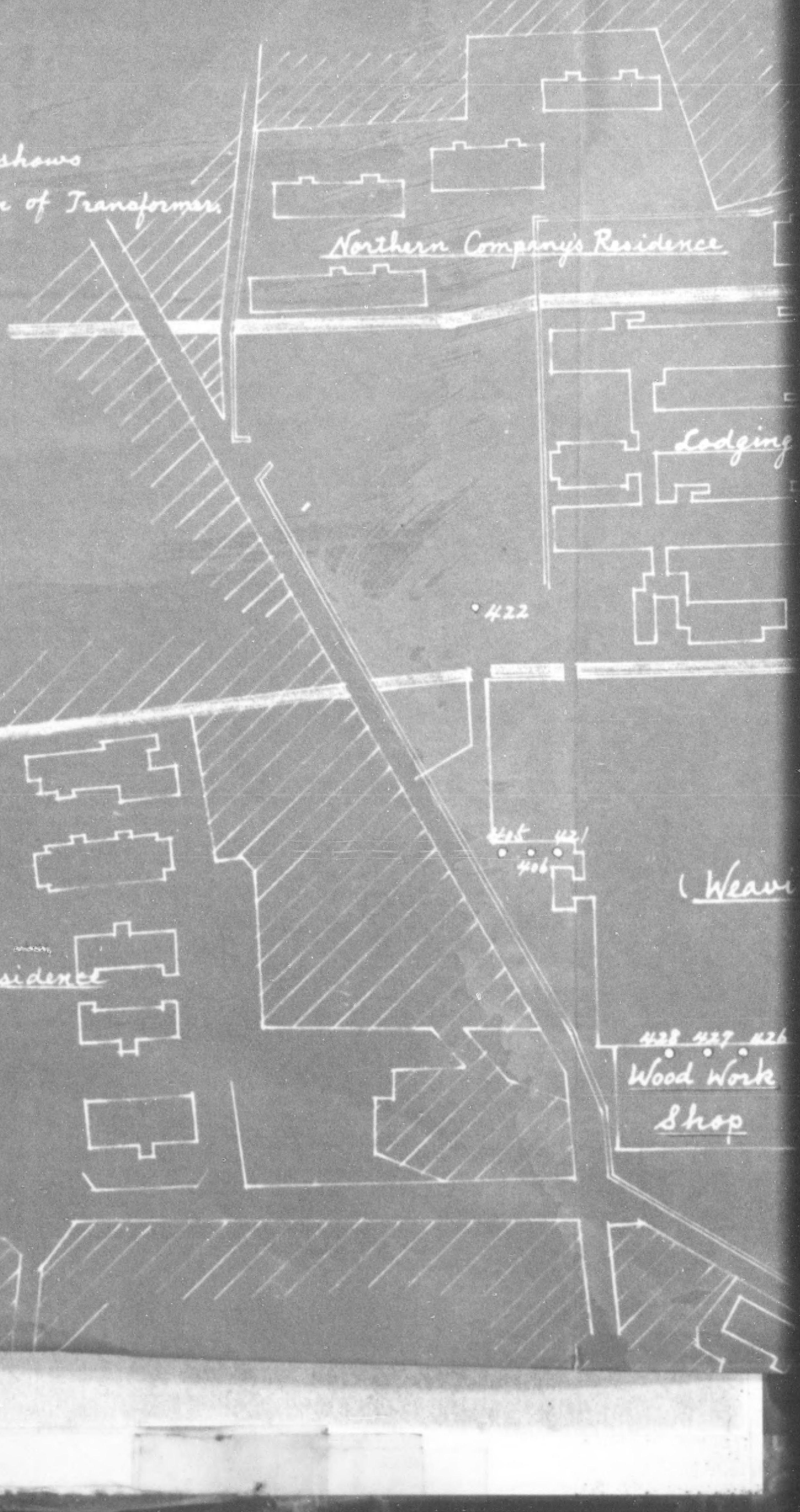
Sketch of Factory's S

the actual Locations

Remarks : ○ Red mark shows
the location of Transformer.



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Sketch of Factory's Structures of Fukuno plant, as a (

the actual Locations of the Equipments petitioned th

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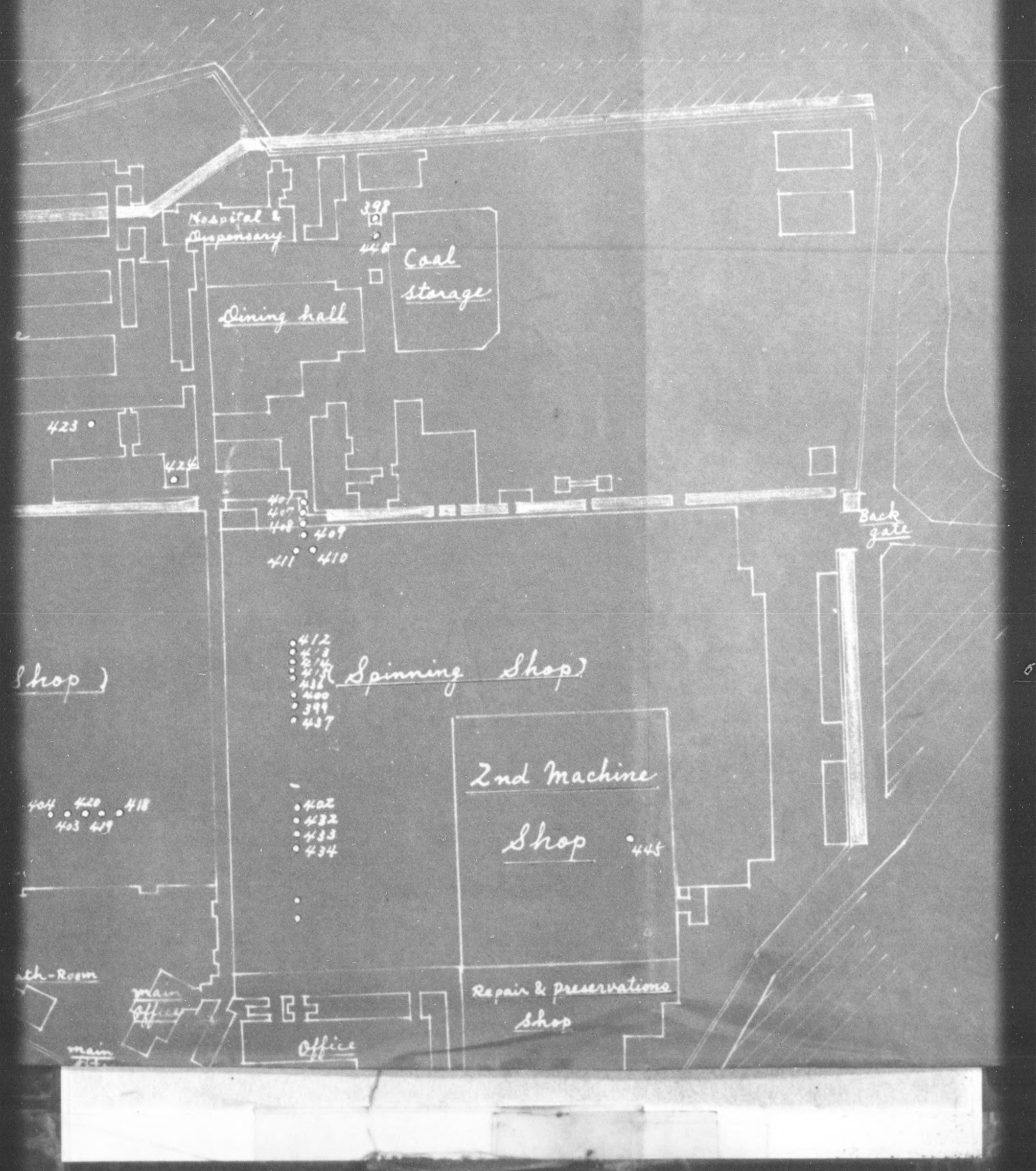
ures of Fukuno plant, as a Cotton-Mill, and showing
he Equipments petitioned the Release, as per Shop.



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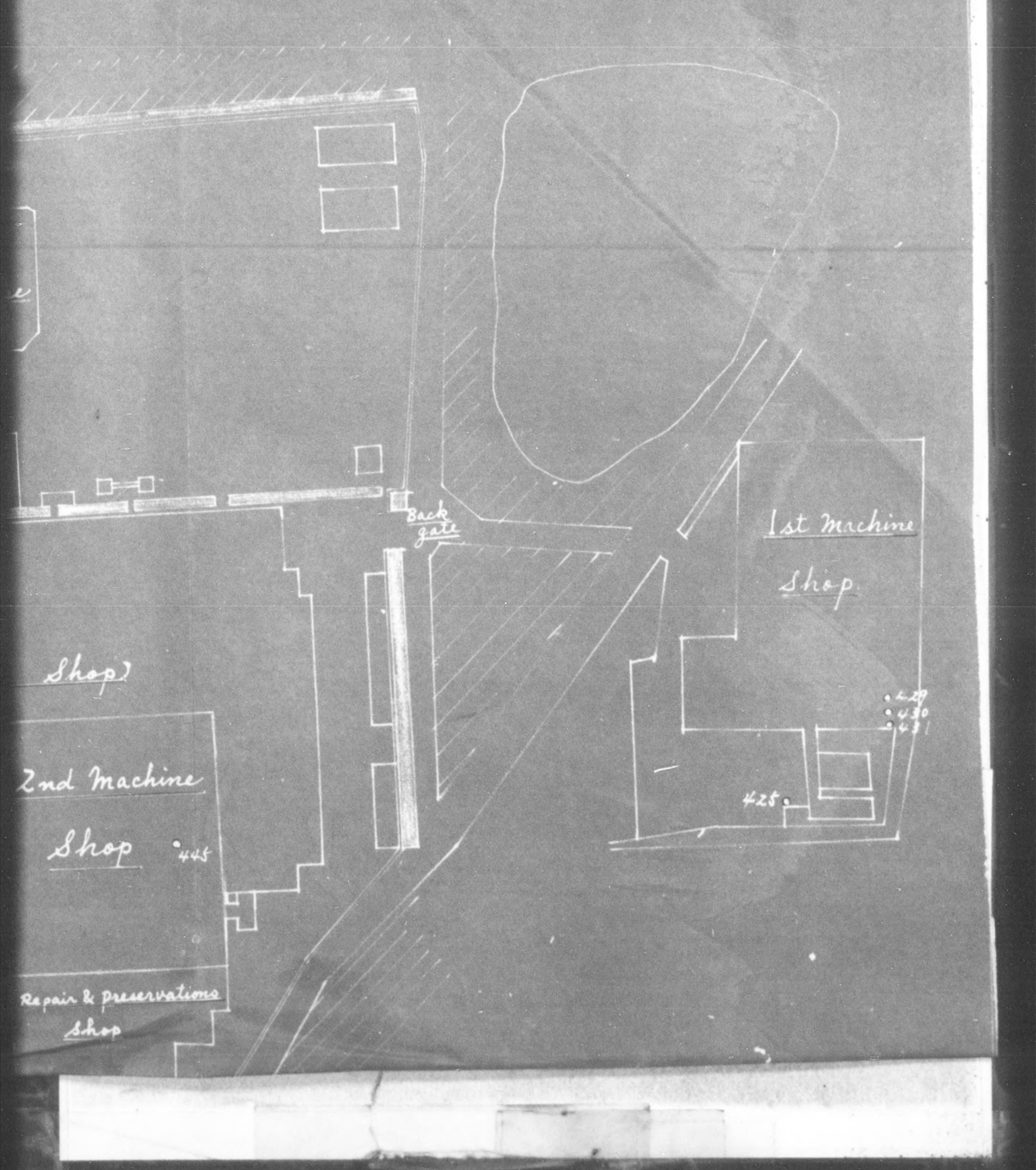
Cotton-Mill, and showing

he Release, as per Shop.



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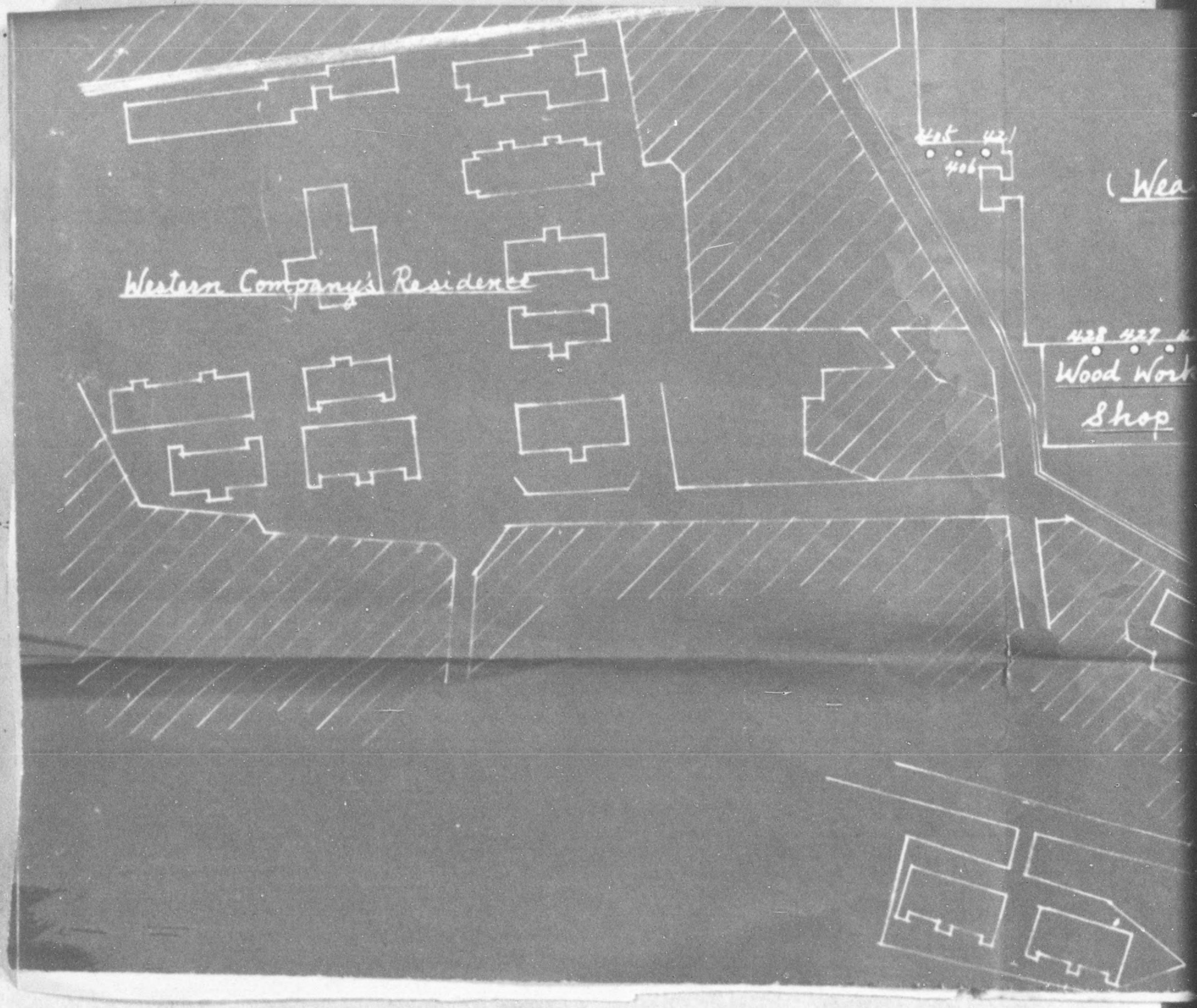

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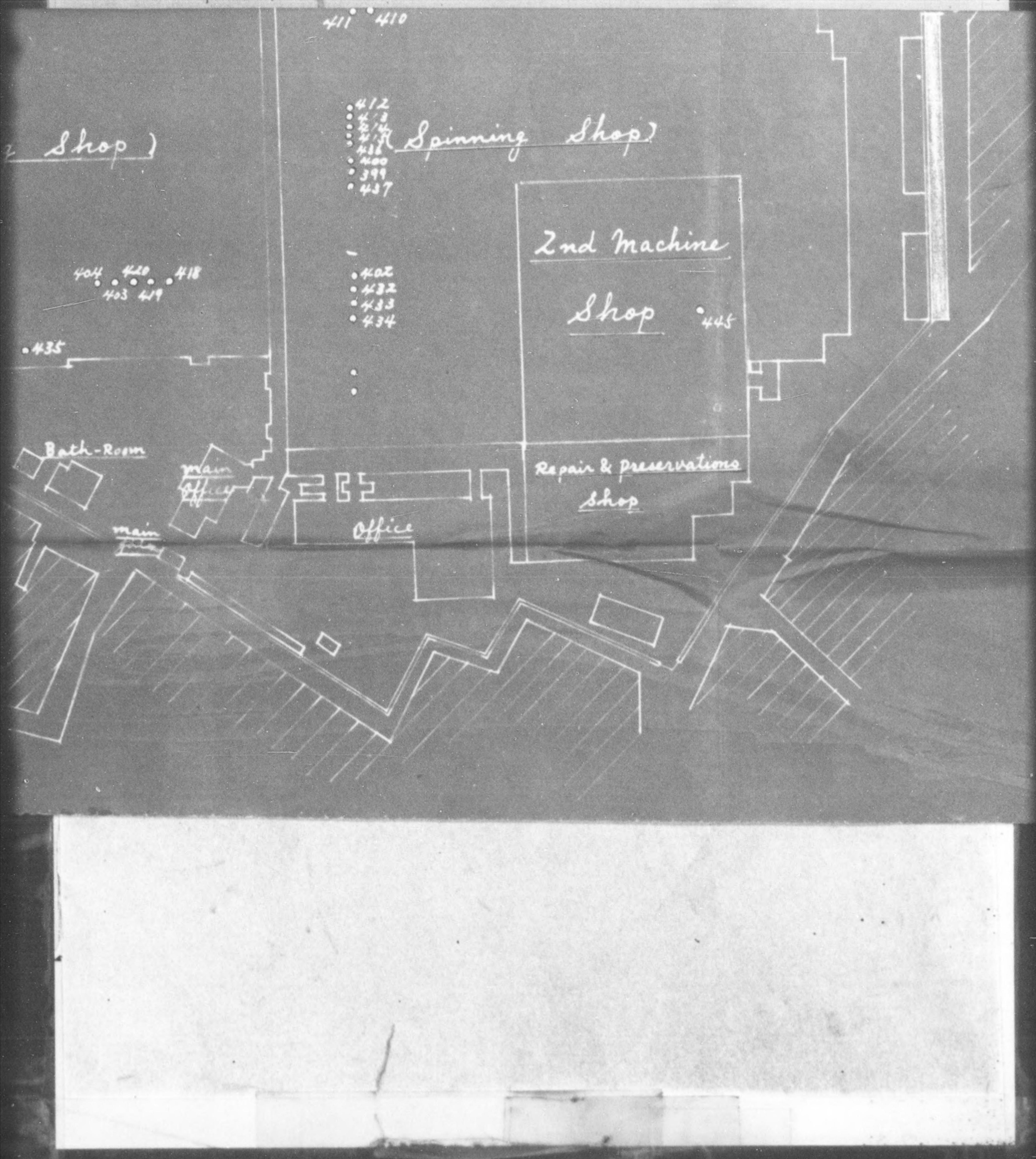

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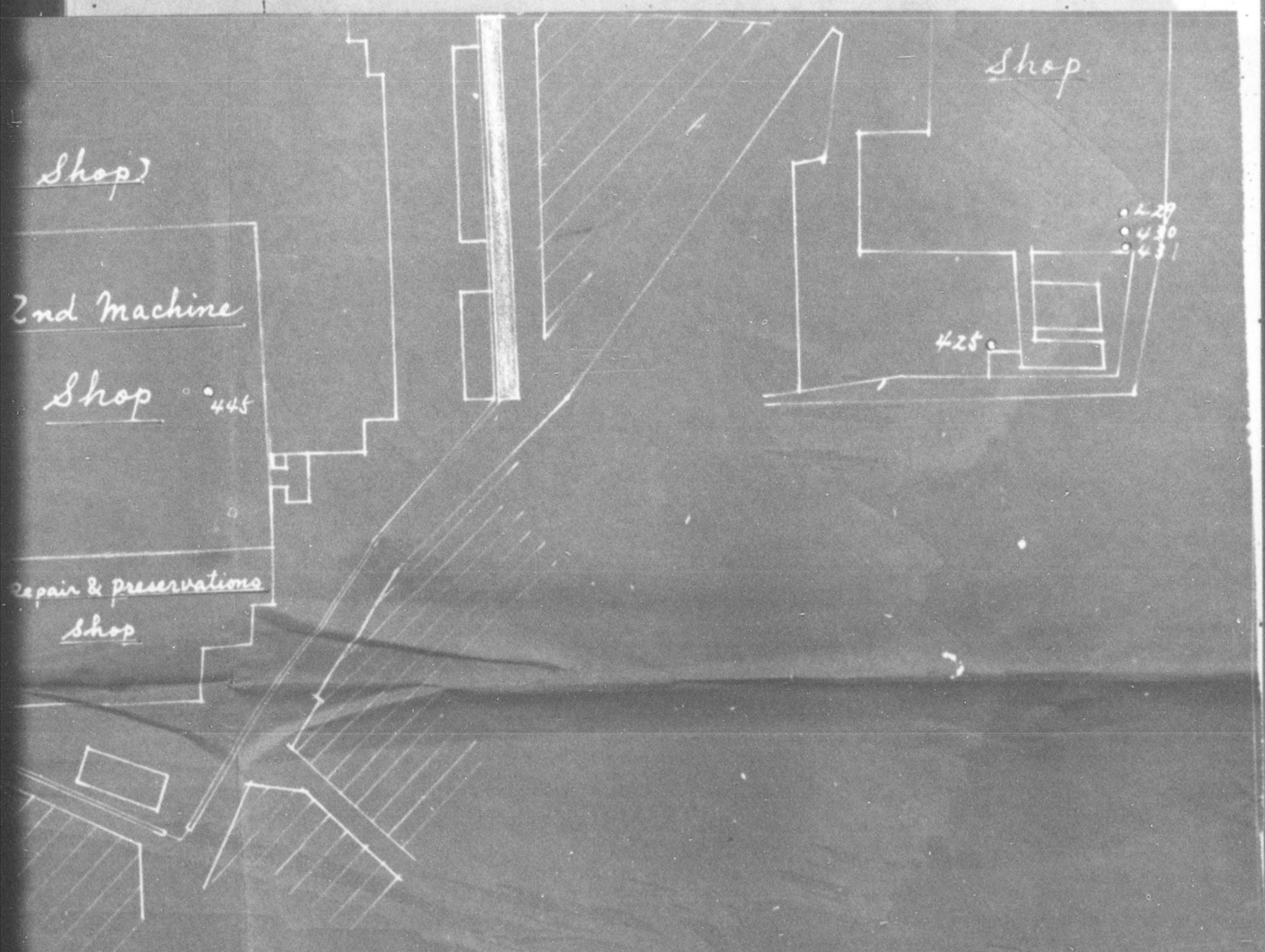

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TOKYO LIAISON OFFICE

Dated: March 31st, 1947

SUBJECT: Petition for Partial Exception of the Equipments Controlled for Reparations, of Kureha Plant, Kureha Industry Co.,Ltd. which was listed as a Aircraft Plant.

FROM : Governor

TO : Commander of Eighth Army.

THROUGH: Commander of Toyama Mil. Gov't. Team.

Furnishing with this letter of opision the forwarding petition which was submitted me by Kureha Industry Co.,Ltd. controlled as a Aircraft plant on Jan.20,1946, we hereby beg your favour in excepting the undermentioned equipments from reparations, requesting your authorities to take into consideration the following special circumstances.

1. History of the Plant:

a. The Plant has been continually engaging in the manufacture of cotton yarn & cloth, the repair of spinning & weaving machines with 102,300 spindles of spinning machines and 1,440 looms since June 1936 when the operation was commenced.

b. The Plant was obliged to convert the operation in Oct.,1944 as a result of the forced orders by the Military to assemble trial wooden aircraft. For a short time has worked on the trial assemblage of wooden aircraft with so many parts provided by Tachikawa Aircraft Co. as the plant was characterized as a factory of refuge, but could not obtain a good fuit until the surrender.

2. Actual Situation of the Plant:

a. Succeeding the Special 68 Saw-Mill of Toyama Pref Lumber Co.,Ltd. was operating in this plant during the war and the Wood Work Shops owned by the plant which was working on the lumber sawn in the saw-mill, the plant is now engaging in sawing lumber, manufacture of wooden products and repair of spinning machines & looms.

b. On the other hand, Kureha Cotton-Mill of Daiken Co.,Ltd., the successor of Kureha Spinning Co.,Ltd., is engaging in the manufacture of cotton yarn & cloth, its reinstatement is near upon completed, on the blue oblique lined area shown on the annexed Sketch of the forwarding petition, under permission for reconversion to manufacture Civil essential commodities authorised by 1 Corps on Jan.21st.,1946.

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3. Petitioned Equipments to be excepted and the Reasons:

As the abovementioned articles, the Plant had worked only for ten months the assemblage and the necessary preparation for starting operation of trial wooden aircraft, but the extent of its operation was the gluing, forming and assembling of the wooden parts provided by Tachikawa Aircraft Co. After the surrender, the necessary jigs, mouldings etc. for its works were all destroyed and burnt by Occupation Forces in Dec.,1945.

I petition you release from the reperations the all sets of equipment which wer never used for aircraft production such as wood work machines, out of the controlled machines and equipments in the plant.

A. Name of Equipment: Wood Work Machine.
Number: 35 sets.
Location: A & B shops, Saw-Mill & Blade Recharpening Room. (Refer to Annexed sketch)
Reason : These are the equipments which were sawing lumber for building use during the war in the Special Saw Mill of Toyama Pref. Lumber Co.,Ltd. in this plant which were working on wooden products. Still at present are working on sawing lumber and manufacture of furnitures and wooden products under granted permission.

B. Name of Equipment: Transformer.
Number : 8 units.
Location: Blue oblique lined Electric Controlling Room, Repair Shop Red oblique lined Saw-Mill.
Reason : These are the transformers which were purchased and used in the age of spinning operations.

C. Name of Equipment: Scrap.
Number : 126 sets.
Location: Red oblique lined C Shop.
Reason : These were purchased as scrap or of civil production use (such as rayon yarn manufacture), and never used during the war nor post-war.

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D. Name of Equipment: Machine Tool for Repair and Preservations use.

Number : 10 sets.

Location: At present in blue oblique lined Repair Shop, but shall be moved to Red oblique lined D Shop.

Reason : These are found in this plant since the age of spinning operations as the dependents of cotton-mill for repair & preservations use. Ever since the reconversion, are in use for reinstatement and repair of air raid-suffered spinning & weaving machines.

E. Name of Equipment: Transformer. and Machine Tool.

Number : 28 units.(Trans.) 4 sets (Machine Tool)

Location: Daimon Plant of Kureha Industry Co.,Ltd.

Reason : The Daimon Plant of Kureha Industry Co., Ltd. has ever been a cotton-mill. By order of Military in Jan., 1945, was rented to No.11 Factory of Mitsubishi Heavy Industry Co.,Ltd. who came this district refuging, and listed as a controlled plant. However, the plant was released from reparations by reason of all their machines were transferred and moved to their original factory in Nagoya under permission of Mil. Gov't Team. But as they have registered unnecessarily all of the attachments dependant to the factory's structure, still are remainning 28 units of transformers dependent to the structures and 4 sets of machines for repair use of spinning machines & looms.

TOTAL 211 sets.

Signed Seiichi Hane

SEIICHI HANE

Governor of
Toyama Prefecture.