military turned into explosives with some treatment.

In other words this factory manufactured and supplied Nitro Cellulose and never explosives.

(4) In August, 1944, the Aboshi factory started manufacturing Processed Wood (Plywood and Hardened Plywood) with temporary equipment.

(5) Since the end of the War, the Aboshi factory is engaged in manufacture of Celluloid, Nitro Cellulose for lacquer and Plywood for construction purpose which are all its primary line of business.

(F) Products and their Annual Output during 1930-1936

Year	Products	Quantity
1930	-	-
1931	-	-
1932	-	-
1933	-	-
1934	Celluloid	210 tons
1935	"	930 "

(G) Products and their Annual Output during 1937-1945

Year \ Products	Celluloid	Nitro Cellulose for Military use	Nitro Cellulose High Viscosity	Hardened Plywood	Plywood
1937	1,119 "	-	-	-	-
1938	728 "	18 "	2 "	-	-
1939	1,011 "	514 "	32 "	-	-

1940	994 "	333 "	68 "	-	-
1941	755 "	413 "	28 "	-	-
1942	393 "	637 "	29 "	-	-
1943	277 "	600 "	39 "	-	-
1944	226 "	551 "	6 "	34 cub.m.	-
1945	104 "	220 "	-	72	33,371 sq.m.

(H) Production since End of the War.

(a) Products and monthly output since End of the War

	Celluloid	Plywood
August, 1945	-	-
September, 1945	-	-
October, 1945	-	-
November, 1945	-	-
December, 1945	3.7 tons	-
January, 1946	-	-
February, 1946	-	-
March, 1946	3.3	-
April, 1946	16.6	-
May, 1946	18.7	1,683 sq.meters
June, 1946	21.0	1,980
July, 1946	32.1	2,475
August, 1946	31.6	4,125

(b) Schedule of Future Production

Celluloid	Yearly	720 tons
Nitro Cellulose, low Viscosity	" "	72 "

Plywood for construction purpose ~~Monthly 8,400 tons~~ Yearly 84,000 Sq. M.

(D) Summary of Equipment

(a)

		Used for
Paper Cutting Room	2 Paper Cutting Machines	Celluloid, N.C. for Lacquer N.C. for Military
Nitration Room	2 Nitration Apparatus (Hyatt system)	
Washing Room	6 Steaming Vessels	
"	3 Autoclaves	
"	9 Washing Tanks	
Camphor Mixing Room	2 Camphor Mixing Machines	Celluloid only
	1 Alcoholization Apparatus	"
	1 Press, large size	"
	7 Presses, medium size	"
Kneading Room	2 Kneaders	"
"	2 Extruding Machines	"
"	5 Scrap Mixing Pot	"
Rolling Room	9 Rolling Machines	"
Pressing Room	4 Presses	"
Planing Room	5 Planers	"
Drying Room	1 Drying Apparatus	"
Ironing Room	1 Ironing Machine	"
Calendering Room	1 Calendering Press	"
Alcohol Distillation Room	2 Alcohol Distillation Apparatus	"
Alcohol Recovering Room	1 Alcohol Rovering Apparatus	"

Drying Room	1 Drying Machines	Collected Wood
Plywood Room	1 Plywood Press	Processed Wood
"	1 Agglutinating Machine	"
"	3 Cutting Machine	"
Hardened Plywood Room	1 10-meter Press	"
"	2 Cutting Machine	"
Boiler Room	2 Boilers, Lancashire type	
"	1 Boiler, B & W type	
"	1 Pump, high pressure	
"	1 Pump, low pressure	
Transformer Room	5 Transformers	

(b) Equipment now unnecessary for peace time production

Refining Room of Nitro Cellulose for Military Use

Both building and equipment were burned down by fire due to powdered nitro cellulose on April 20, 1946, at 11:00 a.m. (shaded part on map)

(J) Ratio of the Factory's Monthly Production against National Production

	National Production	Production by the factory	Ratio
Celluloid	500 T	60 T	12%
Nitro Cellulose, law viscosity	80"	6 "	8%
Plywood	2,650,000 sq.m.	7,000 sq.m.	0.3%

(K) Reasons of Retention

(1) Ever since the company's establishment in 1921, both its Osaka and Aboshi factories have been

devoted to manufacturing Celluloid and Nitro Cellulose for Artificial Leather and Lacquer and the company is not a sort of war-expander.

(2) His products with following uses are all indispensable for recovery of Japan.

(a) Celluloid: Absolutely indispensable both as an export item against food imports and also for peace time domestic use.

(b) Nitro Cellulose for Lacquer: Lacquer is necessary for reconstruction. Nitro Cellulose is considered indispensable mostly as material for lacquer required by Occupation Forces.

(c) Plywood for Construction Purposes: Very important for reconstruction of war-damaged houses.

(3) Overcoming all difficulties, the factory has been engaged chiefly in manufacturing Celluloid and Nitro Cellulose for Lacquer since the end of the war.

(4) Most important factor for site of Celluloid and Nitro Cellulose for Lacquer factory is abundant water of best quality. This factory is well situated in the most desirable environment of big area near the beautiful river Ibo.

(5) This factory is so old that equipment is very corroded with acids. Due to shortage of repair

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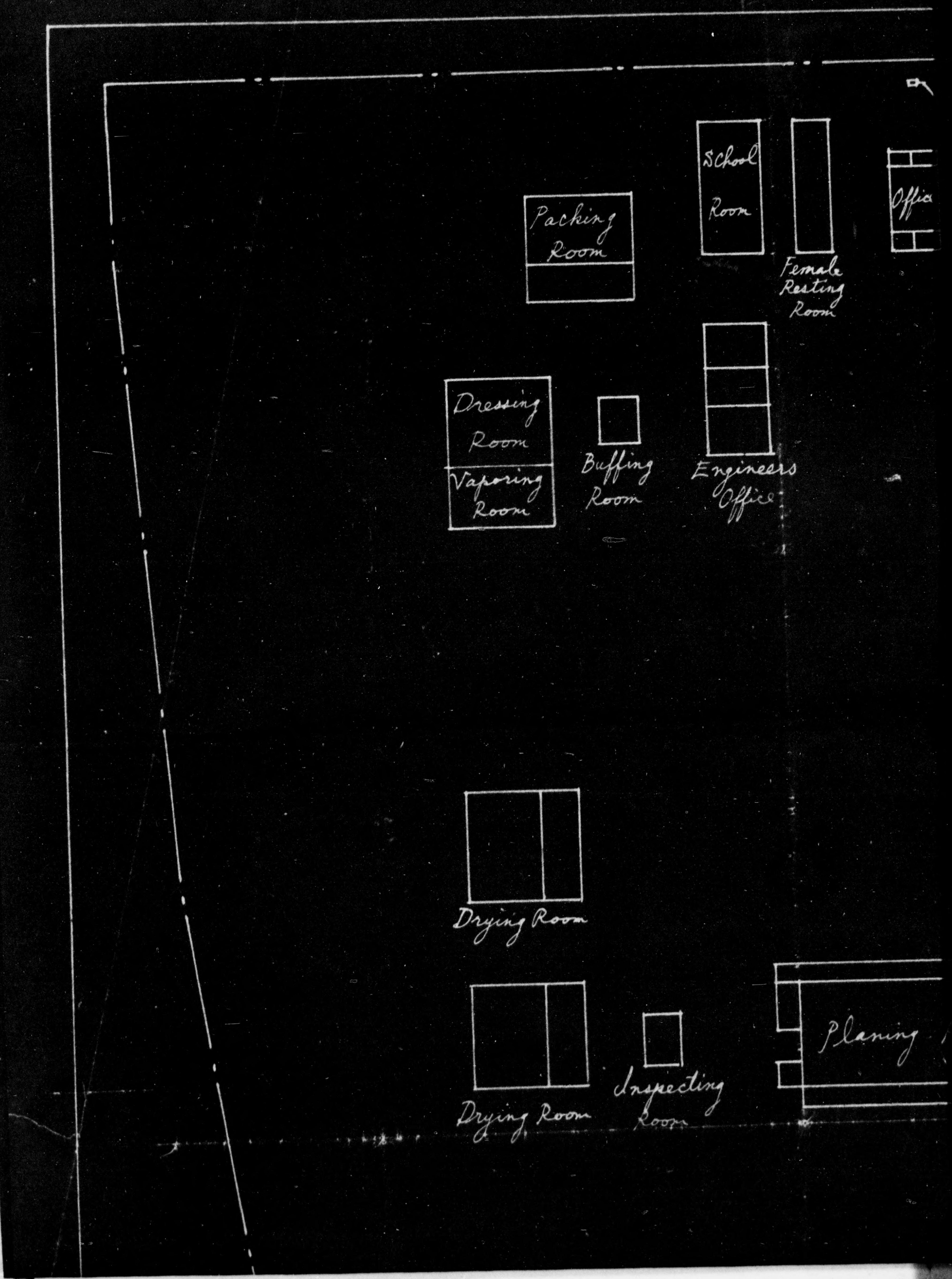
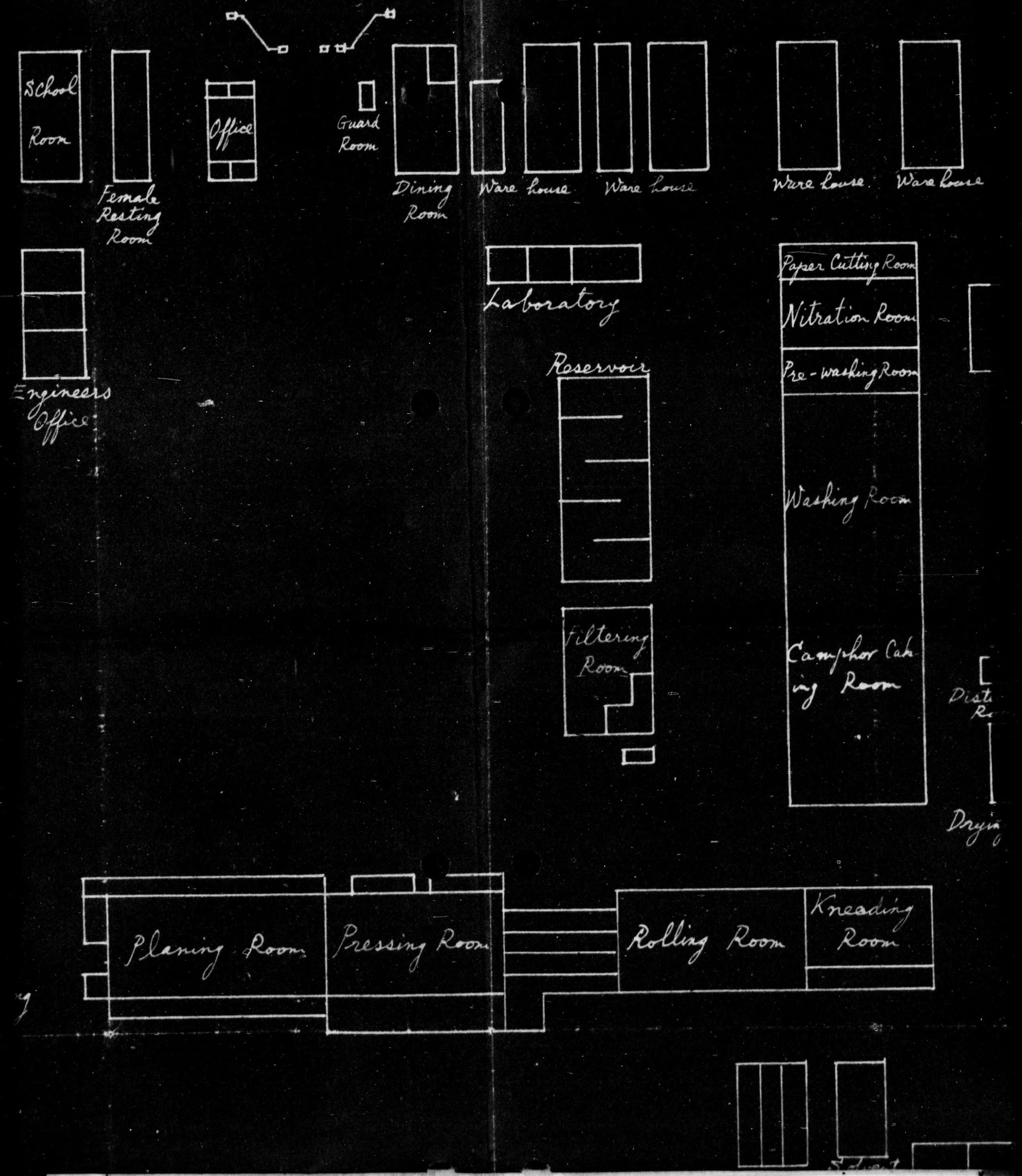
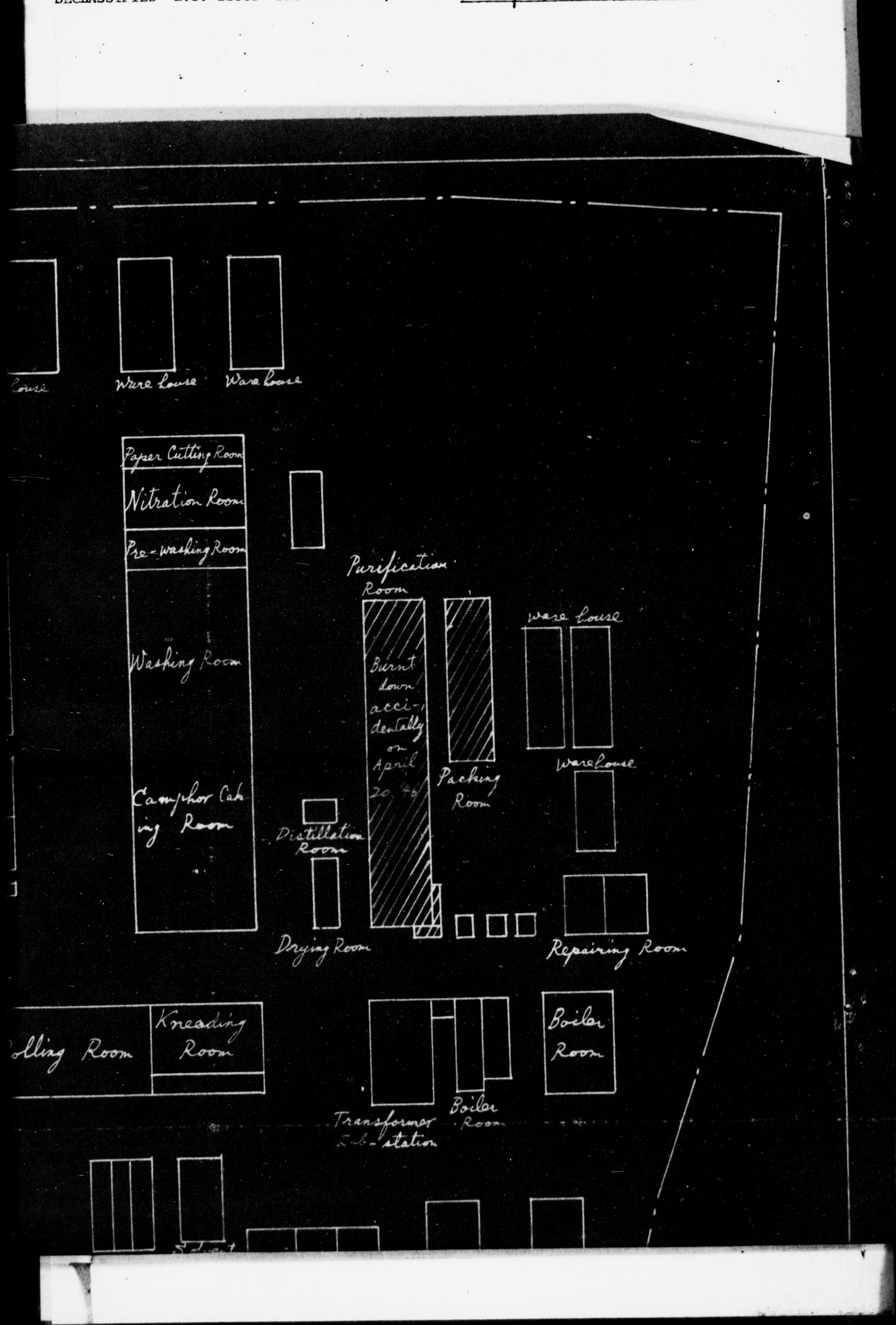
materials, no complete repair was made during the war with the result that unless used "as is" on the spot, the equipment is not likely to function due to decay and damage.


School Room
Office
Packing Room
Female Resting Room
Dressing Room
Vaporing Room
Buffing Room
Engineers Office
Drying Room
Drying Room
Inspecting Room
Planing

DECLASSIFIED




Ware house
Ware house
Paper Cutting Room
Nitration Room
Pre-washing Room
Washing Room
Camphor Cake ing Room
Distillation Room
Drying Room
Purification Room
Burnt down accidentally on April 20 '40
Packing Room
ware house
warehouse
Repairing Room
Kneading Room
Boiler Room
Transformer Sub-station
Boiler Room

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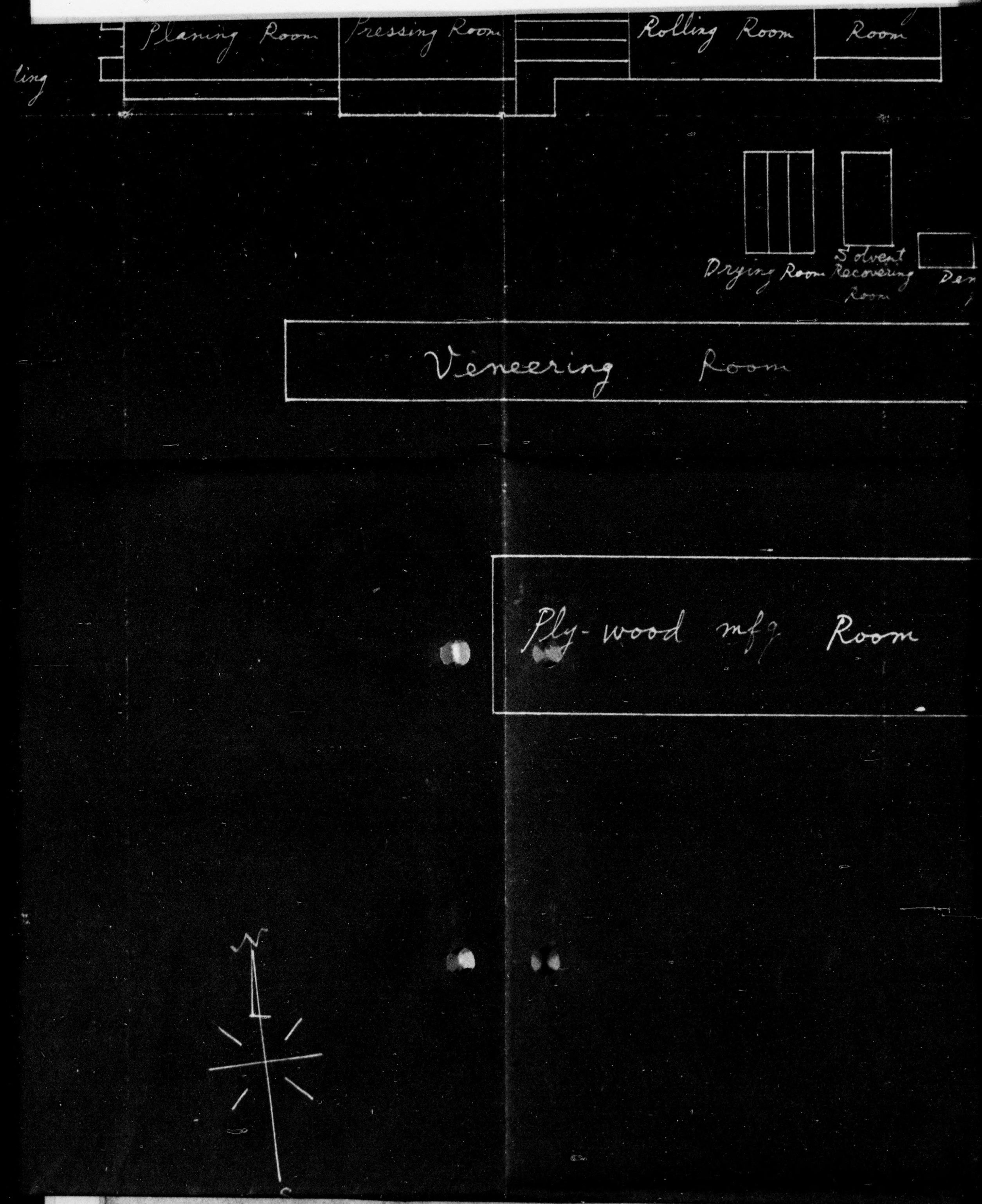
Planing Room
Pressing Room
Rolling Room
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Drying Room
Solvent Recovering Room
Veneering Room
Ply-wood mfg. Room
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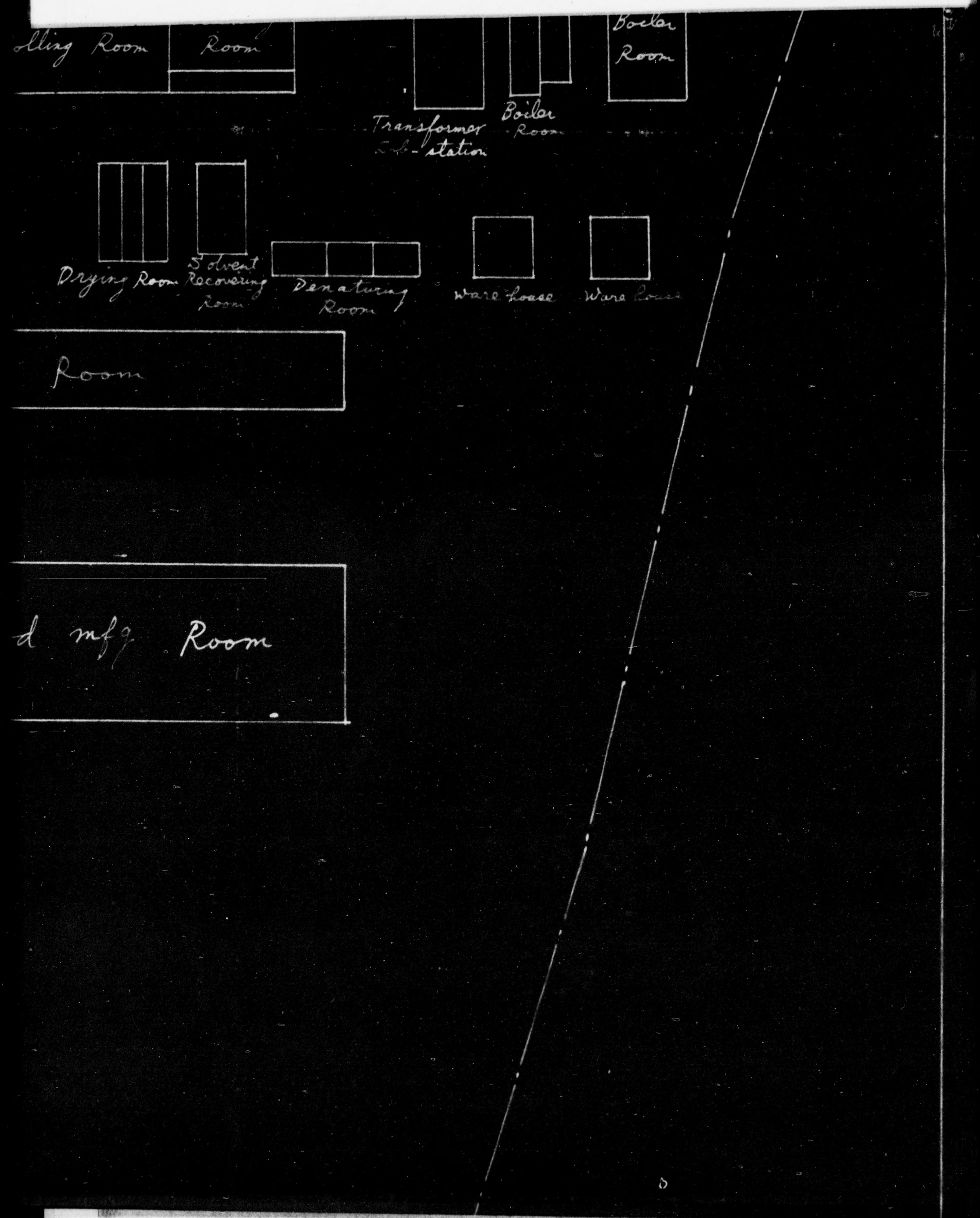
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Boiler Room
Transformer Sub-station
Boiler Room
Drying Room
Solvent Recovering Room
Denaturing Room
Ware House
Ware House
Room
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Takigawa A
Scale 1/600

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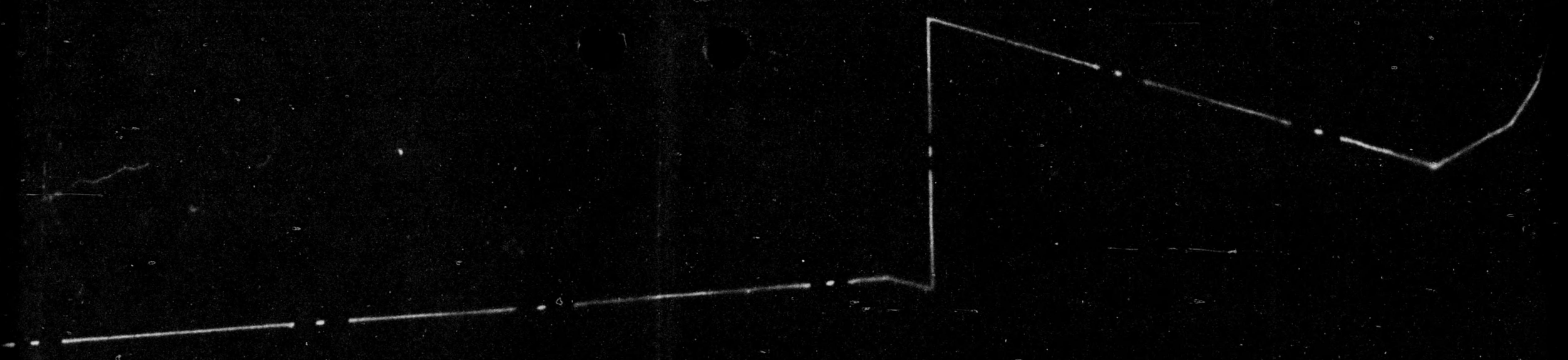

Eigawa Kogyo Kabushiki Kaisha, Abos

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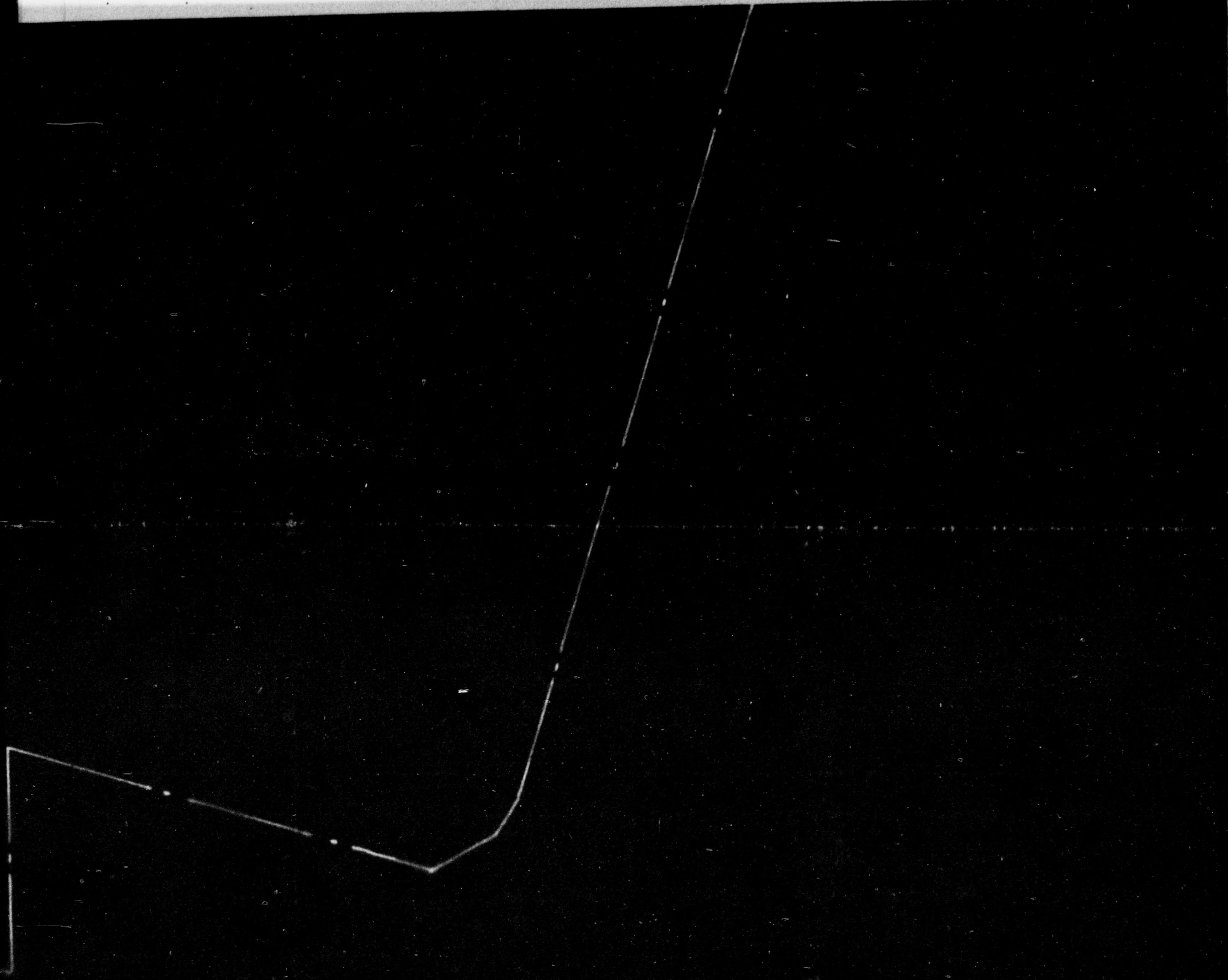

...ei Kaisha, Aboshi Plant

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG

IMPERIAL JAPANESE GOVERNMENT

CENTRAL LIAISON OFFICE

TO : HEADQUARTERS, HYOGO MILITARY GOVERNMENT TEAM.

FROM : Central Liaison Office, Tokyo.

SUBJECT: Request for Removal of Aboshi Plant of Takigawa Kogyo K.K. from Reparations List.

C.L.O. No.420(ECI-F) 14 October 1946

1. Reference: SCAP Memorandum AG 387.6(13 Aug 46)ESS/IE (SCAPIN-1134), subject: "Reparations Selections Within Privately-Owned Munitions Plants."

2. As is stated in detail in the attached application of the Ministry of Commerce and Industry, the subject plant was established in August 1935 for the purpose of producing celluloid. During the war, this plant produced nitrocellulose for military use by the use of a small portion of its equipment by order of military authorities but was never engaged in the manufacture of gunpowder. After the surrender, it has been totally reconverted to the production of celluloid and nitrocellulose for lacquer and plywood for house construction along its proper line of industry.

3. Under these circumstances, it is requested that your Headquarters be good enough to look into the matter and give favourable consideration for the removal from the Reparations List of the subject plant.

FOR THE PRESIDENT:

T. Katsube
(T. Katsube)
Chief of Liaison Section,
Central Liaison Office.

Enclosures: An application of the Ministry of Commerce and Industry, accompanied by an explanatory note on the subject plant.

Incl 3'

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Incl 3²

DECLASSIFIED E.O. 11652 SECTION 3(E),

#147

FILE

2HP
H.F.
RYF

HYOGO MILITARY GOVERNMENT TEAM
APO 317

ABH/di

P-15

10 October 1946

SUBJECT: Application for Removal of Takigawa Kogyo Kabushiki Kaisha, Aboshi Kojo, from SCAPIN 1134.

TO : Commanding General
I Corps
APO 301

1. Enclosed herewith is an application from subject plant supported by recommendations from the local Liaison Office and from the headman of Mitsu village.

2. This plant has been inspected by this team and the following facts determined:

a. The plant is a small installation covering about two (2) acres. Equipment is crude and primitive by American standards.

b. Much of the equipment such as vats, tanks, acid resisting pipes, conduits, etc., cannot be removed for reparations as they are constructed of tile set in concrete. Auxilliary equipment which could be removed consists of less than 100 machines.

c. Products are of good quality and much in demand for both domestic consumption and for export.

3. The company started producing celluloid in Osaka in 1921. In 1934 the plant was moved to Aboshi to obtain an adequate supply of labor and water. From 1934 to 1938 plain celluloid and cellulose was manufactured. In 1938 the plant was directed to produce military type nitro-cellulose for the Tokyo arsenal which processed it into military explosives. From 1938 to 1945 this military type nitro-cellulose was the bulk of the plant's production. However, as pointed out in the enclosed letter from the liaison office, the plant did not directly

2

DECLASSIFIED E.O. 12065 Section 3-402, NNDG No.

To: Hq, I Corps, APO 301, File P-15, Subj: "Application for Removal of Takigawa Kogyo K.K., Aboshi Kojo, from SCAPIN-1134" dtd 10 Oct 46.

manufacture explosives.

4. The products of the company are now most urgently needed for manufacturing paints, lacquers, and phenolic resin bonded plywood and veneers.

5. No physical reconversion was made in this plant either at the beginning or termination of the war.

6. Because of the essentiality of the plant's products and the small amount of suitable equipment in the plant available for reparations, it is the recommendation of this team that the Takigawa Kogyo be deleted from SCAPIN-1134.

PETER W. SCOTT
Lt Col Inf
Commanding

3 Incls:
1. Application of Takigawa Industry (4 copies)
2. Letter of Recommendation - Liaison Office (1 copy)
3. Letter of Recommendation - Mitsu village headman - 1 copy - translation 1 copy.

#147

F I L E

HYOGO MILITARY GOVERNMENT TEAM
COMMERCE & INDUSTRY SECTION
APO 317

THD/di

8 October 1946

P-15

SUBJECT: Advice of Serial Numbers to be used in preparing Inventory Sheets.

TO : The Takigawa Kogyo Company
Ozumura, Hyogo-ken.

1. In addition to instructions given to you by this headquarters on 23 Sept 1946 in connection with inventorying of machinery installed in your plant, you are hereby advised that the following serial number should be used for all machines:

13 - 68

2. All machines should be numbered consecutively and the numbers painted in a contrasting color on two separate intrical parts of the machine.

PETER W. SCOTT
Lt Col Inf
Commanding

From Aboshi Works,
Takigawa Industry Co. Ltd.
Mitsu Mura, Ibo Gun,
Hyogo Pref.

Mitsu Mura, Sept. 25th,'46

Headquarters,
Hyogo Military Government Team,

KOBE

Gentlemen:-

Application for cancellation of the appointment of reparation-works

We hereby beg respectfully to wish you to kindly consider for the cancellation of our works from the list of reparation-works, in accordance with the actual condition of present Japan.

Allow us to explain you about reason of application and we beg to enclose herewith a detailed specification for your kind investigation.

We need not to say how grateful we should be, if you will kindly give our application your deepest consideration.

Thanking you in anticipation.

Yours very truly,

T. Endo
.....
Managing Director,
Takigawa Industry Co. Ltd.

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

Details of application for cancellation of the appointment of reparation-works

(A) Name of Company:- Takigawa Industry Co. Ltd.

(B) " " Plant:- Aboshi Plant of Takigawa Industry Co. Ltd.

(C) The seat of the Company and Plant:-

(a) The seat of the Company:- No. 8, 8 chome, Shin-imazato-cho, Ikuno-ku, Osaka

(b) " " " " Plant:- No. 1455, Kariya, Mit-su mura, Ibo Gun, Hyogo Prefecture.

(D) Date of establishment of the Company and date of the start of operation of the Plant:-

(a) Date of establishment of the Company:- April 1921

(b) " " start of operation of the Plant:-
Osaka Plant,- April 1921
Aboshi Plant,- August 1935

(E) History of working

(1) In April 1921, at No.28, Katae cho, Higashinariku, Osaka, started the manufacture of Plain Celluloid.

(2) Osaka Plant having various troubles such as, houses are too closely crowded in that neighbouring place, deflation of gas, bad influence of fire given to the around of our plant and inferior quality of water have been pressed to the necessity to remove to some other place, and therefore the Company have established a branch plant at Mitsu mura, Ibogun, Hyogo Pref. in October 1934.

(3) In May 1938, the Company have been appointed to manufacture Nitrocellulose for Military use by No. 2 Military Arsenal of Tokyo and Aboshi Plant have started to manufacture it while manufacturing Celluloid.

(4) Aboshi plant have also started to manufacture Ply-Wood and Veneer Sheet with their temporary equipments in August 1944.

(5) After the war, Aboshi Plant have concentrated their efforts to the manufactures of Plain Celluloid, Nitrocellulose(not for Military use ofcourse) and Veneer-Sheets for building purpose, which are our main occupation.

Re. above (3) Provided that the said Nitrocellulose is not Gunpowder and we have only made the Nitrocellulose and have delivered the Arsenal, as it is. In other words, we did not manufacture the Gunpowder and also did not deliver same.

(F) Names and quantity of productions during from 1930 to 1936

1930	1931	1932	1933	1934	1935	1936	
0	0	0	0	0	210Tons	930 Tons	Plain Celluloid

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(G) Names and quantity of productions during from 1937 to 1945

	1937	1938	1939	1940	1941	1942	1943	1944	1945	
Plain Celluloid	1119	728	1011	994	755	393	277	226	104	tons
For Military Use, Nitrocellulose	0	18	514	333	413	637	600	551	220	tons
For high Viscosity do	0	2	32	68	28	29	39	6	0	tons
Ply-Wood	0	0	0	0	0	0	0	34	72	cbm
Veneer	0	0	0	0	0	0	0	0	33,371	sqm

(H) Names and quantity of productions after the war

(a)

		Plain Celluloid	Veneer sheet
August	1945	0	0
September	"	0	0
October	"	0	0
November	"	0	0
December	"	3.7 tons	0
January	1946	0	0
February	"	0	0
March	"	3.3 tons	0
April	"	16.6 "	0
May	"	18.7 "	1683 sqm
June	"	21 "	1980 "
July	"	32.1 "	2475 "
August	"	31.6 "	4125 "

(b) The mark of future production, per month

Plain Celluloid	60 tons
Nitrocellulose(low viscosity)	6 tons
Veneer for building	7,000 sqm

(c) Order, accepted, on hand

Plain Celluloid	56½ tons
Nitrocellulose	15 tons

(I) Outline of principal equipments

(a) Paper Cutting Room :Paper Cutting Machine 2
Nitration Room :Hyatt Nitration " 2
Washing Room :Boiling Bat 6
:Autoclave 3
:Washing Bat 9

These are for making Plain Celluloid, Nitrocellulose and (same for Military use during the war only) in common.

Camphor Caking Room :Camphor Mixer 2
:Alcohol Round Press 1
:Large Size Press 1
:Middle Size Press 7
Kneading Room :Kneading Machine 2
:Filter 2
:Waste Celluloid Pan 5

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(I) Outline of principal equipment(cont.)

(a) continued

Rolling Room	Roll	9
Pressing Room	Press	4
Cutting Room	Planer	5
Drying Room	Drying Apparatus	1
do	do	1
Steam Vaporing Room	Steam Vaporing Machine	1
Dressing Room	Dressing Machine	1
Alcohol Distillation Room	Alcohol Distillator	2
" Recovering "	" Recovering M/c	1
Drying Room	Drying Apparatus	1

These are to be used for making only Plain Celluloid.

Veneering Room	Veneer Pressing Machine	1
	Starching "	1
	Cutting "	3
Ply-wood Room	10 Meter Press	1
	Cutting Machine	2

These are to be used for making wood working manufactures

Auxiliary equipment

Boiler Room	Lancashire Boiler	2
	Babcock and Wilcox "	1
	High Pressure Pump	1
	Low Pressure Pump	1
Transformer Room	Transformer	5

(b) Machines and equipments became unnecessary for the manufactures of peace productions in future:-
(Equipment for purification of Nitrocellulose for Military use in purification room)

Explanation :- Please refer to attached drawing; part marked with red diagonal line;- These were burnt down by fire taken place there at 11.am 20th April 1946 from the waste of Nitrocellulose, accidentally.

(J) Ratio of our production and same of whole country in Japan in quantity, per month.

Names of production	Quantity in whole country	Quantity of our works	Ratio
Plain Celluloid	500 tons	60 tons	12%
Nitrocellulose (low viscosity)	80 tons	6 tons	8%
Veneer	unknown	7,000 sqm	

(K) The reason why our works should be maintained:-

(1) The financial Group. Our Company have no connection at all with this group(Zaibatsu) in the system of capital but with capital of various class of Japanese people which are not distantly related to the financial group.

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(K) continued:-

(2) Expansion by the war. Aboshi works have been built during 1934 and 1935 and started in September 1935 and since constantly pushed for the manufacture of plain celluloid and Nitrocellulose as subject, but the works did not expand specially during the war.

(3) Very important manufacture for recovering Japan.

(a) Plain Celluloid: This is return-goods towards import of food from America. Also very necessary thing for peace-Japan. It is therefore not to be dispensed with for rebuilding of cultural-Japan.
(b) Nitrocellulose for paints: This is also useful thing for recovery of damage by the war and also at present a greater part of it should be kept as a material for paints for the use of Allied Military forces.
(c) Veneer for building: This is also very important building material for recovery of Japan.

(4) Export purpose: Plain celluloid which is our main production, before the war, has occupied most important situation among those of various export goods from Japan in the points of both quality and quantity in connection with the fact that its raw material could easily be obtained in Japan . Ofcourse after the war, it should be same as before as very important export goods and it is to be believed that it will carry out the allotment of duties for rebuilding of cultural-Japan, without doubt.

(5) Shortage in stock in Japan. Plain celluloid, NitroCellulose as well as veneer sheets which are our main manufactures are at present shortage in quantity in Japan, in war-damaged Japan, and we are naturally in a position to increase our production rapidly in future, we believe.

(6) Appointment as one of makers of necessaries of life. After the war, in defiance of all difficulties, we have gone ahead for increasing our products, concentrating our efforts to the manufacture of Plain Celluloid, and Nitrocellulose which are our main production and so we have been appointed by the Governor of Hyogo Prefecture to be one of important makers of necessaries of life since June 1st 1946. Therefore very heavy mission has been charged to our employees who are now deeply realizing their own situation. Naturally their thirst for a big production is really high and with cooperation, each other, of employers and employees, we are doing our very best for the purpose.

(7) Water. First condition for building of plant for making Plain Celluloid and Nitrocellulose for paints is really to obtain very nice quality of water and also plentiful quantity of same as feed water to be supplied to the plant and, in these points, fortunately our plant is situated at very favourable place ,near a river named Ibo river, from which we are getting first class

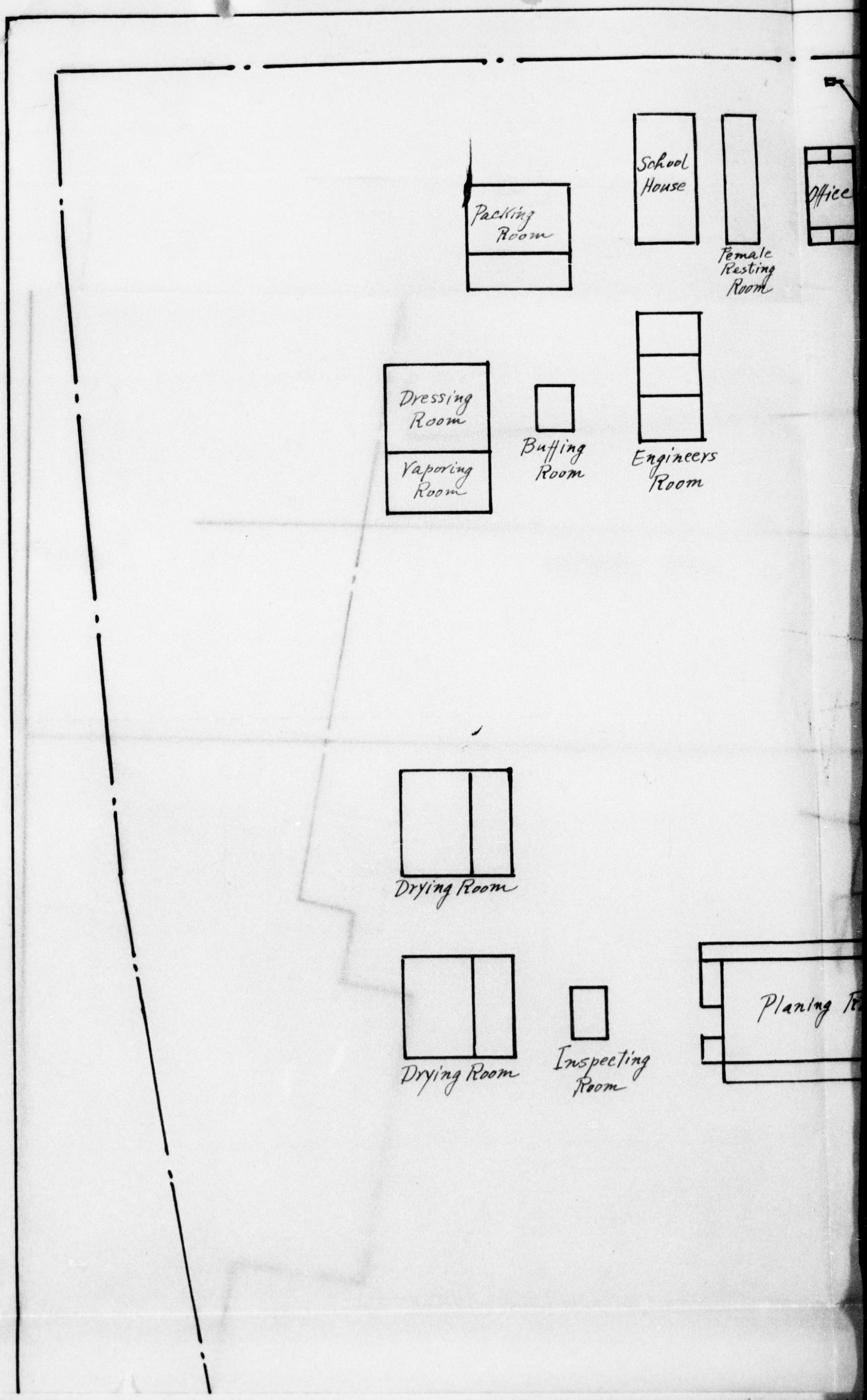
(K) continued:-

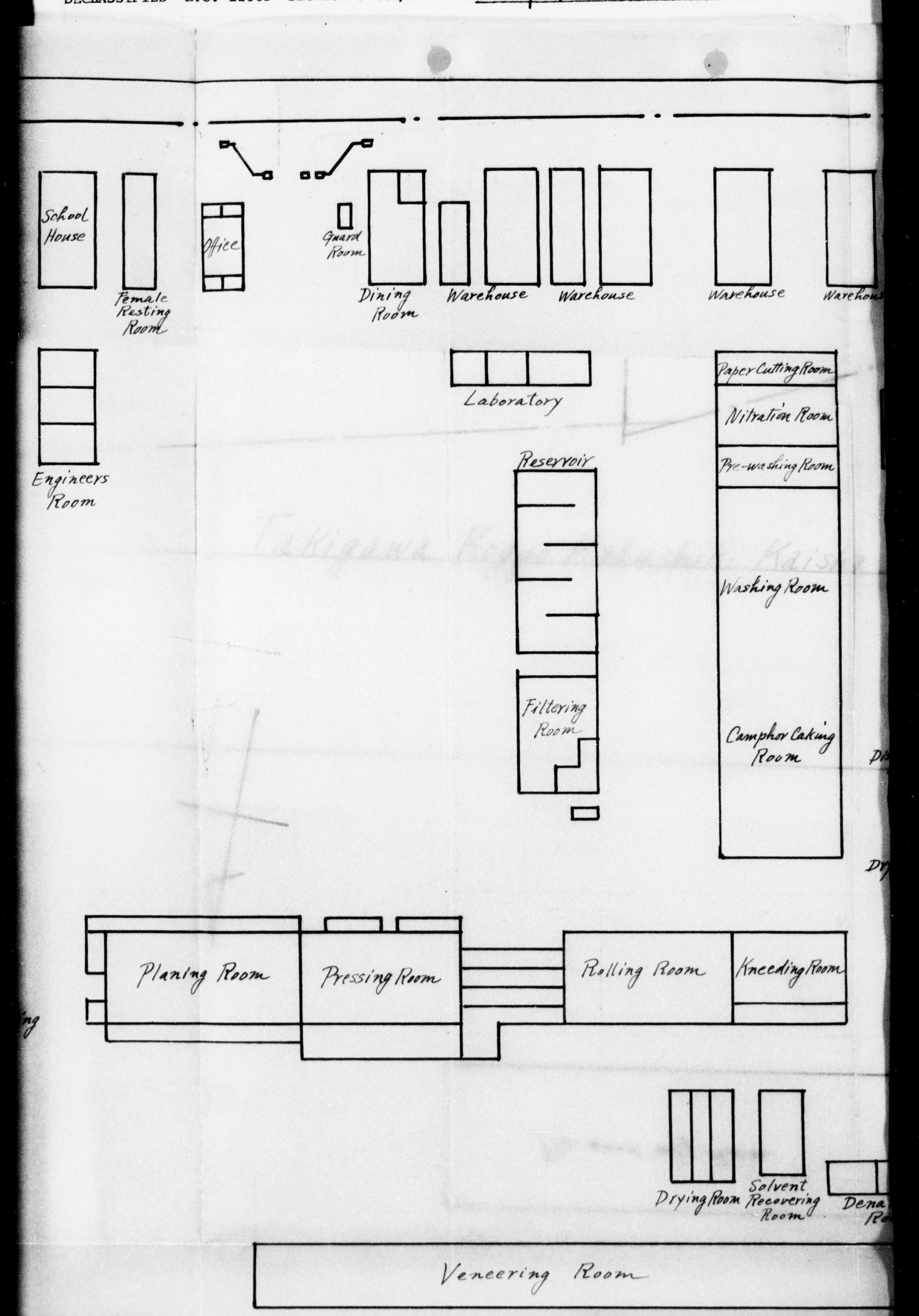
(7)cont.:-
good water of a big quantity, and also the around of our plant is very wide and there are no short points at all as plant.

(8) Repairs to plant and its equipment.
Considerable length of time has already passed since we have established our plant and therefore our plant and equipments have been visited by much corrosions at present everywhere and moreover due to the shortage of repairing materials, we could not give any repairs to them. There is, therefore remarkable injuries in every part, and unless they are suitably repaired at present position, it will be impossible that they will demonstrate their original functions, we think.

(9) Position in Celluloid makers. As regards our production and capacity of Plain Celluloid, we are occupying 2nd position as makers in Japan. We have also a firm belief in the point of quality according to the actual results in the past and also as export goods.

END


Packing Room
School House
Female Resting Room
Office
Dressing Room
Vaporing Room
Buffing Room
Engineers Room
Drying Room
Drying Room
Inspecting Room


School House
Female Resting Room
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Dining Room
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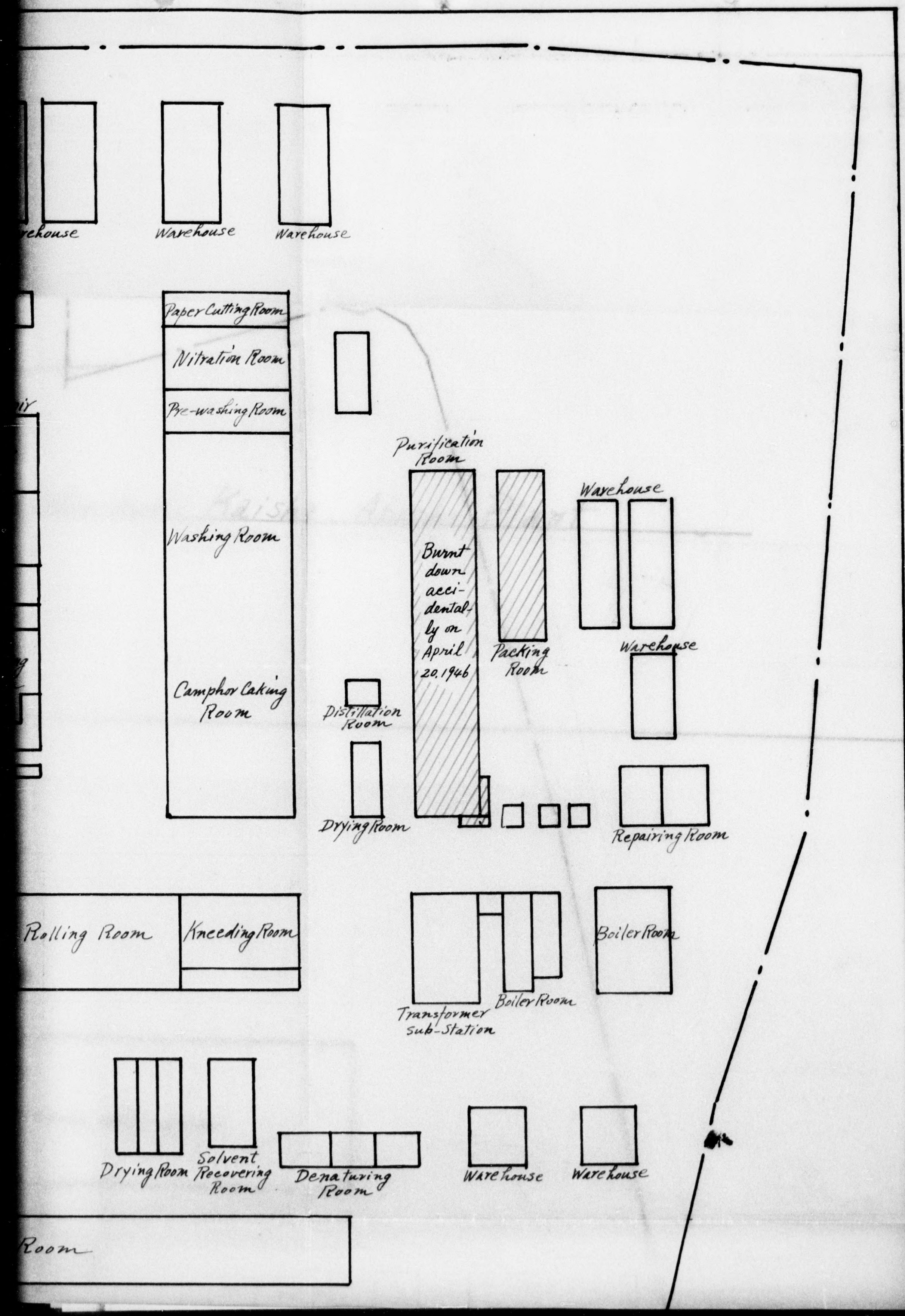
Engineers Room
Laboratory
Paper Cutting Room
Nitration Room
Pre-washing Room
Reservoir
Washing Room
Filtering Room
Camphor Caking Room
Planing Room
Pressing Room
Rolling Room
Kneeding Room
Drying Room
Solvent Recovering Room
Veneering Room


rehouse
Warehouse
Warehouse
Paper Cutting Room
Nitration Room
Pre-washing Room
Washing Room
Camphor Caking Room
Purification Room
Burnt down accidentally on April 20, 1946
Packing Room
Warehouse
Warehouse
Distillation Room
Drying Room
Repairing Room
Rolling Room
Kneeding Room
Transformer Sub-Station
Boiler Room
Boiler Room
Drying Room
Solvent Recovering Room
Denaturing Room
Warehouse
Warehouse
Room

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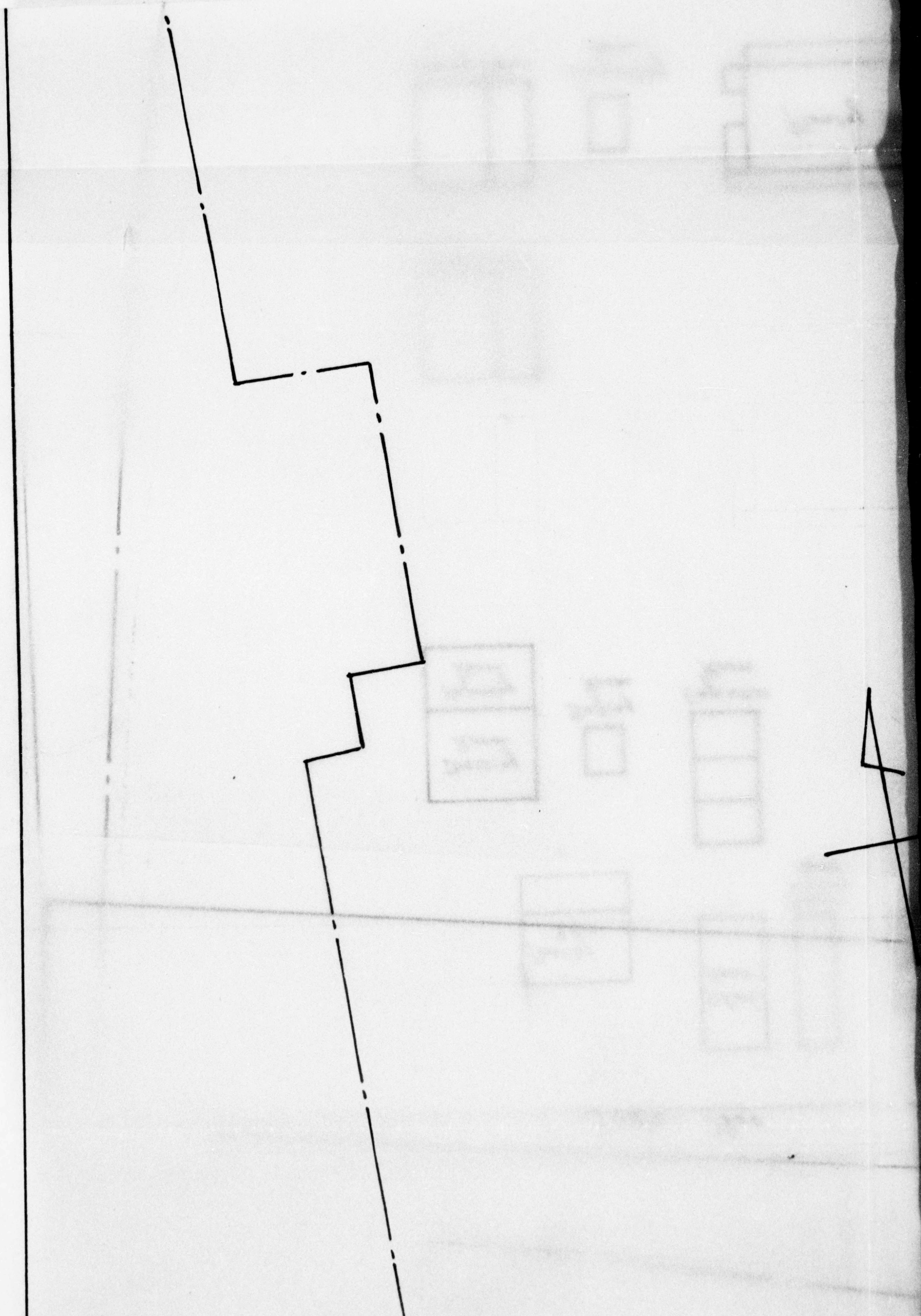
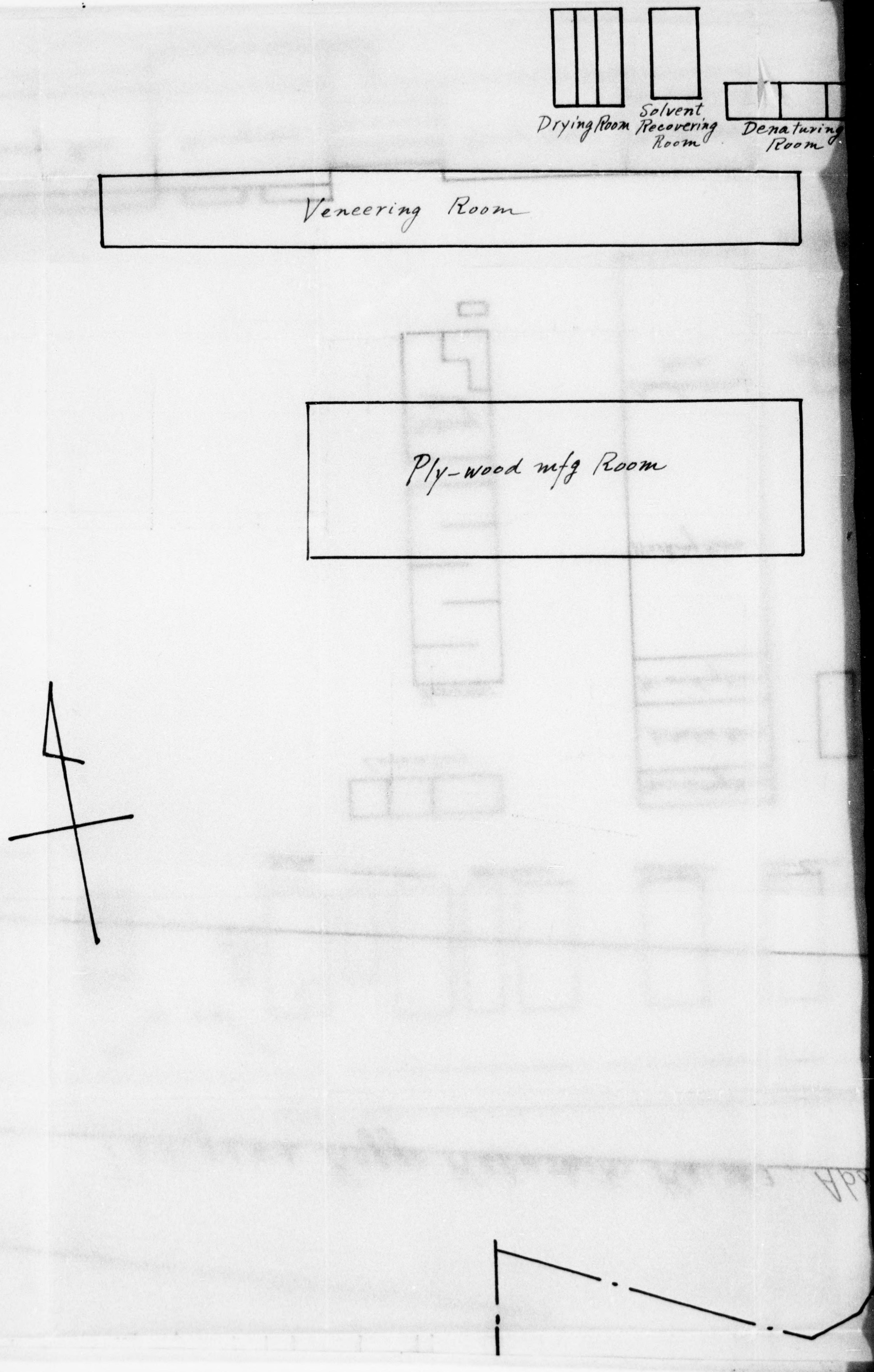
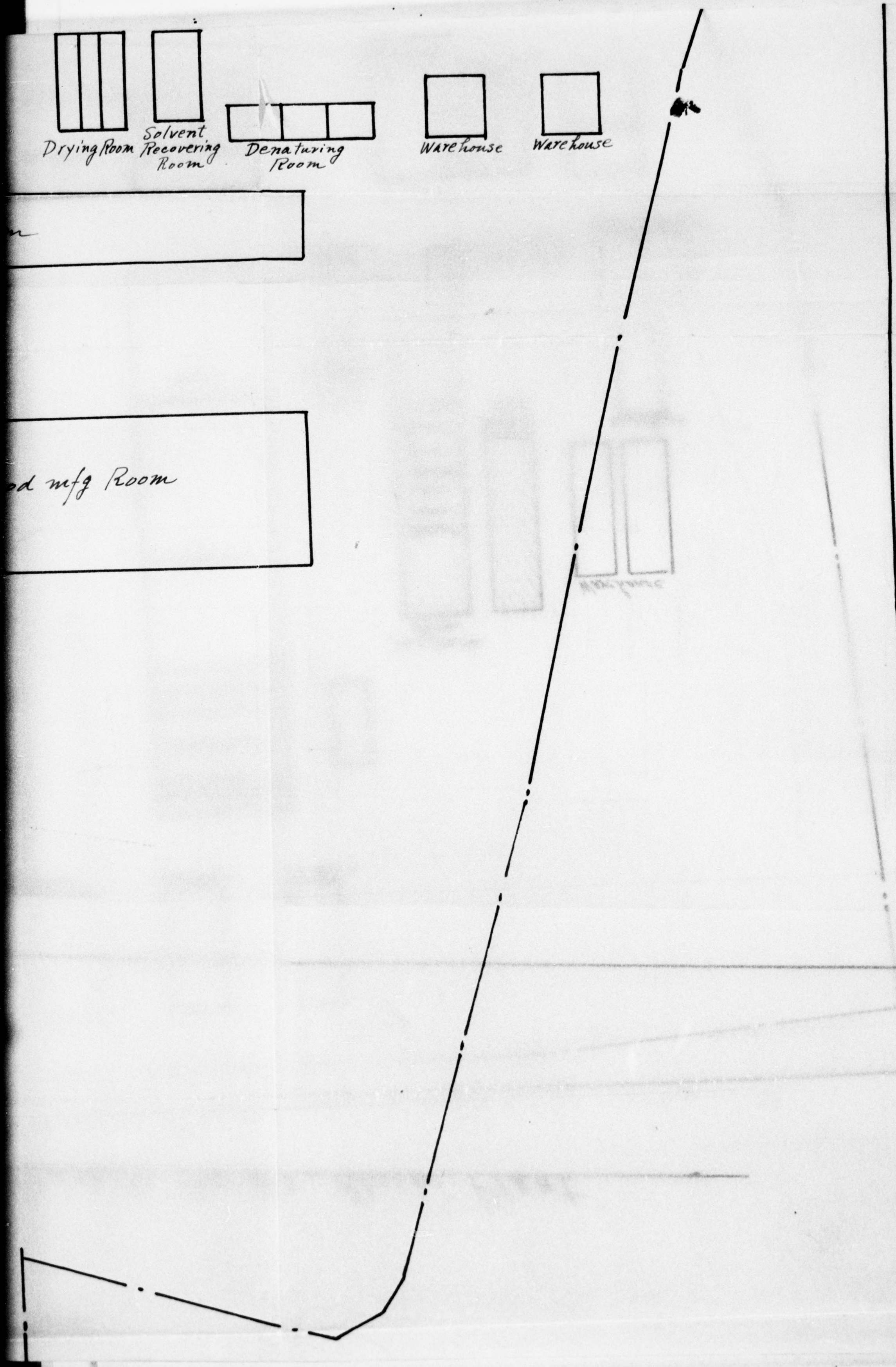
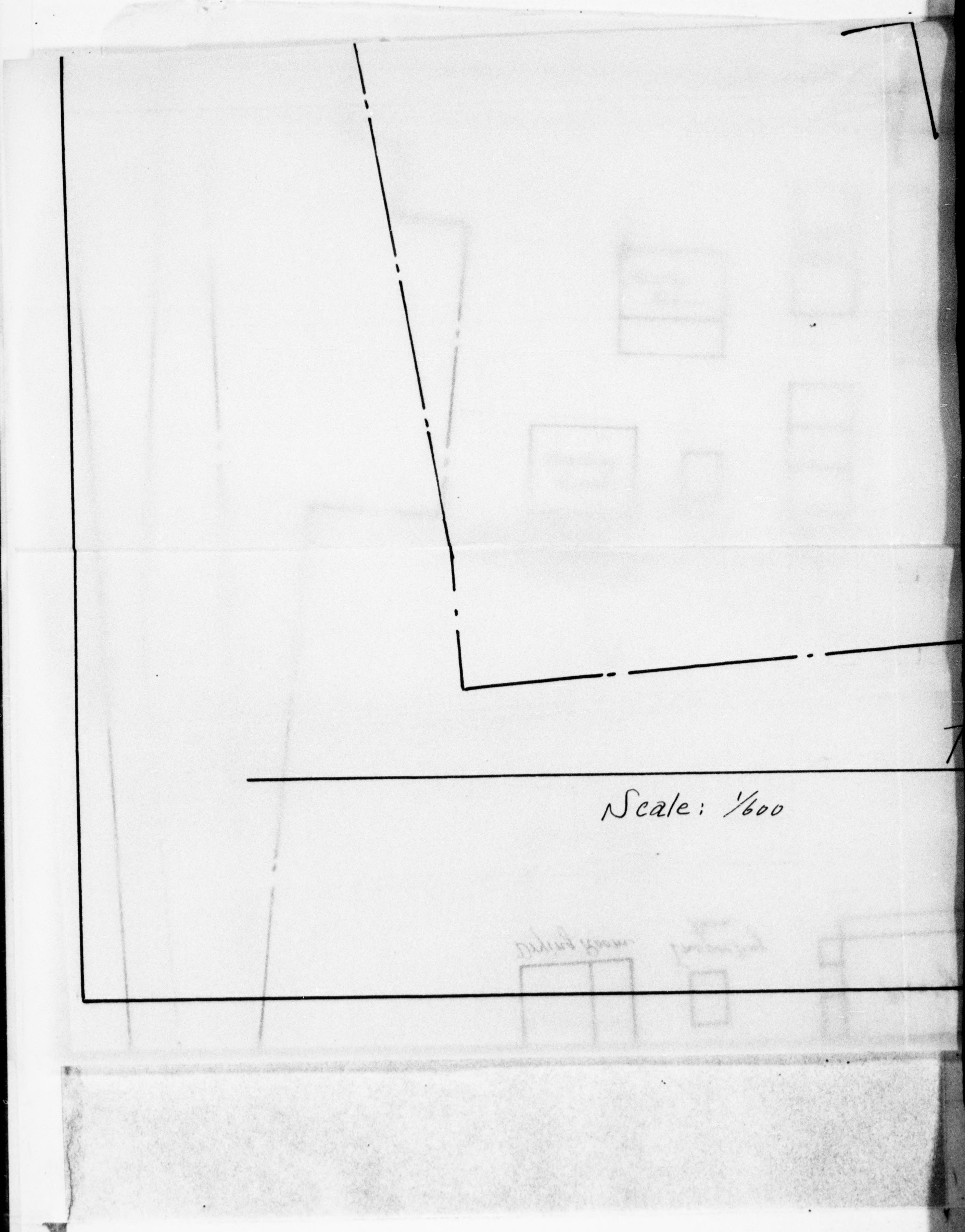


DECLASSIFIED E.O. 11652 Section




Drying Room
Solvent Recovering Room
Denaturing Room
Warehouse
Warehouse
od mfg Room

DECLASSIFIED E.O. 12065 SECTION 3-402, NND NO.



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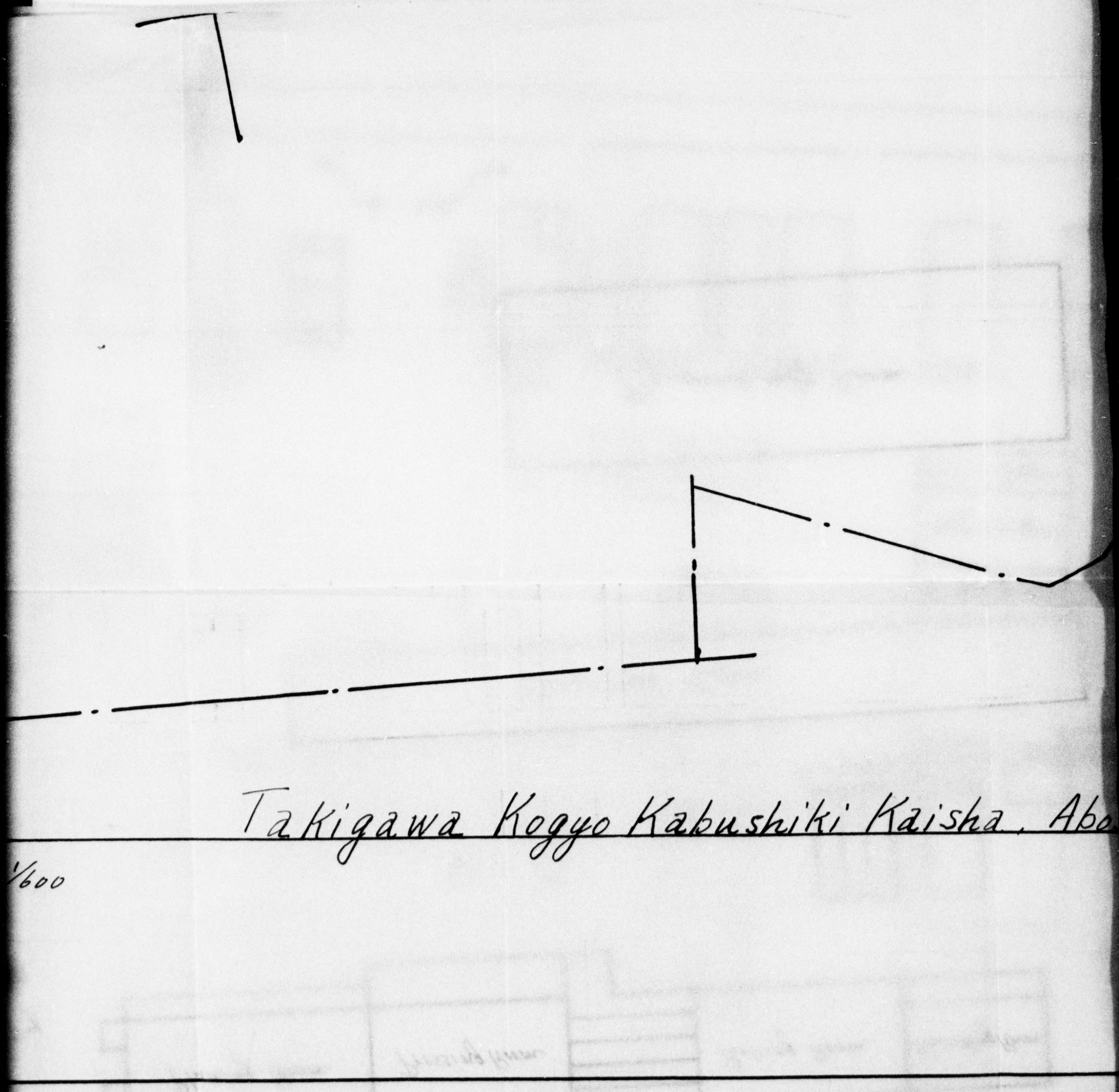
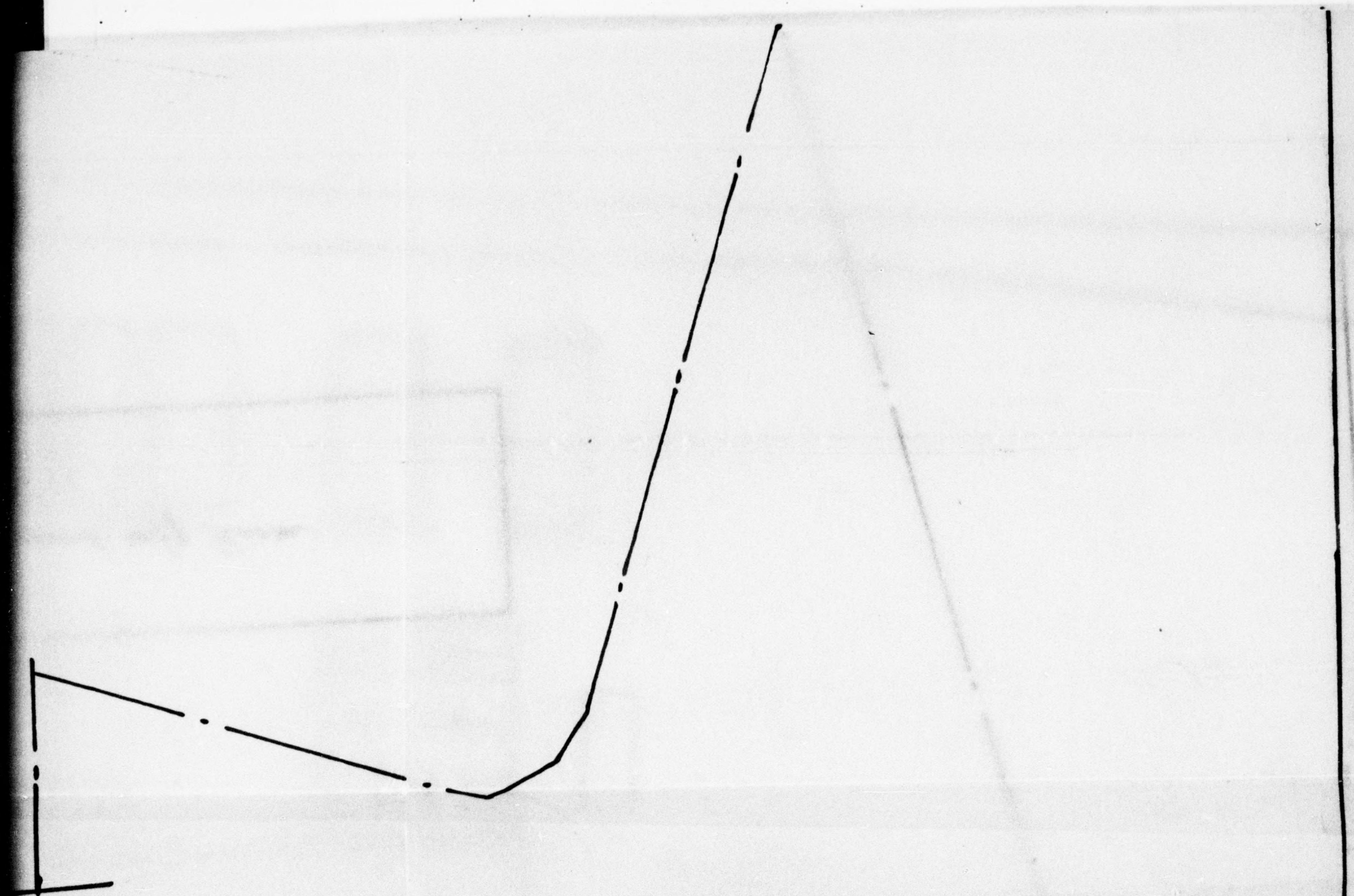


Takigawa Kogyo Kabushiki Kaisha, Abo

1/600

DECLASSIFIED E.O. 12065 SECTION 3-402/NNG NO.



abushiki Kaisha. Aboshi Plant

DECLASSIFIED E.O. 12065 SECTION 3-402/...

昭和二十一年十一月　日

瀧川工業網干勞働組合

組合長　藤井　功

兵庫軍政部御中

賠償工場指定解除歎願書

茲に昭和二十一年八月二十九日附を以て貴聯合軍司令部より吾々組合員一同の勤務する瀧川工業株式會社網干工場か賠償工場として指定されし事を知り吾等從業員一同驚愕致し其の後の心痛一方ならず生産人たる吾々はポツダム宣言の趣旨を體し組合長以下全員心を協せて[redacted]セルロイト生地生産の増進と品質の向上に努力を續け今日に至りしも若し万一此の際に推移して工場の機械設備を撤去されるか如き事あらば吾等一同工場設

DECLASSIFIED

立以來十余年に渉る努力も水の泡となり二百名に近き組合員一同は一人のこらず失業の苦杯をなめ生活の脅威に晒されるは必定なり
茲に於て吾々從業員一同相諮り吾々の眞情を捧げ以て意の存する處を具に陳情致し格別の御詮議を得て何卒指定御解除の儀伏して御願申上度茲に歎願に及び候也

DECLASSIFIED

記

一、昭和九年十月當網干工場設立決定以来十余年間吾々大半の者は工場建設作業より操業開始以後は協心一致し一意専心生産の増強と品質の向上に努めたり

二、戦前はセルロイト生地の生産に従事し我國輸出貿易の一重要物資として廣く世界各國に其の眞價を謳はれたり

三、戦時中は軍の命令に依り一時セルロイト生地の製造の傍ら硝化綿を軍に納入し居りしも戦後は再び本業に立返りセルロイト生地及第八軍向塗料用硝化繊維素の生産に努め小は食糧輸入見返り物資として又國内生活必需物資として大は世界平和に寄與せんと全員張り切つて作業し居れり

四、一朝乃一にも工場施設か撤去され工場の閉鎖されるか如き事あらんか吾々全從業員は忽にして失業せしめられ生活の根據を失ひ生活不安のどん底にたゝき込まれねはならぬ事となり玆に於て吾々は衷心より工場の存續を熱願致す次第なり

五、幸ひにして吾々の善良の存する所を御高察賜り指定解除の恩命に浴せんか、全従業員の感謝感激は必ずや今後の生産増強は甲すに及ばず平和日本の再建に全力を挙げて努むべき事を誓ふものなり

以上

From I. Fujii,
Chief of Takigawa Industry
Co. Ltd.'s Aboshi Labours'
Union, representing all the
members.

Aboshi, Nov.14th, 1946

#147

To Hyogo Military Gov. Team, KOBE

Sirs: -

Petition for cancellation of the appointment of the Reparation-Works

Since our Aboshi Plant, in which we are working, have been appointedas oneof Reparation-Works on August 29th, 1946 by Supreme Commanding for the AlliedForces, we are under most suffered atmosphere and have been carefully watching as to how the matter stands since. We, all members including myself being actual producers, are now doing our very best, well obeyed with all the conditions of Potsdam's declaration, for the increases of product of celluloid as well as for the progress of quality ofsame.

Should, however, by chance, once, plant's equipments be removed from the Plant, our endeavours of over ten years after the establishment of the Plant will be completely destroyed, and the members of nearly 200 should lose their positionand their livelihood will not be continued.

The purport of thepetition is, therefore, that after due consultation, with our heartiest wish, we should like to make you our application to kindly give your sympathy to our situation and to cancel our name from the list of Reparation-works by your special consideration, the details of which is as follows: -

(1) The majority of our members are working with utmost endeavours, co-operated each others, for the increases of products and for advances of the quality of Plain Celluloid for over ten years since the plant have started for operation of working after it was built after it has been decided to be established in Oct. 1934.

(2) We manufactured plain celluloid before the war which was welcomed by every country of the world as one of most important export goods from Japan.

(3) During the war, according to the order from Military Arsenal, we made Nitrocellulose in addition to the manufacture of plain celluloid, but after the war, we returned to former working and have concentrated to the manufacture of plain celluloid and nitro-cellulose for making paints to be used by Eighth Army of U.S. Force.

cont.

(3) cont.
namely, our product is one of important return-goods for import of food, and on the other hands, it is also important thing as necessaries of life, and so our spirit is high for the peace of the World.

(4) If, by chance, our plant will be closed and all the equipments will be removed, our members will be very much suffered and they will be dropped to the bottom of unsafe of livelihood, and it is why we are in a position to specially wish you the maintenance of our plant, for which please give your deepest consideration.

(5) If, fortunately, our wish is to be agreed upon by you well sympathised and our plant be cancelled from the list of reparation-works, how grateful we should be and have no words to express our thanks, and we swear that we go ahead for rebuilding of peace-Japan, not only the increases of product in future.

In conclusion, we repeat our thanks for your kind consideration.

Thanking you in anticipation,

Yours faithfully,

J. Fujii

Chief of Takigawa Industry Co. Ltd.'s Aboshi Labours' Union.

昭和二十一年十一月　日

瀧川工業網干勞働組合

組合長　藤井　功

兵庫軍政部御中

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

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

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以上

From I. Fujii,
Chief of Takigawa Industry
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Aboshi, Nov.14th, 1946

#147

To Hyogo Military Gov. Team, KOBE

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Petition for cancellation of the appointment of the Reparation-Works

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(1) The majority of our members are working with utmost endeavours, co-operated each others, for the increases of products and for advances of the quality of Plain Celluloid for over ten years since the plant have started for operation of working after it was built after it has been decided to be established in Oct. 1934.

(2) We manufactured plain celluloid before the war which was welcomed by every country of the world as one of most important export goods from Japan.

(3) During the war, according to the order from Military Arsenal, we made Nitrocellulose in addition to the manufacture of plain celluloid, but after the war, we returned to former working and have concentrated to the manufacture of plain celluloid and nitro-cellulos for making paints to be used by Eighth Army of U.S. Force.

cont.

(3) cont.
Namely, our product is one of important return-goods for import of food, and on the other hands, it is also important thing as necessaries of life, and so our spirit is high for the peace of the World.

(4) If, by chance, our plant will be closed and all the equipments will be removed, our members will be very much suffered and they will be dropped to the bottom of unsafe of livelihood, and it is why we are in a position to specially wish you the maintenance of our plant, for which please give your deepest consideration.

(5) If, fortunately, our wish is to be agreed upon by you well sympathised and our plant be cancelled from the list of Reparation-works, how grateful we should be and have no words to express our thanks, and we swear that we go ahead for rebuilding of peace-Japan, not only the increases of product in future.

In conclusion, we repeat our thanks for your kind consideration.

Thanking you in anticipation,

Yours faithfully,

J. Fujii

Chief of Takigawa Industry Co. Ltd.'s Aboshi Labours' Union.

LIAISON OFFICE, HYOGO PREFECTURE

October 4, 1946

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

Subject: Application for Exemption of the Aboshi Plant of the Takigawa Industrial Co., Ltd. from the Objects of Reparations.

Sir,

The Aboshi Plant of the Takigawa Industrial Co., Ltd. was designated as one of the plants to be included in the "Reparations Selections Within Privately Owned Munitions Plants" by the Memorandum AG-387-b (13 Aug., '46) ESS/IN to the Japanese Government.

In connection with the above, we respectfully request you kindly to give your favorable consideration to the circumstances set forth below and to take proper measures to have the plant stricken out of the category:-

1. This plant was established in Oct., 1934, mainly for the purpose of manufacturing plain celluloid and nitrocellulose for paints, and not as an arsenal.

2. In May, 1938, the plant was ordered to manufacture nitro-cellulose for military use by the Tokyo Second Military Arsenal, and since then they have been making it as the factory, basides continuing the main work of manufacturing celluloid.

   This nitrocellulose was sent to the army as it was and was made into ammunitions at the hands of the army, this plant having never been engaged in manufacturing any ammunition by itself.

3. This plant has no connection with any "Zaibatsu" and did not make any particular development in the scale of its enterprise during the war.

4. The plant's present output of plain celluloid covers 12% and that of nitrocellulose for paints 8% of the whole production of Japan; and these products are, like the veneer board, indispensable as the collateral goods for the import of foodstuffs, and as the materials for the general civilian use as well as for the reconstruction of war-sufferers' houses.

5. This plant is situated at a very suitable place to draw the clear water of the Ibo River which is indispensable for the manufacture of these goods.

Yours truly,

Tadao Takano,
Chief of Liaison Office,
Hyogo Prefecture.

Translation

Mitsu-Mura, Ibogun, Hoygo Pref. Sept. 18/46

T. Hirata,
Village Headman,
Mitsu Mura, Ibo Gun,
Hyogo Prefecture.

To Headquarters,
Hyogo Military Government Team,
KOBE

Gentlemen:-

Having learnt that Messrs. Takigawa Industry Co.'s Aboshi works have this time been appointed as one of the reparation works by your goodselves, all of our people in this village including myself are now under great distress, and accordingly we have made several meeting how we do and have at last decided to make this application to be excluded from the list of the reparation works in question, and heartily wish you to kindly give your kind consideration my application.

Reason why we should wish you to be excluded

We have learnt that Takigawa Industry Co. Ltd. of No. 28, Katae cho, Higashinariku, Osaka in Nov. 1933 were trying to find out a suitable place for a branch works under reasons that they thought the importance of export of their manufactures and that their Osaka works is not built on a suitable place in connection with geographical features; just at that time, we were under very nad condition based upon impoverishment of the rural community and considered that a river named Iboriver runs this village is most suitable one for works in the point of quality and quantity as feed water to works. The convenience re. water and rail connection is quite satisfactory and have therefore decided to offer to the Company our village for works. Question of labour is also very important together with reduction of bearing of finance and we have offered our people as labourers and reduced the latter. We must think that the works at our village is really a crystal ofour efforts, in other words, the works is only one in our village of lovethat our people have experienced a labour-pains. Since the Works was established in 1933, almost all of works' employees are ones supplied by our village and therefore the works are very valuable one for us as the work s helped us in the point of finance. Principle condition for keeping the works, especially in working of celluloid, is water, nice and clear water, with plentiful quantity and best quality and also whether the place is convenience in the point of water and rail connection and for these points, there is no short point at all and we expect that the Company will make a great improvements in future. The evil of present Japan in culture is that big firms and works are built near the cities and this point, Takigawa works is full makrs, and ideal one. Should present works is allowed to be maintained as it is, there is a great contribution forthe development of our village, improvement of Japanese culture and recovery of future Japan.

Thanking you in advance,

Yours truly,

T. Hirata, (Signed)

From Aboshi Works,
Takigawa Industry Co. Ltd.
Mitsu Mura, Ibo Gun,
Hyogo Pref.

Mitsu Mura, Sept. 25th, '46

Headquarters,
Hyogo Military Government Team,

KOBE

Gentlemen:-

Application for cancellation of the appointment of reparation-works

We hereby beg respectfully to wish you to kindly consider for the cancellation of our works from the list of reparation-works, in accordance with the actual condition of present Japan.

Allow us to explain you about reason of application and we beg to enclose herewith a detailed specification for your kind investigation.

We need not to say how grateful we should be, if you will kindly give our application your deepest consideration.

Thanking you in anticipation.

Yours very truly,

T. Endo
.....
Managing Director,
Takigawa Industry Co. Ltd.

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

1

Details of application for cancellation of the appointment of reparation-works

(A) Name of Company:- Takigawa Industry Co. Ltd.

(B) " " Plant:- Aboshi Plant of Takigawa Industry Co. Ltd.

(C) The seat of the Company and Plant:-

(a) The seat of the Company:- No. 8, 8 chome, Shin-imazato-cho, Ikuno-ku, Osaka

(b) " " " " Plant:- No. 1455, Kariya, Mit-su mura, Ibo Gun, Hyogo Prefecture.

(D) Date of establishment of the Company and date of the start of operation of the Plant:-

(a) Date of establishment of the Company:- April 1921

(b) " " start of operation of the Plant:-
Osaka Plant,- April 1921
Aboshi Plant,- August 1935

(E) History of working

(1) In April 1921, at No.28, Katae cho, Higashinariku, Osaka, started the manufacture of Plain Celluloid.

(2) Osaka Plant having various troubles such as, houses are too closely crowded in that neighbouring place, deflation of gas, bad influence of fire given to the around of our plant and inferior quality of water have been pressed to the necessity to remove to some other place, and therefore the Company have established a branch plant at Mitsu mura, Ibogun, Hyogo Pref. in October 1934.

(3) In May 1938, the Company have been appointed to manufacture Nitrocellulose for Military use by No. 2 Military Arsenal of Tokyo and Aboshi Plant have started to manufacture it while manufacturing Celluloid.

(4) Aboshi plant have also started to manufacture Ply-Wood and Veneer Sheet with their temporary equipments in August 1944.

(5) After the war, Aboshi Plant have concentrated their efforts to the manufactures of Plain Celluloid, Nitrocellulose(not for Military use ofcourse) and Veneer-Sheets for building purpose, which are our main occupation.

Re. above (3) Provided that the said Nitrocellulose is not Gunpowder and we have only made the Nitrocellulose and have delivered the Arsenal, as it is. In other words, we did not manufacture the Gunpowder and also did not deliver same.

(F) Names and quantity of productions during from 1930 to 1936

1930	1931	1932	1933	1934	1935	1936	
0	0	0	0	0	210Tons	930 Tons	Plain Celluloid

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sheet 2

(G) Names and quantity of productions during from 1937 to 1945

	1937	1938	1939	1940	1941	1942	1943	1944	1945	
Plain Celluloid	1119	728	1011	994	755	393	277	226	104	tons
xx For Military Use, Nitrocellulose	0	18	514	333	413	637	600	551	220	tons
For high Viscosity do	0	2	32	68	28	29	39	6	0	tons
Ply-wood	0	0	0	0	0	0	0	34	72	cbm
Veneer	0	0	0	0	0	0	0	0	33,371	sqm

(H) Names and quantity of productions after the war

(a)

		Plain Celluloid	Veneer sheet
August	1945	0	0
September	"	0	0
October	"	0	0
November	"	0	0
December	"	3.7 tons	0
January	1946	0	0
February	"	0	0
March	"	3.3 tons	0
April	"	16.6 "	0
May	"	18.7 "	1683 sqm
June	"	21 "	1980 "
July	"	32.1 "	2475 "
August	"	31.6 "	4125 "

(b) The mark of future production, per month

Plain Celluloid	60 tons
Nitrocellulose(low viscosity)	6 tons
Veneer for builling	7,000 sqm

(c) Order, accepted, on hand

Plain Celluloid	56½ tons
Nitrocellulose	15 tons

(I) Outline of principal equipments

(a)

Paper Cutting Room	:Paper Cutting Machine	2
Nitration Room	:Hyatt Nitration "	2
Washing Room	:Boiling Bat	6
	:Autoclave	3
	:Washing Bat	9

These are for making Plain Celluloid, Nitrocellulose and (same for Military use during the war only) in common.

Camphor Caking Room	:Camphor Mixer	2
	:Alcohol Round Press	1
	:Large Size Press	1
	:Middle Size Press	7
Kneading Room	:Kneading Machine	2
	:Filter	2
	:Waste Celluloid Pan	5

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(I) <u>Outline of principal equipment(cont.)</u>

(a) <u>continued</u>

xxxxxxxxxxxxxx

Rolling Room	:Roll	9
Pressing Room	:Press	4
Cutting Room	:Planer	5
Drying Room	:Drying Apparatus	1
do	: do	1
Steam Vaporing Room	:Steam Vaporing Machine	1
Dressing Room	:Dressing Machine	1
Alcohol Distillation Room	:Alcohol Distillator	2
" Recovering "	: " Recovering M/c	1
Drying Room	:Drying Apparatus	1

These are to be used for making only Plain Celluloid.

Veneering Room	:Veneer Pressing Machine	1
	:Starching "	1
	:Cutting "	3
Ply-wood Room	:10 Meter Press	1
	:Cutting Machine	2

These are to be used for making wood working manufactures

<u>Auxiliary equipment</u>

Boiler Room	:Lancashire Boiler	2
	:Babcock and Wilcox "	1
	:High Pressure Pump	1
	:Low Pressure Pump	1
Transformer Room	:Transformer	5

(b) Machines and equipments became unnecessary for the manufactures of peace productions in future:-
(<u>Equipment for purification of Nitrocellulose for Military use in purification room</u>)

<u>Explanation</u> :- <u>Please refer to attached drawing; part marked with red diagonal line</u>;- These were burnt down by fire taken place there at 11.am 20th April 1946 from the waste of Nitrocellulose, accidentally.

(J) <u>Ratio of our production and same of whole country in Japan in quantity, per month.</u>

Names of production	Quantity in whole country	Quantity of our works	Ratio
Plain Celluloid	500 tons	60 tons	12%
Nitrocellulose (low viscosity)	80 tons	6 tons	8%
Veneer	unknown	7,000 sqm	

(K) <u>The reason why our works should be maintained:-</u>

(1) <u>The financial Group</u>. Our Company have no connection at all with this group(Zaibatsu) in the system of capital but with capital of various class of Japanese people which are not distantly related to the <u>financial group</u>.

(K) continued:-

(2) Expansion by the war. Aboshi works have been built during 1934 and 1935 and started in September 1935 and since constantly pushed for the manufacture of plain celluloid and Nitrocellulose as subject, but the works did not expand specially during the war.

(3) Very important manufacture for recovering Japan.

(a) Plain Celluloid: This is return-goods towards import of food from America. A lso very necessary thing for peace-Japan. It is therefore not to be dispensed with for rebuilding of cultural-Japan.
(b) Nitrocellulose for paints: This is also useful thing for recovery of damage by the war and also at present a greater part of it should be kept as a material for paints for the use of Allied Military forces.
(c) Veneer for building: This is also very important building material for recovery of Japan.

(4) Export purpose: Plain celluloid which is our main production, before the war, has occupied most important situation among those of various export goods from Japan in the points of both quality and quantity in connection with the fact that its raw material could easily be obtained in Japan . Ofcourse after the war, it should be same as before as very important export goods and it is to be believed that it will carry out the allotment of duties for rebuilding of cultural-Japan, without doubt.

(5) Shortage in stock in Japan. Plain celluloid, Nitrocellulose as well as veneer sheets which are our main manufactures are at present shortage in quantity in Japan, in war-damaged Japan, and we are naturally in a position to increase our production rapidly in future, we believe.

(6) Appointment as one of makers of necessaries of life. After the war, in defiance of all difficulties, we have gone ahead for increasing our products, concentrating our efforts to the manufacture of Plain Celluloid, and Nitrocellulose which are our main production and so we have been appointed by the Governor of Hyogo Prefecture to be one of important makers of necessaries of life since June 1st 1946. Therefore very heavy mission has been charged to our employees who are now deeply realizing their own situation. Naturally their thirst for a big production is really high and with cooperation, each other, of employers and employees, we are doing our very best for the purpose.

(7) Water. First condition for building of plant for making Plain Celluloid and Nitrocellulose for paints is really to obtain very nice quality of water and also plentiful quantity of same as feed water to be supplied to the plant and, in these points, fortunately our plant is situated at very favourable place ,near a river named Ibo river, from which we are getting first class

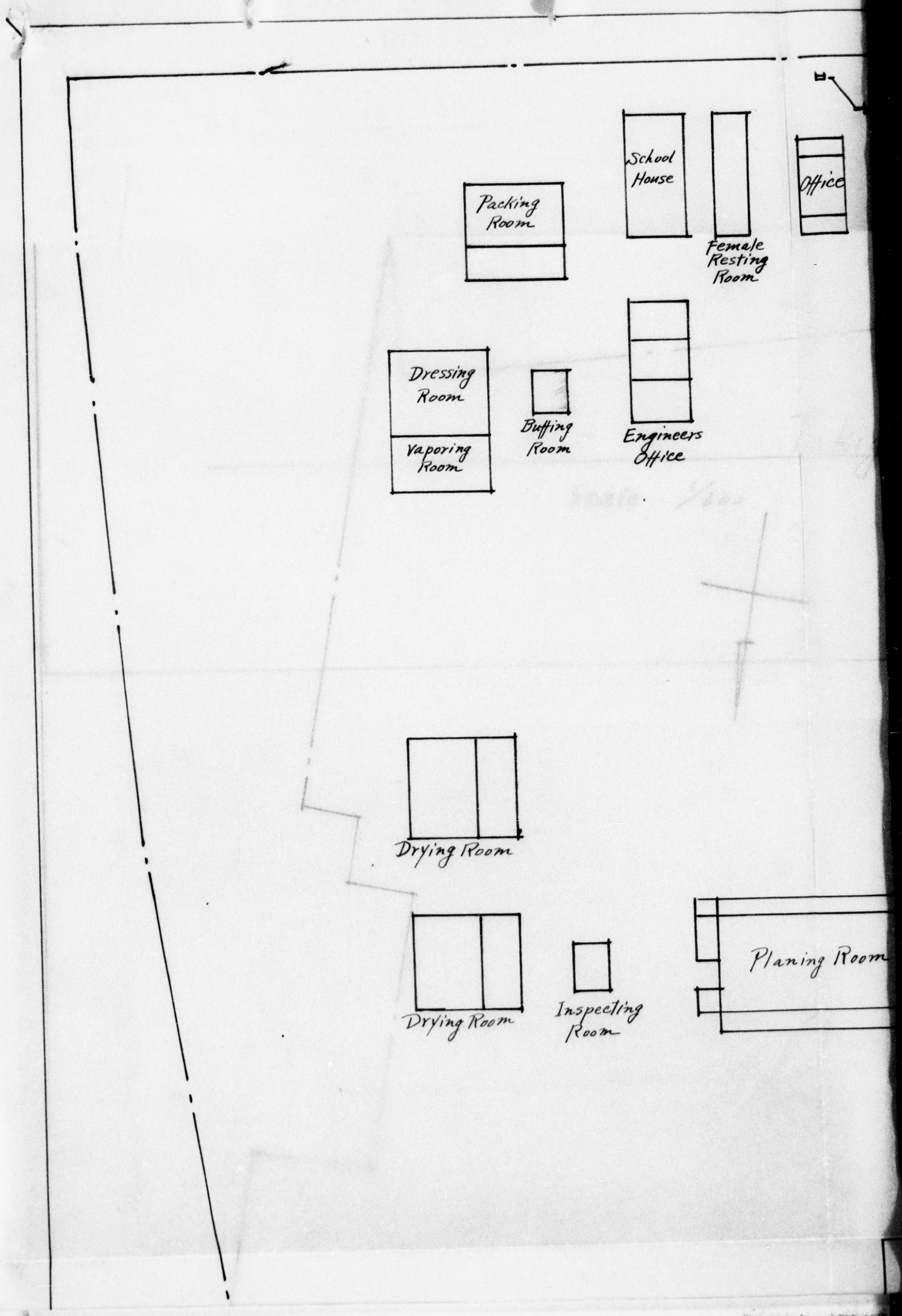
(K) continued:-

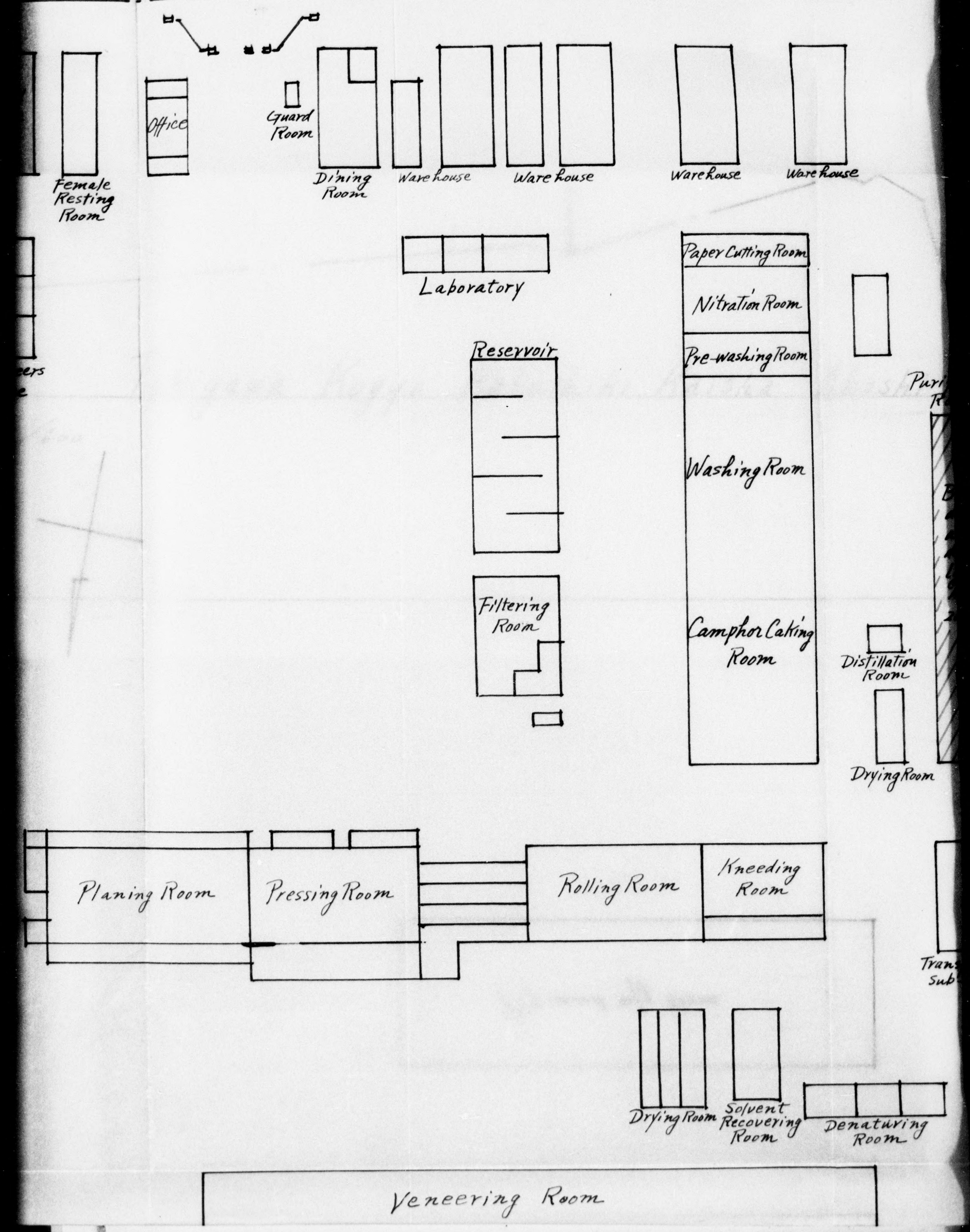
(7) cont.:-
good water of a big quantity, and also the around of our plant is very wide and there are no short points at all as plant.

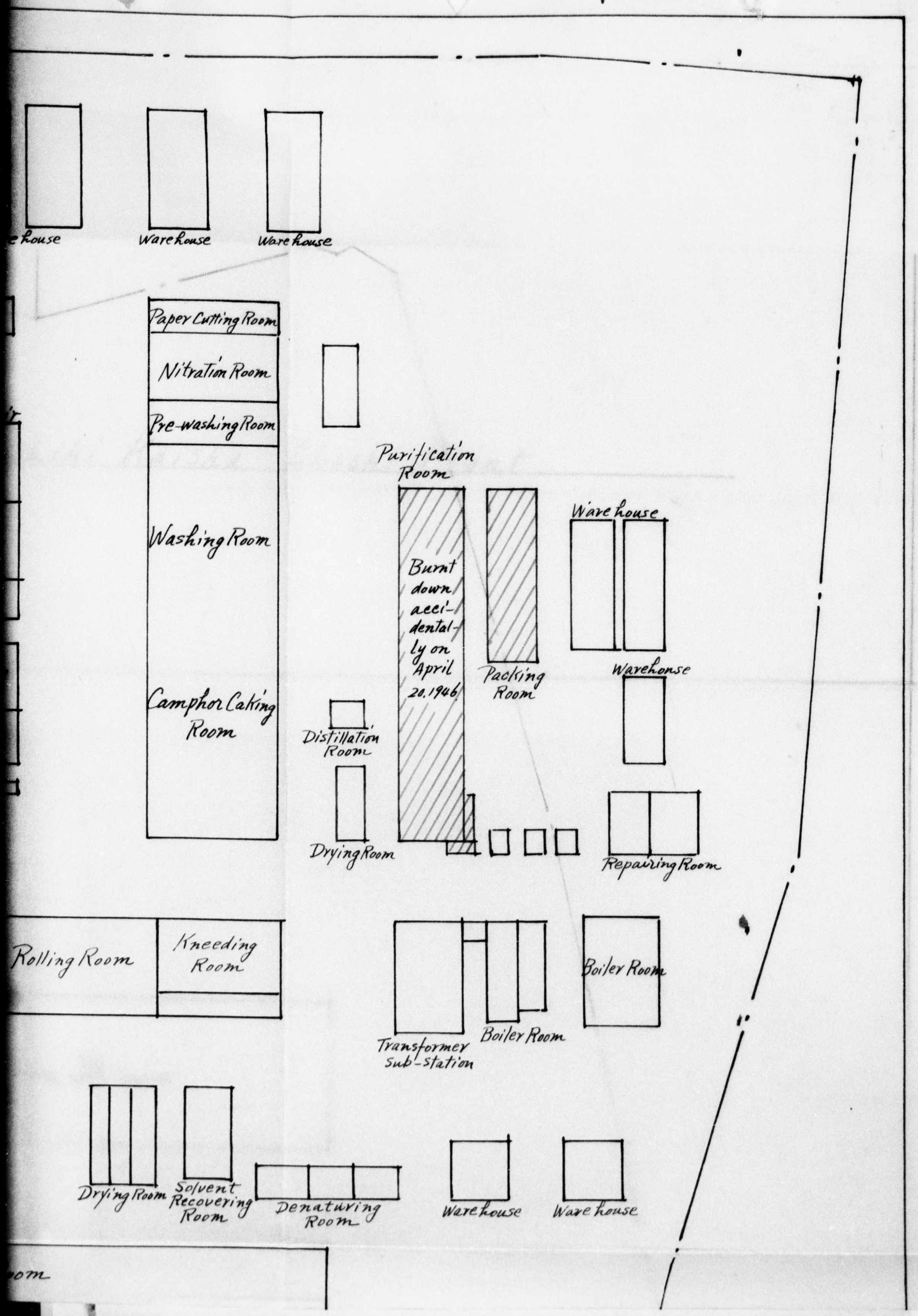
(8) Repairs to plant and its equipment.
Considerable length of time has already passed since we have established our plant and therefore our plant and equipments have been visited by much corrosions at present everywhere and moreover due to the shortage of repairing materials, we could not give any repairs to them. There is, therefore remarkable injuries in every part, and unless they are suitably repaired at present position , it will be impossible that they will demonstrate their original functions, we think.

(9) Position in Celluloid makers. As regards our production and capacity of Plain Celluloid, we are occupying 2nd position as makers in Japan. We have also a firm belief in the point of quality according to the actual results in the past and also as export goods.

END


Packing Room
School House
Female Resting Room
Office
Dressing Room
Vaporing Room
Buffing Room
Engineers Office
Drying Room
Drying Room
Inspecting Room
Planing Room


Female Resting Room
Office
Guard Room
Dining Room
Warehouse
Warehouse
Warehouse
Warehouse
Laboratory
Reservoir
Filtering Room
Paper Cutting Room
Nitration Room
Pre-washing Room
Washing Room
Camphor Caking Room
Distillation Room
Drying Room
Planing Room
Pressing Room
Rolling Room
Kneeding Room
Drying Room
Solvent Recovering Room
Denaturing Room
Veneering Room


e house
Warehouse
Warehouse
Paper Cutting Room
Nitration Room
Pre-washing Room
Washing Room
Camphor Caking Room
Purification Room
Burnt down accidentally on April 20.1946
Packing Room
Warehouse
Warehouse
Distillation Room
Drying Room
Repairing Room
Rolling Room
Kneeding Room
Transformer Sub-Station
Boiler Room
Boiler Room
Drying Room
Solvent Recovering Room
Denaturing Room
Warehouse
Warehouse
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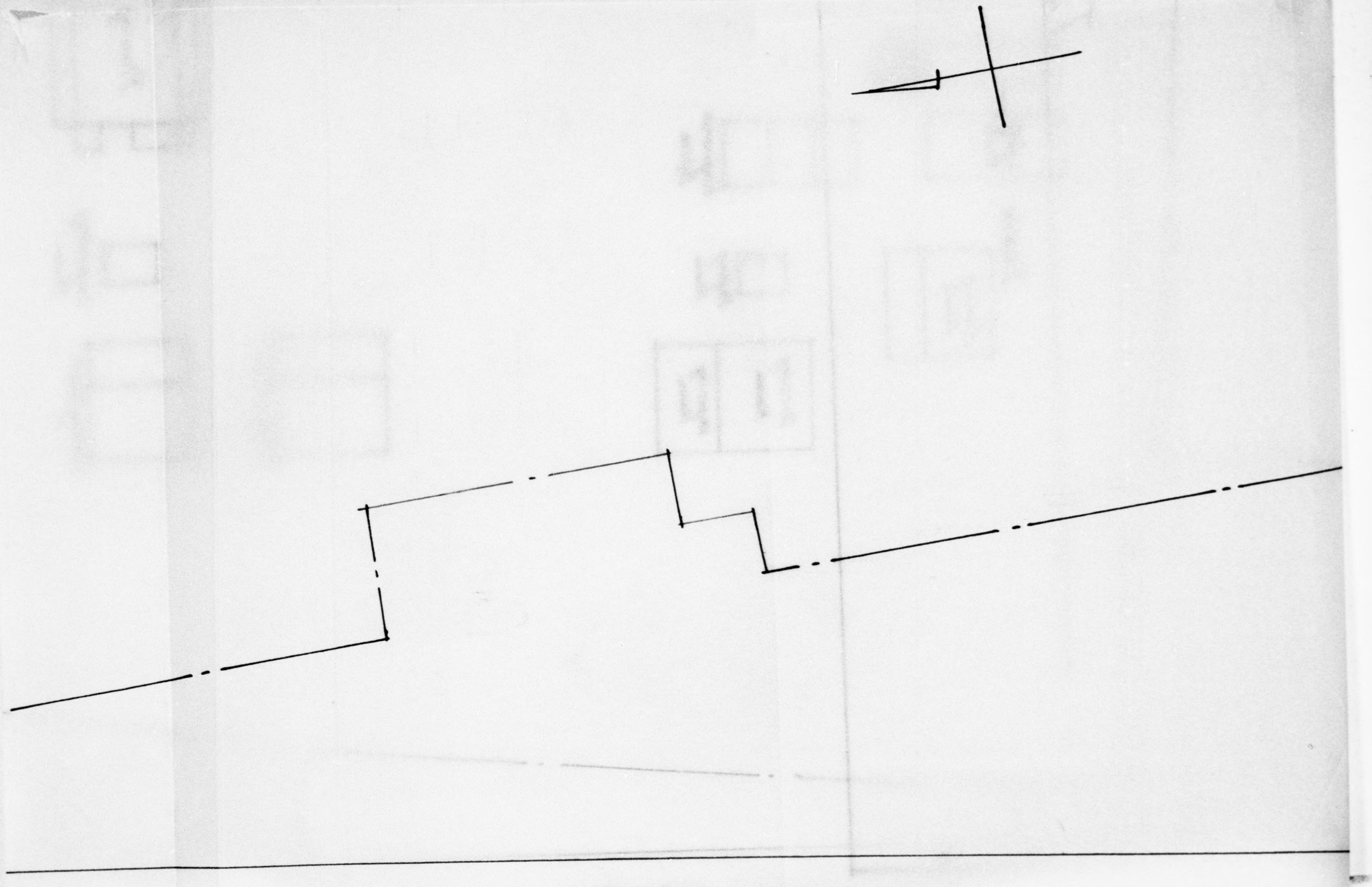
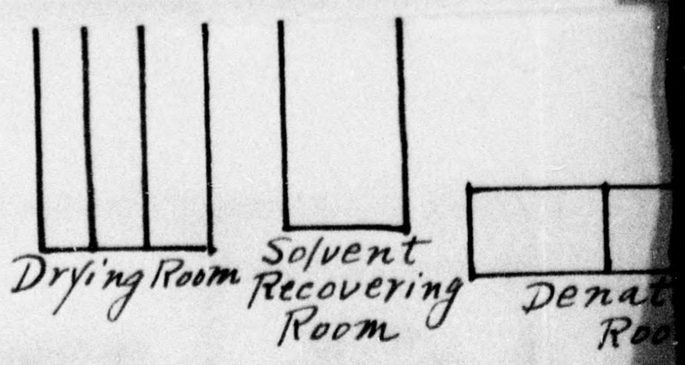
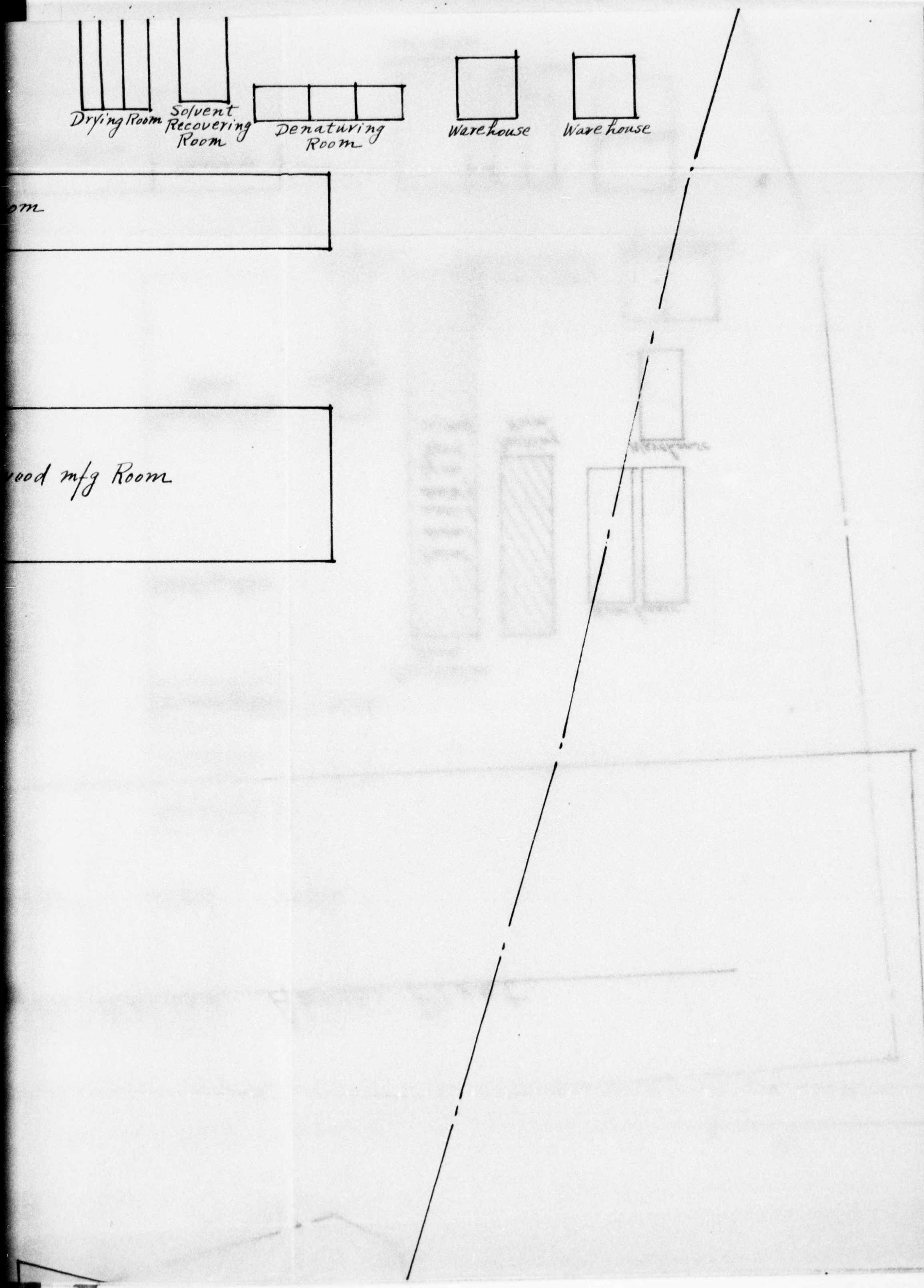




Veneering Room

Ply-wood mfg Room


Drying Room
Solvent Recovering Room
Denaturing Room
Warehouse
Warehouse
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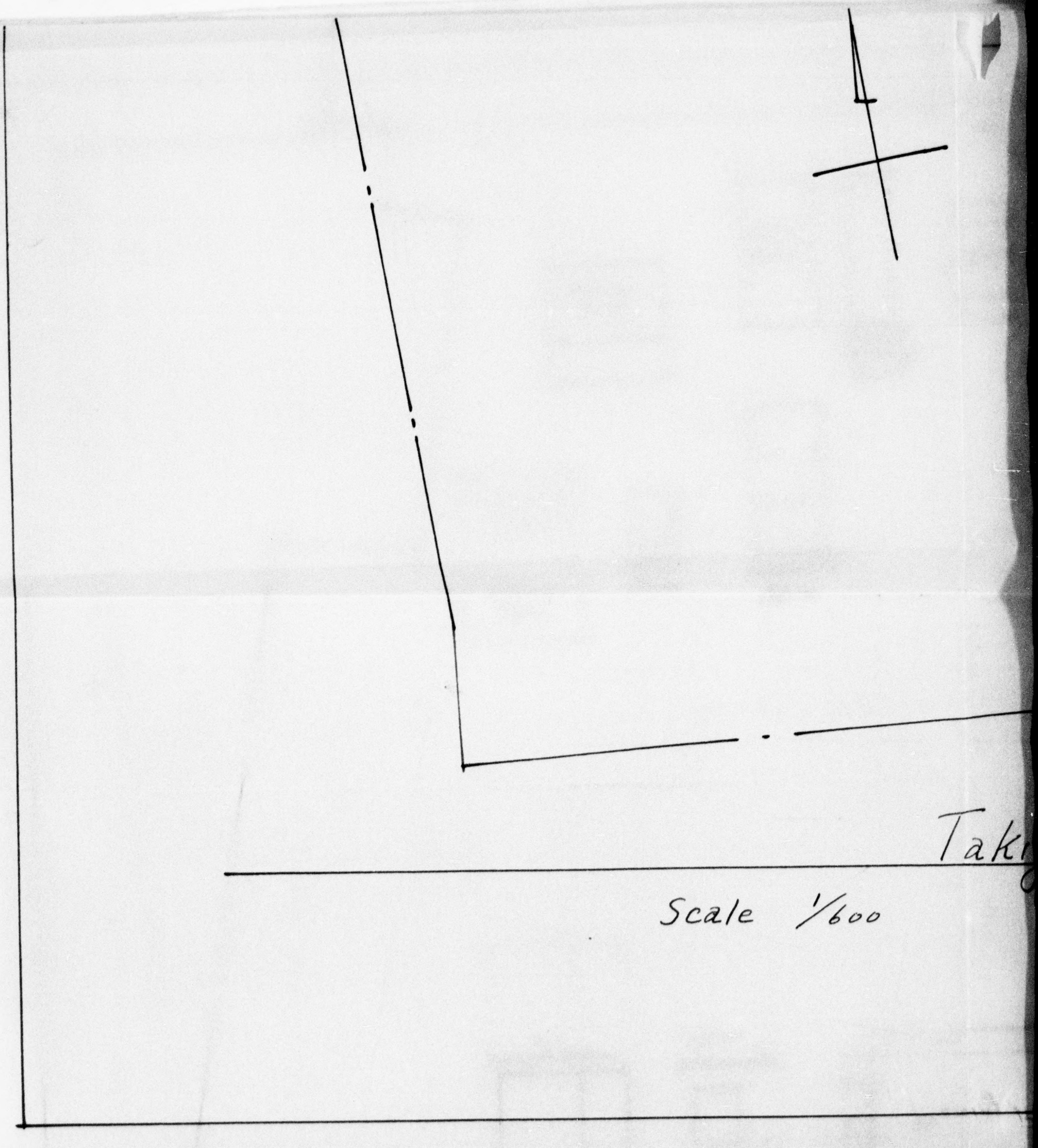
ood mfg Room


Taki
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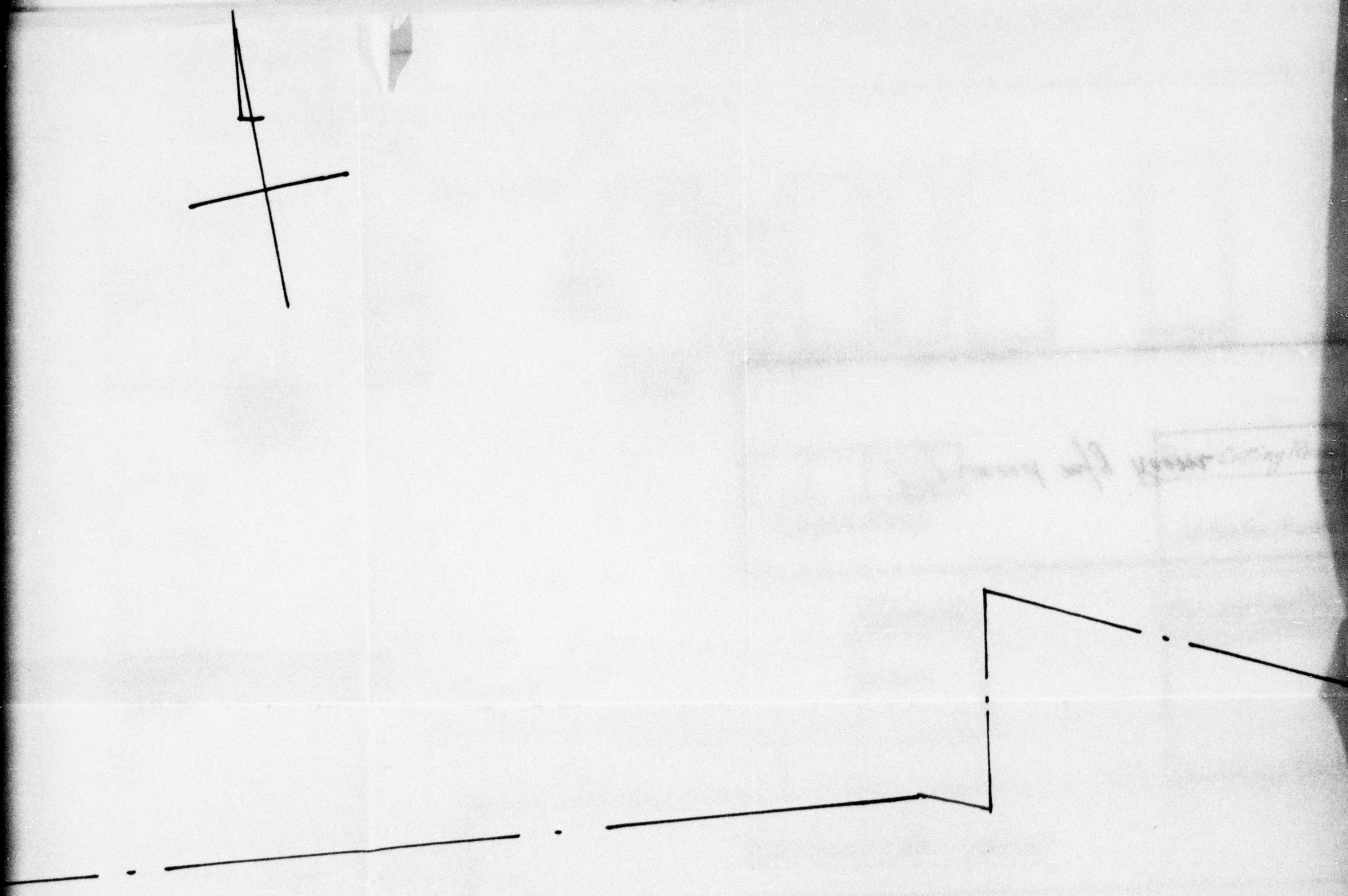
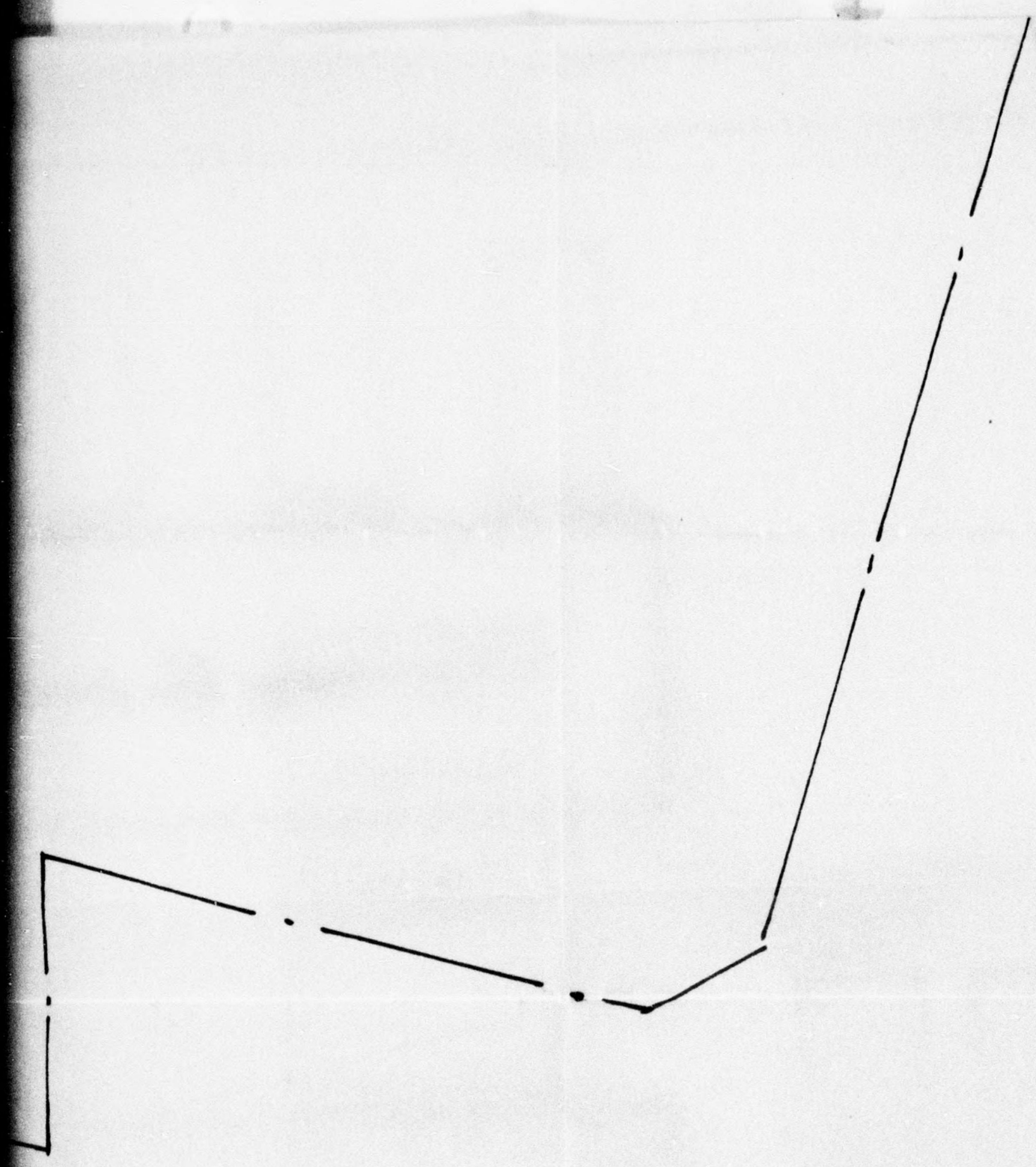


Takigawa Kogyo Kabushiki Kaisha.

Scale 1/600



shiki Kaisha. Aboshi Plant.

F I L E

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

THD/dl

29 August 1946

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

TO : Takigawa Kogyo Company, K. K.,
Ozu-mura
Hyogo Ken.

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

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

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

PETER W. SCOTT
Lt Col Inf
Commanding