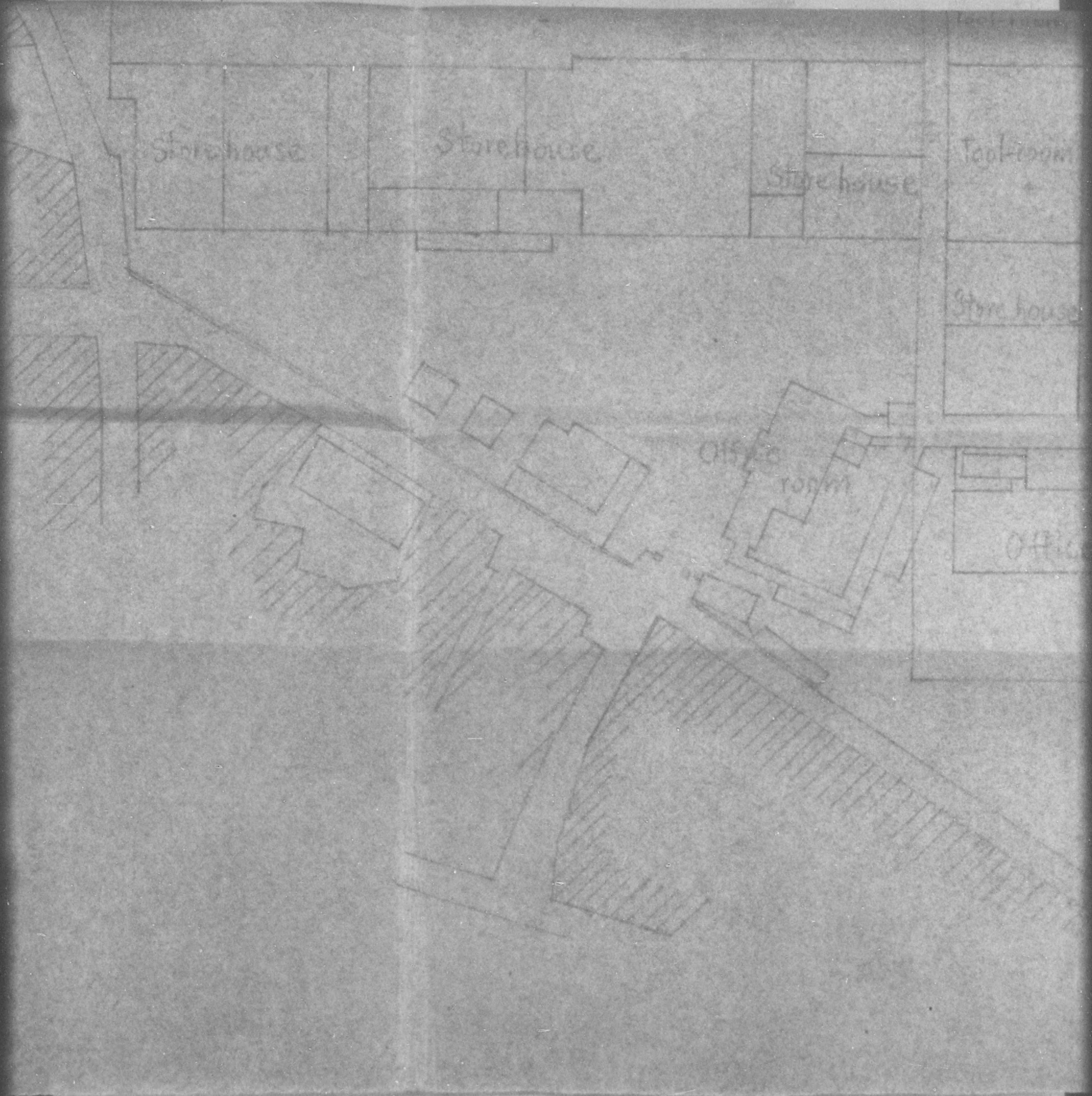
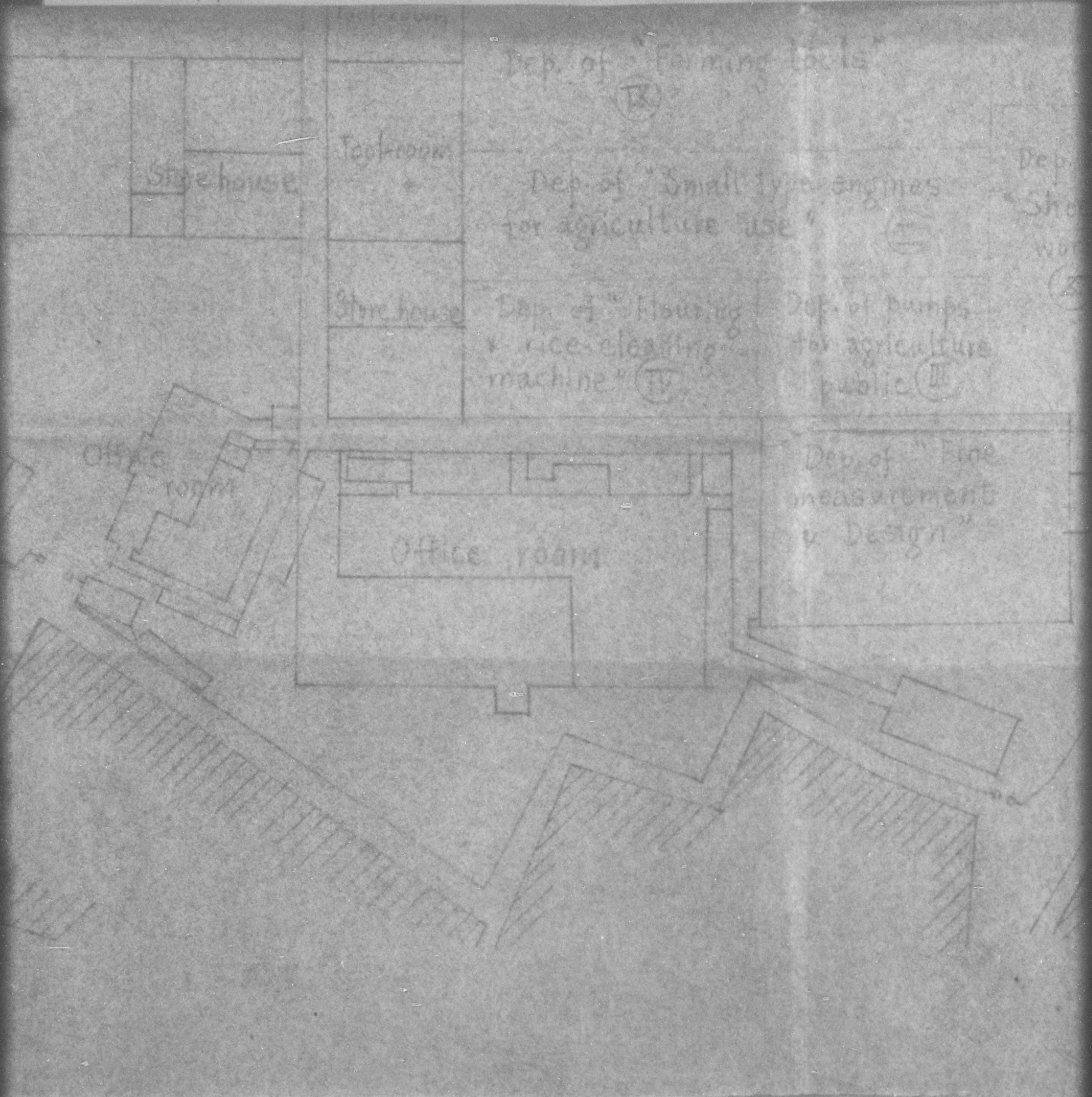


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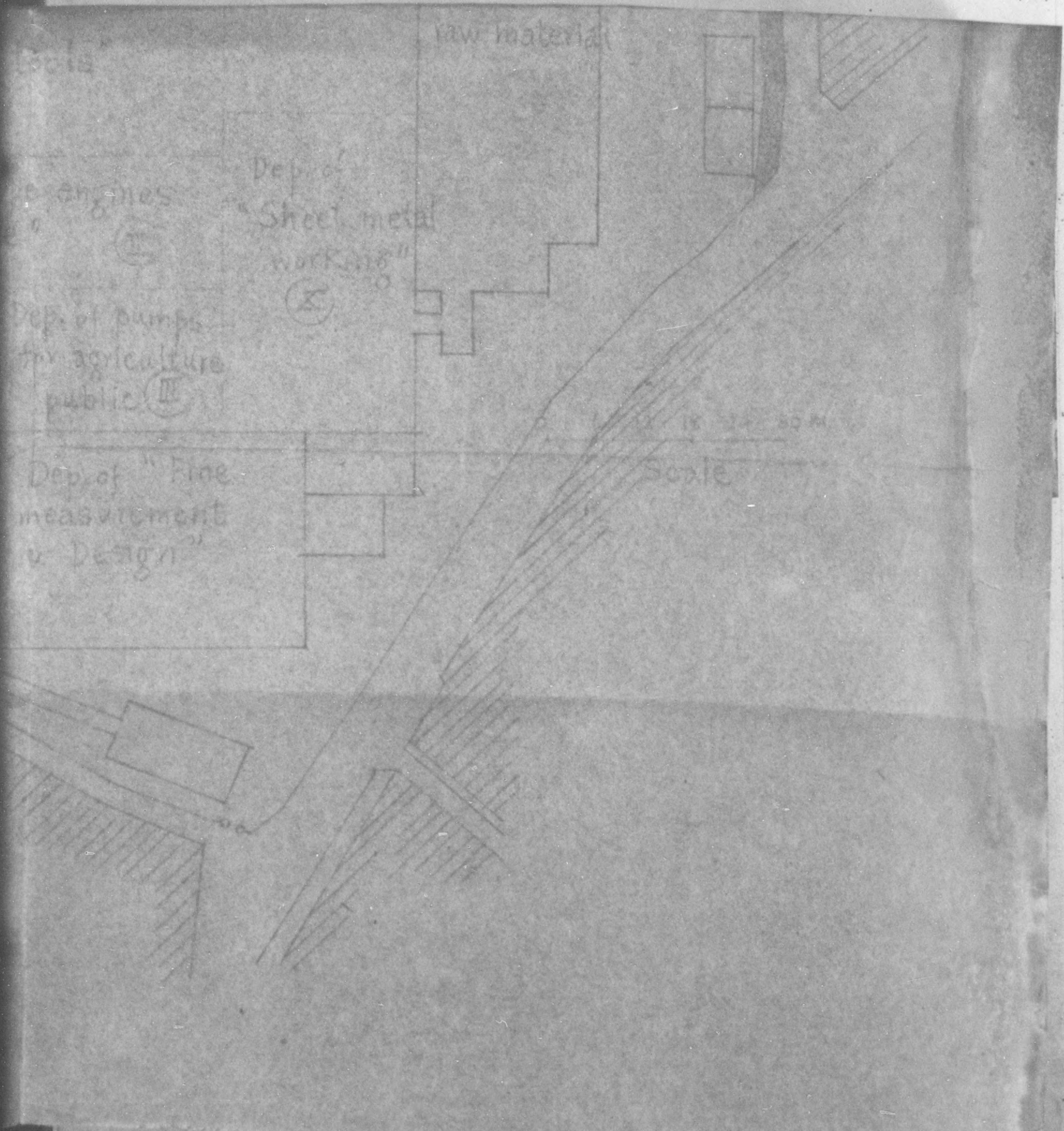




775 013









The table of Construct

- |          |                                |         |                             |
|----------|--------------------------------|---------|-----------------------------|
| A.:      | Acetylene gas producer.        | C.L.:   | Crank-shaft lathe.          |
| A.H.:    | Air hammer.                    | C.M.:   | Cutting machine.            |
| A.L.:    | Automatic lathe.               | Cp.:    | Cupola.                     |
| A.O.F.:  | Anti-Oxide furnace.            | C.S.:   | Circular saw.               |
| A.P.:    | Arbor press.                   | C.P.:   | Crank press.                |
| A.W.P.:  | Automatic wood planer.         | C.M.:   | Cutter milling machine.     |
| B.:      | Belt.                          | Co.M.:  | Coppy milling machine.      |
| B.D.:    | Batch drilling machine.        | C.R.M.: | Corner-rounding machine.    |
| B.F.:    | Buffing machine.               | C.S.M.: | Circular shearing machine.  |
| B.F.:    | Batch firing machine.          | C.M.:   | Centering machine.          |
| B.G.:    | Band grinding machine.         | C.P.G.: | Crank-pin grinding machine. |
| B.G.G.:  | Bevel gear grinding machine.   | D.:     | Duster.                     |
| B.G.L.:  | Bevel gear lapping machine.    | D.F.M.: | Drying furnace machine.     |
| B.G.Ge.: | Bevel gear generating machine. | D.Ge.:  | D.C. generator.             |
| B.M.:    | Bending machine.               | D.M.:   | Soldering machine.          |
| B.M.:    | Broaching machine.             | D.M.:   | Dehydration machine.        |
| B.S.:    | Band saw.                      | E.:     | Enameled permeator.         |
| B.S.S.:  | Band saw checker.              | E.F.:   | Electric furnace.           |
| C.:      | Air compressor.                | E.G.:   | Tool (or file) grinder.     |
| C.G.M.:  | Cam grinding machine.          | E.M.:   | Engraving machine.          |
| C.M.:    | Cylindrical grinding machine.  | E.P.G.: | Tool post grinder.          |
| C.M.:    | Caster grinder.                | E.W.:   | Electric welding machine.   |
| C.M.:    | Centerless grinding machine.   | E.P.:   | Eccentric press.            |



Table of Construction

No. 1

- |                                   |   |
|-----------------------------------|---|
| C.L.: Crank-shaft lathe.          | F.B.M.: Fine boring machine.            |
| C.M.: Cutting machine.            | F.P.: Friction press.                   |
| C.P.: Capola.                     | F.G.: Flexible grinder.                 |
| C.S.: Circular saw.               |   |
| C.P.: Crank press.                | G.: Generator.                          |
| C.M.: Cutter milling machine.     | G.G.: motor generator.                  |
| C.M.: Copying milling machine.    | G.F.: gas furnace.                      |
| C.M.: Corner-rounding machine.    | G.G.M.: gear grinding machine.          |
| C.M.: Circular shearing machine.  | G.H.M.: gear hardening machine.         |
| C.M.: Centering machine.          | G.L.: gap lathe.                        |
| C.G.: Crank-pin grinding machine. | G.S.M.: gear shaping machine.           |
|                                   |   |
| D.: Duster.                       | H.B.M.: Horizontal boring machine.      |
| D.M.: Drying furnace machine.     | H.M.: Honing machine.                   |
| D.G.: D.C. generator.             | H.M.M.: Horizontal milling machine.     |
| D.M.: Drilling machine.           | H.M.M.: Hobbing machine.                |
| D.M.: Drydraction machine.        | H.F.Q.: High frequency quartz unit.     |
|                                   | H.P.: Hydraulic press.                  |
| E.: Enamel permeator.             | H.P.: Hand press.                       |
| E.F.: Electric furnace.           | H.S.: Hook saw.                         |
| E.G.: Tool (or bits) grinder.     |   |
| E.M.: Engraving machine.          | I.: Injector.                           |
| E.P.: Tool post grinder.          | I.G.: Internal grinding machine.        |
| E.W.: Electric welding machine.   | I.G.G.: Internal gear grinding machine. |
| E.P.: Eccentric press.            |   |



The Table of Construction

- |  |                                     |
|--|-------------------------------------|
| J.B: Jigg boring machine.              | P.M: polishing machine.             |
| L: Lathes.                             | P.M.M: Plain milling machine.       |
| L.M: Lapping machine.                  | P.G.M: Plain grinding machine.      |
| L.S: Lever shearing machine.           | P.P: motor press.                   |
| M.D.M: multi-spindle drilling machine. | P.R.L: Piston-ring lapping machine. |
| M.L: multi-cut lathe.                  | R.B: Roots blower.                  |
| M.L.G: milling cutter grinder.         | R.D: Radial drilling machine.       |
| M.M: moulding machine.                 | R: Reaming machine.                 |
| N.M: Repeeling machine.                | Rc: Rectifier.                      |
| N.F: Nitriding furnace.                | R.L: Relieving machine.             |
| N.M: Milling machine.                  | R.M: Rivetting machine.             |
| O.C: oil cooler.                       | R.T: Recover tank.                  |
| O.F: oil furnace.                      | S: Slitting machine.                |
| O.G: oil grinder.                      | S.B: Sand blast.                    |
| O.S: oil separator.                    | S.C: Sand crusher.                  |
| O.P.H: optical dressing head.          | S.B: Salt bath.                     |
| P.B: Pipe bending machine.             | S.M: Sawing machine.                |
| P: Press & punching machine.           | S.G: Surface grinding machine.      |
| P.L: Planer.                           | S: Shaping machine.                 |
| P.S: plotting equipment.               | S.G.A: Snap gang grinder.           |
| P.G: Portable grinder.                 | S.M: Shading machine.               |
|  | S.M: Sand mixture.                  |
|  | S.H.L: Spline hobbing machine.      |
|  | S.L: Surface lathe.                 |
|  | S.M.C: Sheet metal mill.            |



List of Construction No. 2

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| P.M: polishing machine.           | S.M.R: sheet metal roll.           |
| P.M.M: Plain milling machine.     | S.P: Screw Press.                  |
| P.G.M: Plain grinding machine.    | S.S.M: Saw setting machine.        |
| P.P: motor press.                 | S.S: Square shearing machine.      |
| P.R.L: Piston ring lapper.        | S.S.M: Sheet scraping machine.     |
| R.B: Roots blower.                | T: Triclone washing unit.          |
| R.D: Radial drilling machine.     | Tn: Throating machine.             |
| R: Reaming machine.               | T.G: Thread grinder.               |
| Re: Rectifier.                    | T.M: Topping machine.              |
| R.L: Relining machine.            | T.L: Thread cutting lathe.         |
| R.M: Rivetting machine.           | T.G: Twist drill grinding machine. |
| R.T: Receiver tank.               | T.M: Thread miller machine.        |
| S: Slitting machine.              | T: Twist lathe.                    |
| S.B: Sand heat.                   | T.P: Turbine pump.                 |
| S.C: Sand crusher.                | U.M: Universal milling machine.    |
| S.B: Salt bath.                   | U.G: " grinding "                  |
| S.M: Sawing machine.              | U.F.B: " forming head.             |
| S.G: Surface grinding machine.    | S.L.G: " tool grinder.             |
| S: Shaping machine.               | V.L: Vertical lathe.               |
| S.G: Snap gauge grinding machine. | V.M: " milling machine.            |
| S.M: Shearing machine.            | W: Wiping cloth.                   |
| S.M: Sand mixture.                | W.L: word lathe.                   |
| S.M: Splines boring machine.      | W.M: " milling machine.            |
| S.L: Surface lathe.               |                                    |
| S.M: Sheet metal bending machine. |                                    |



Index

- I : Repairs and manufacture of parts of spinning machines. X : Reports
- II : Manufacture and Repairs of Engine for Agricultural use.  : Article ex A
- III : Manufacture and Repairs of pumps for Agriculture and Public works.  : Article Fibre use
- IV : Manufacturing of Flouring machine, Rice cleaning machine etc.  : Arrou des
- V : Manufacturing Automobile Engine parts.
- VI : Repairs of Motorcars and Trucks.
- VII : Heat treating and plating.
- VIII : Casting and Forging.
- IX : Manufacture of forming tools.

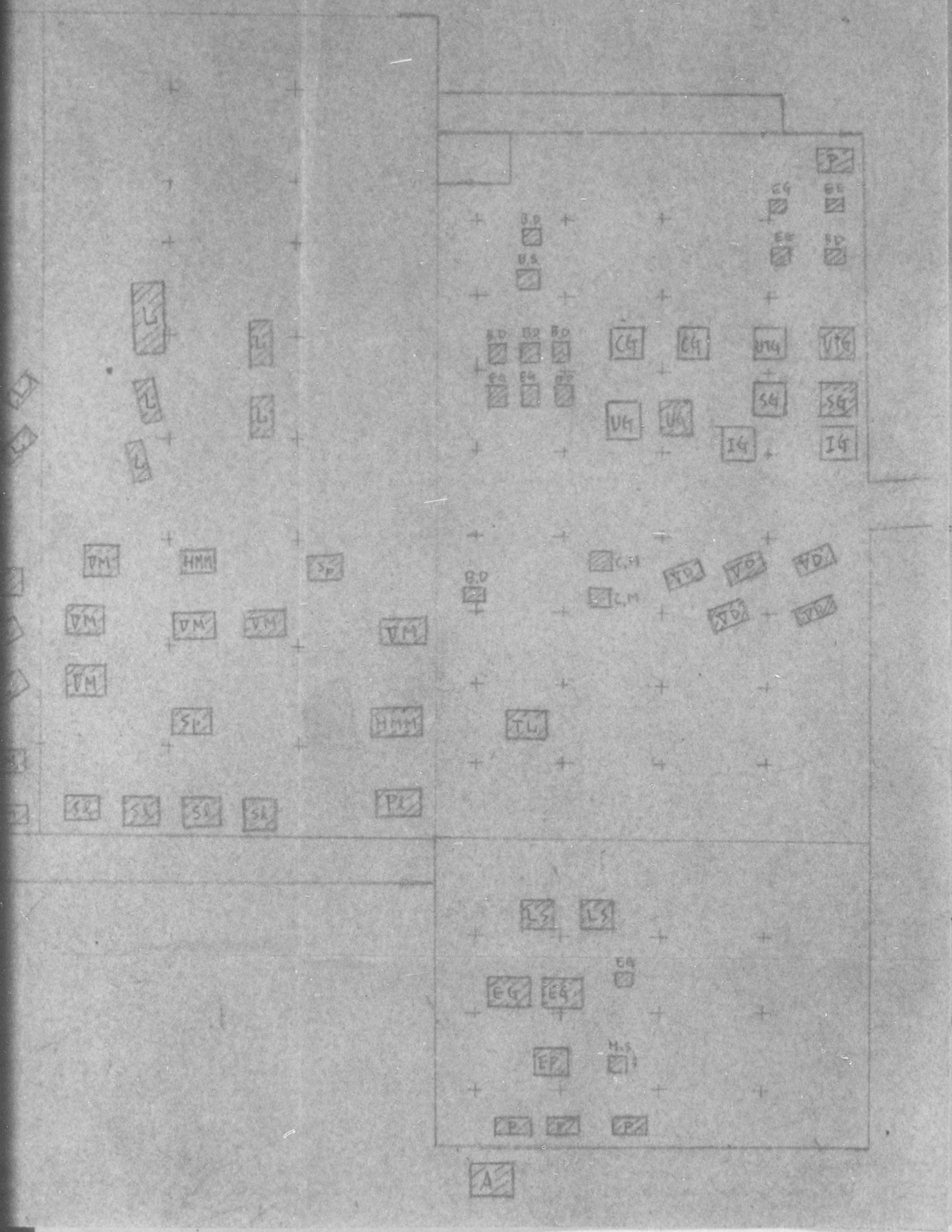


# Index

- Manufacture of parts of  : Department of Sheet metal.
- Repairs of engine  : Articles which belong to ex Aero Aersenal.
- Repairs of pumps  : Articles which belong to Fabrice factory and soon we will use it.
- Public works  : Arrangement which we desire to use it in future.
- Flouring machine  : Arrangement which we desire to use it in future.
- Automobile Engine
- Scale 1/200
- Motorcars and Trucks.
- and printing.
- Forging.
- Forming tools.



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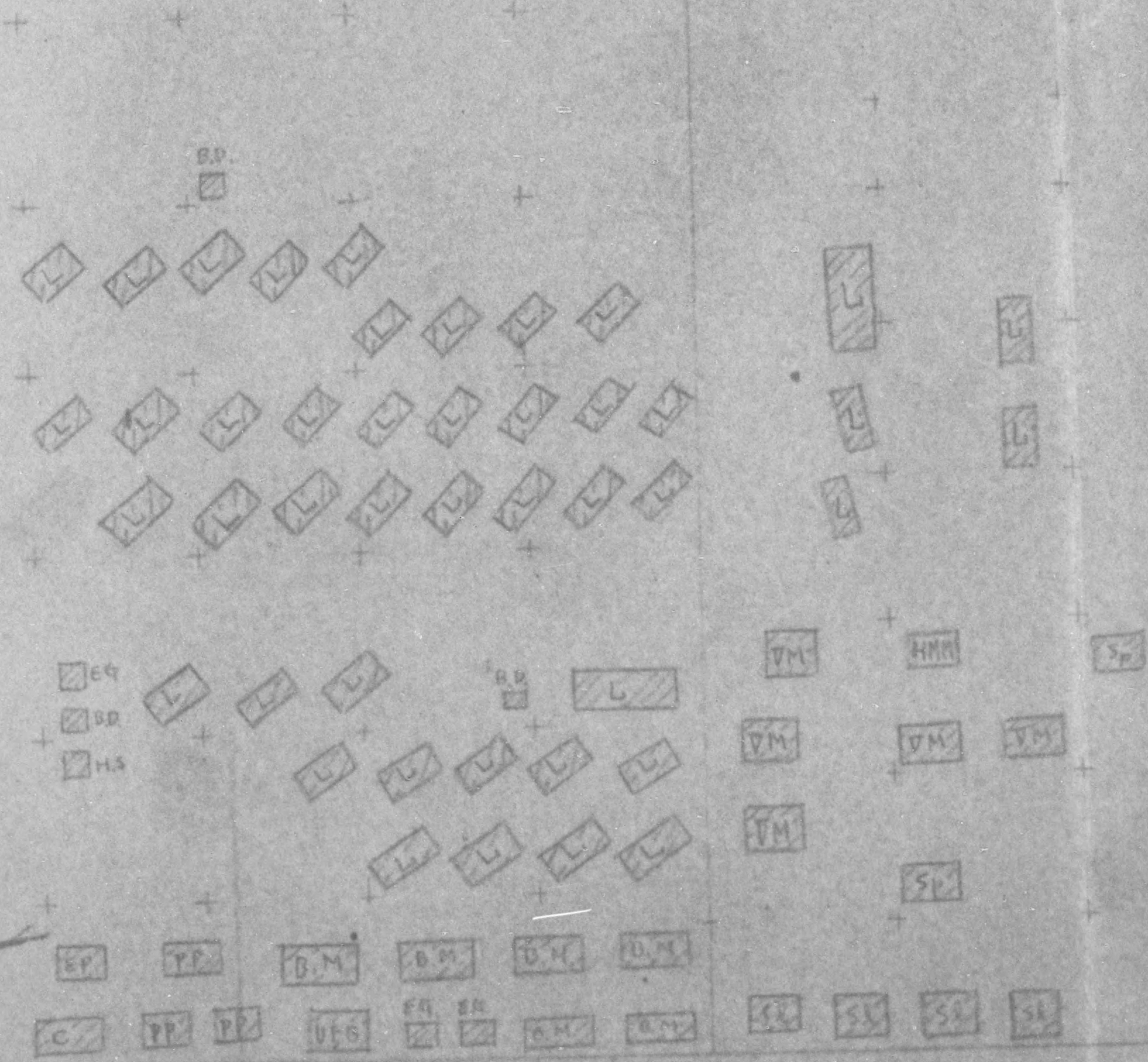




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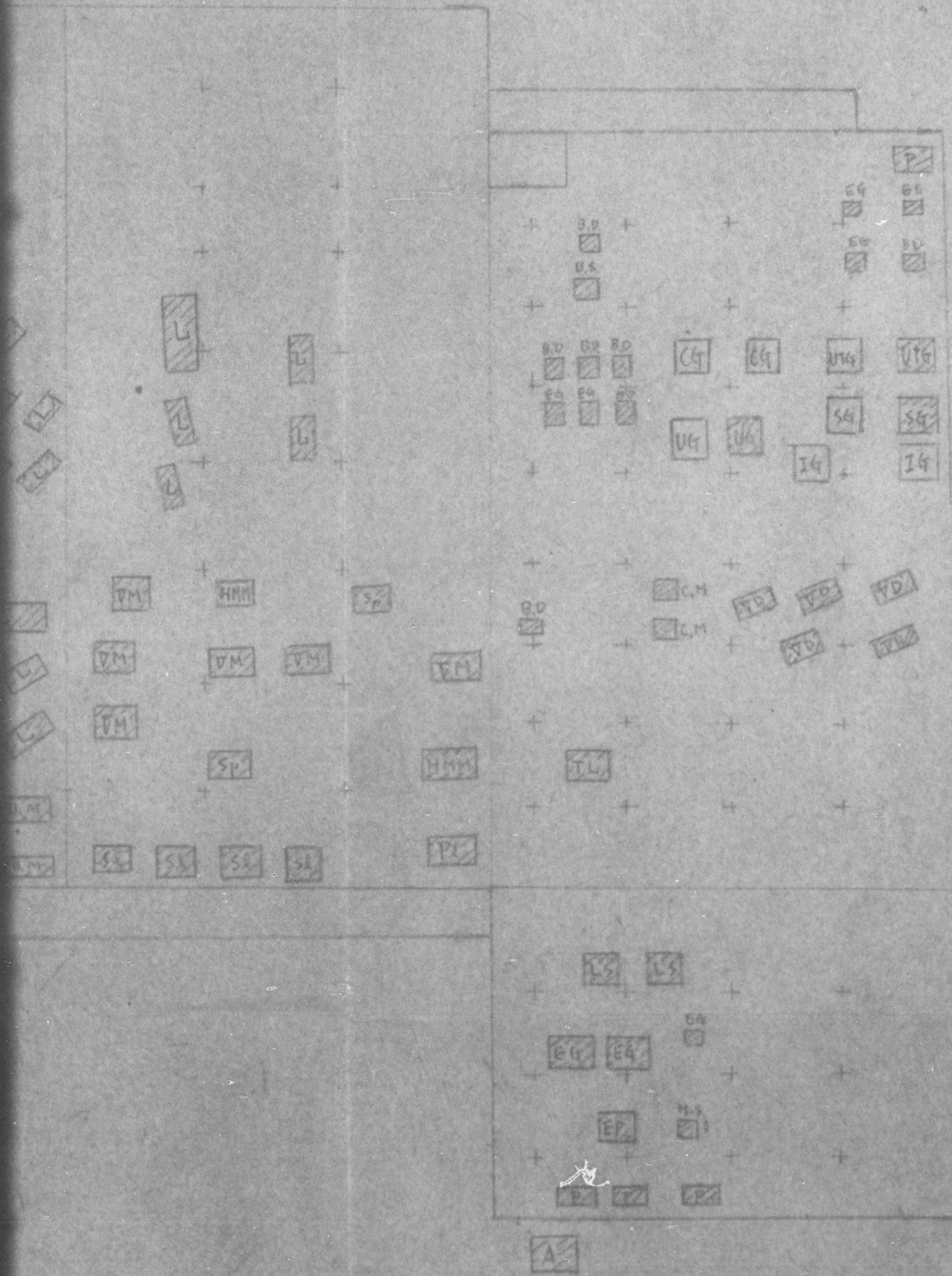
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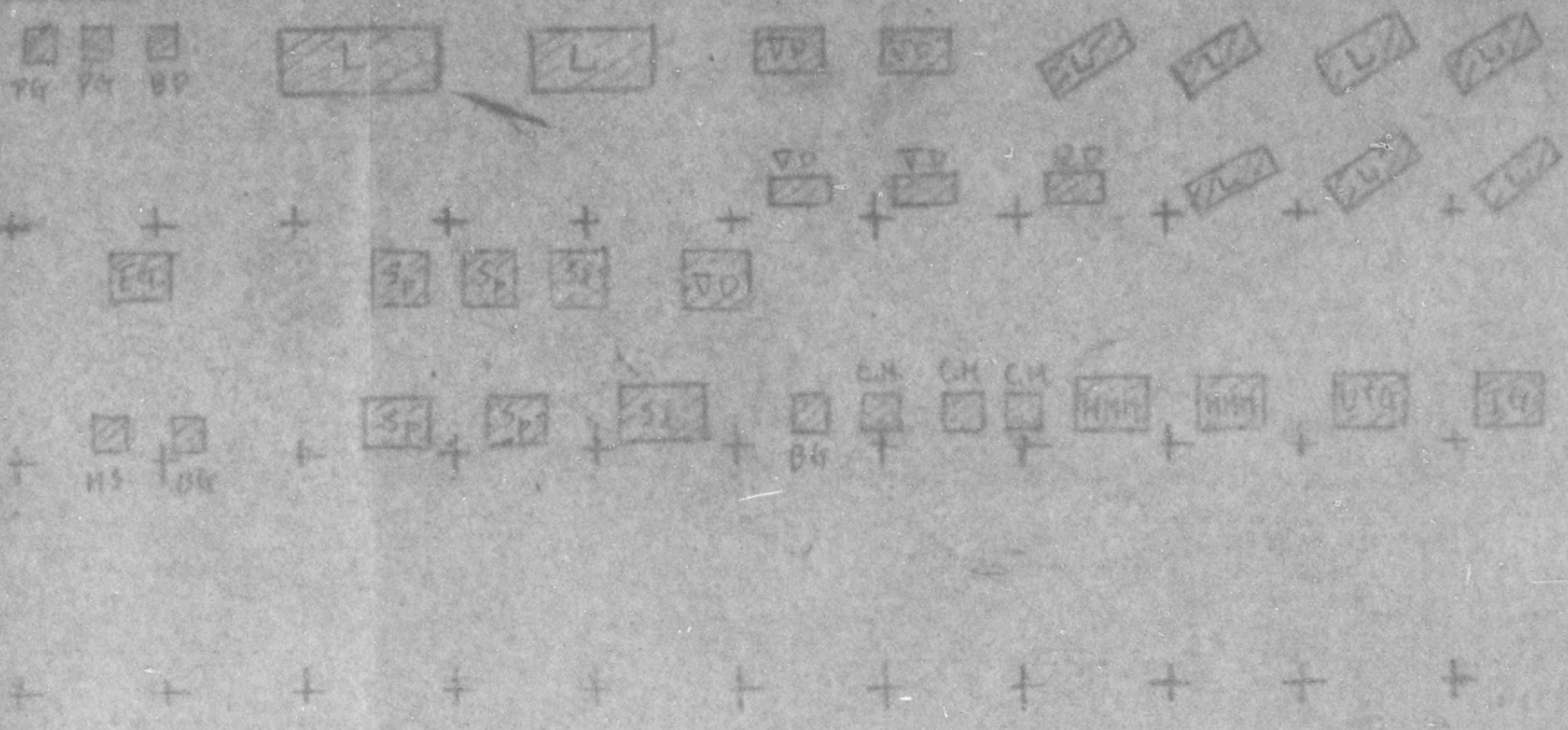




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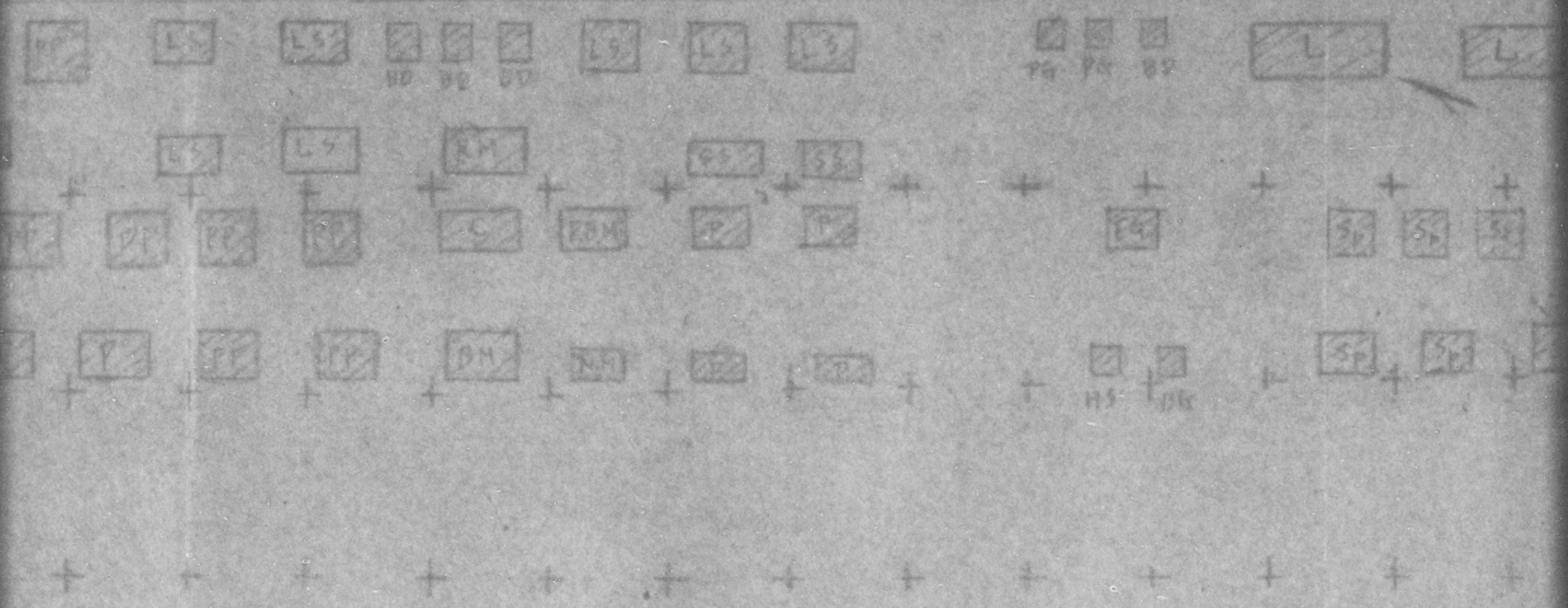




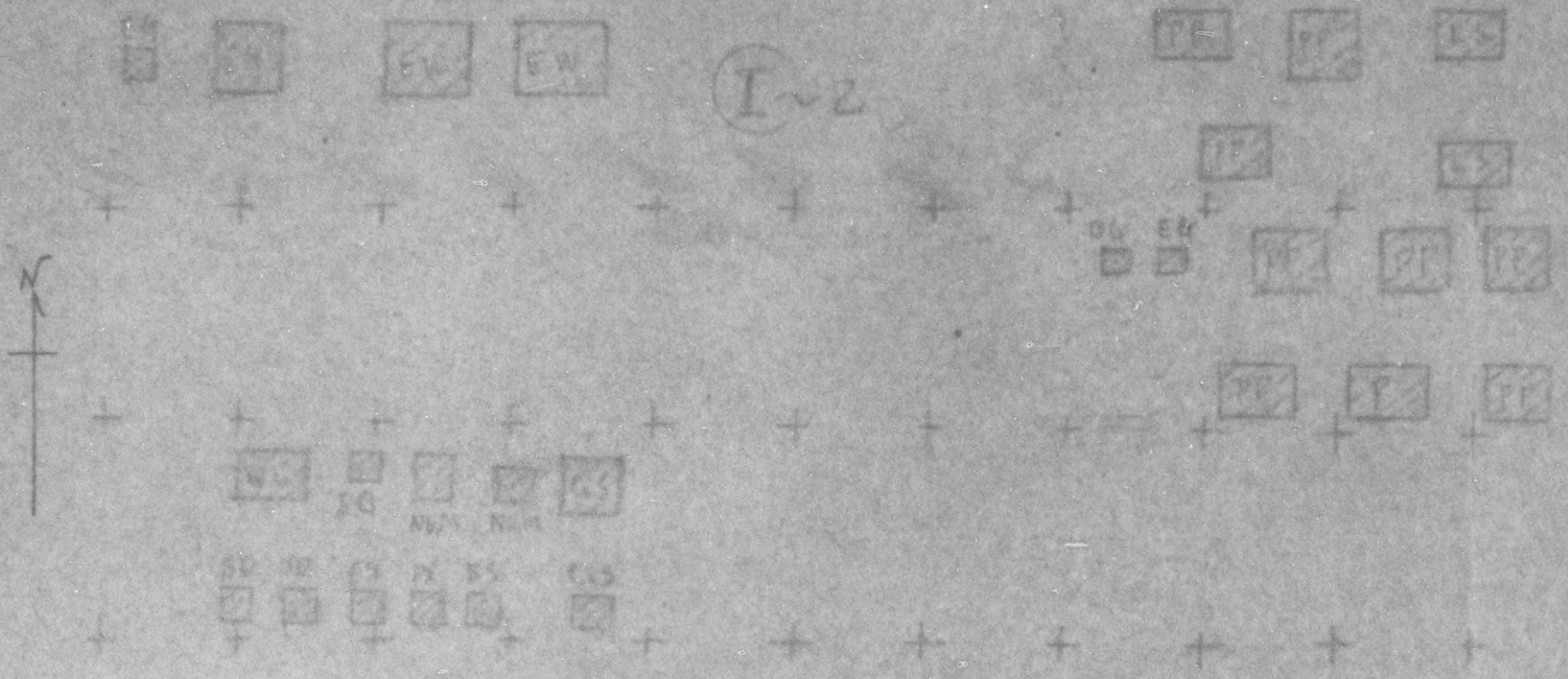


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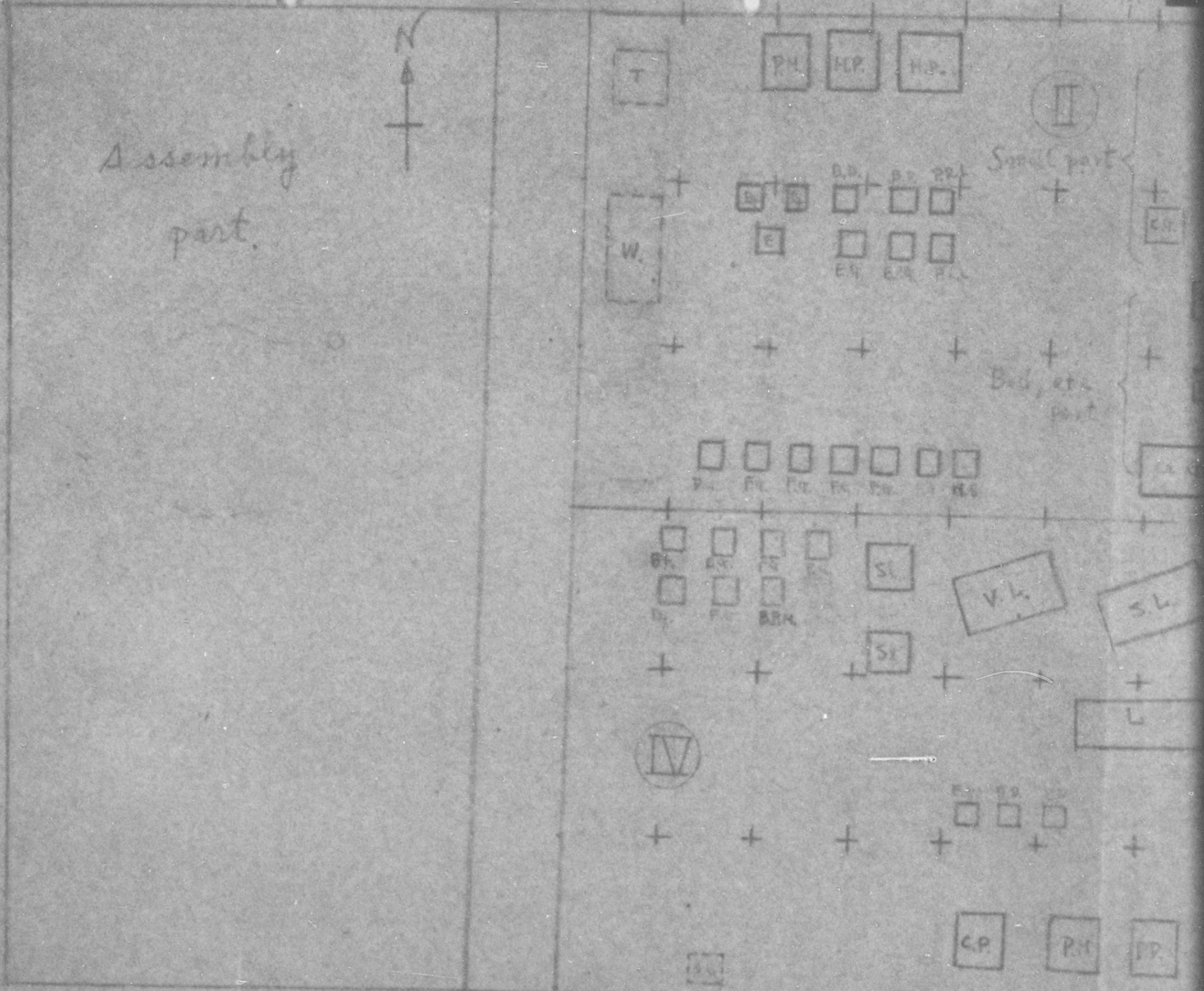






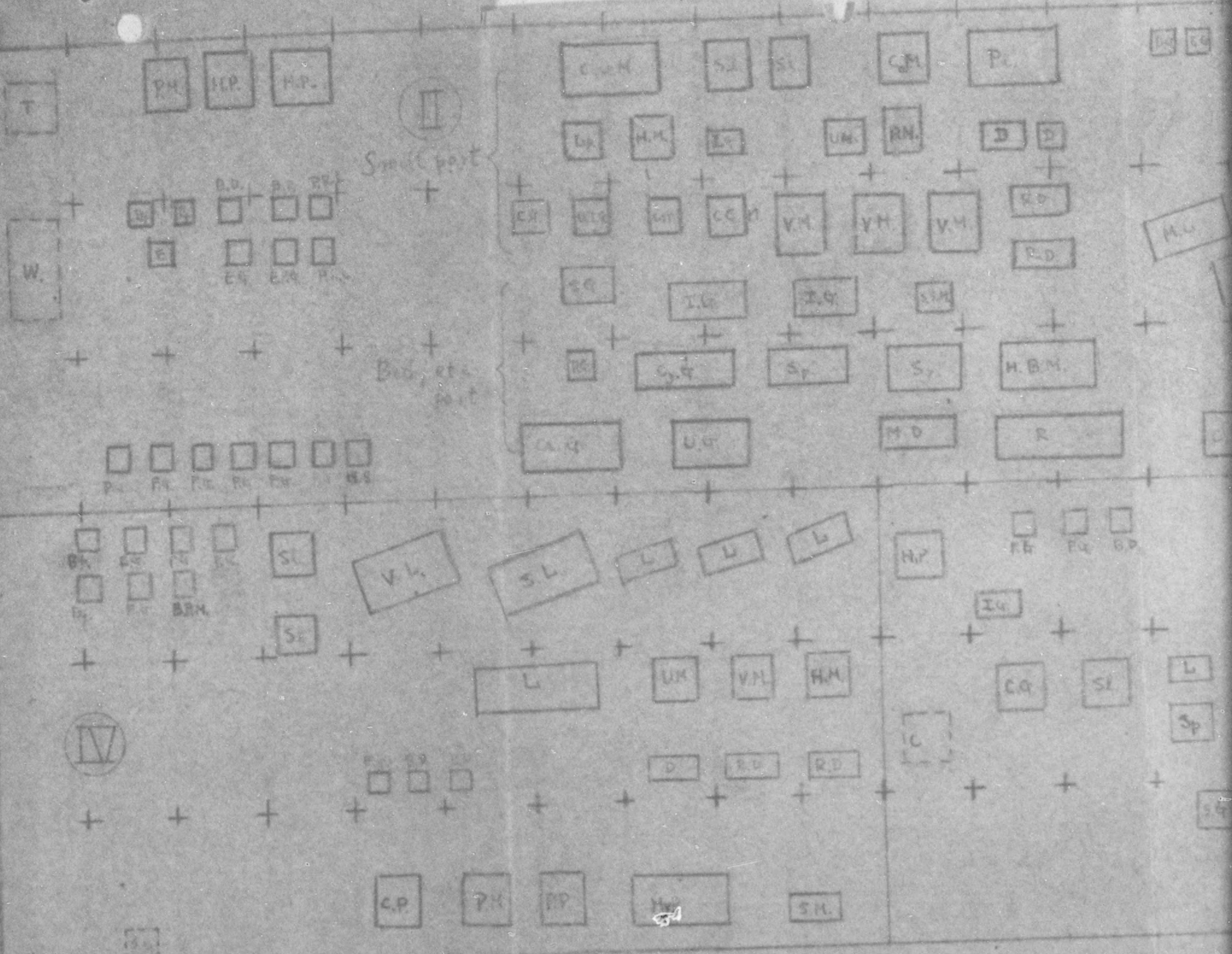


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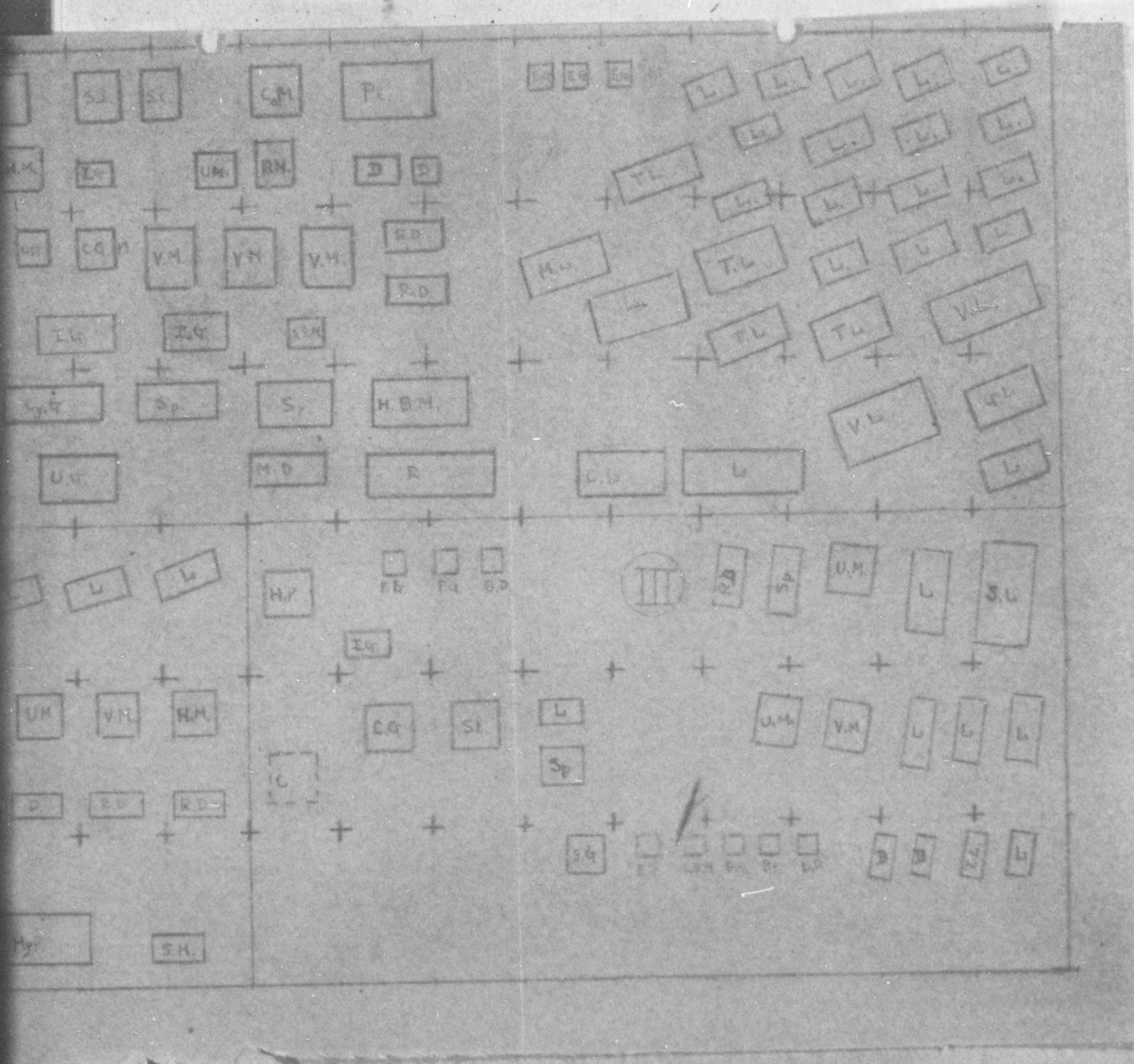




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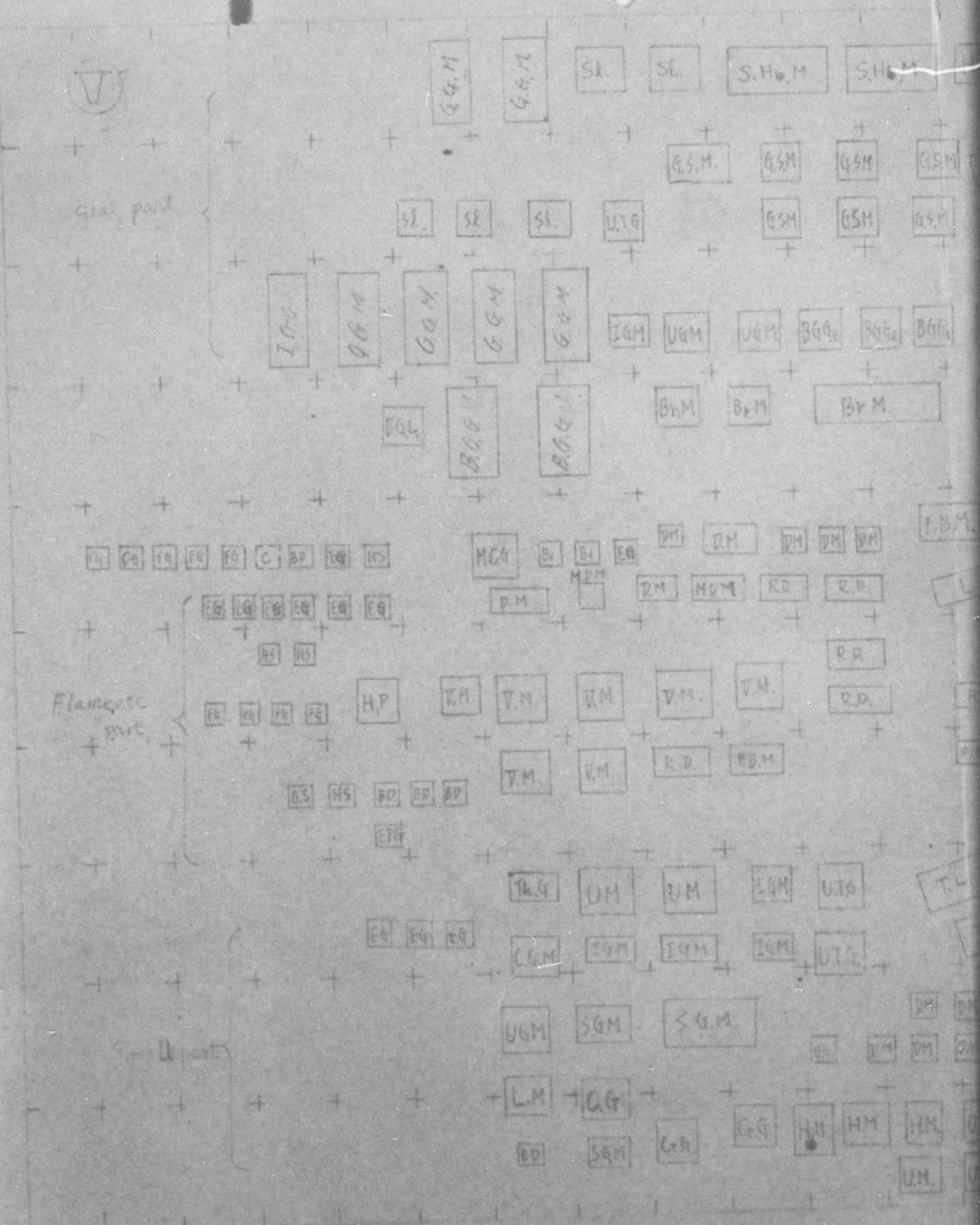
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gear part

Flame etc part

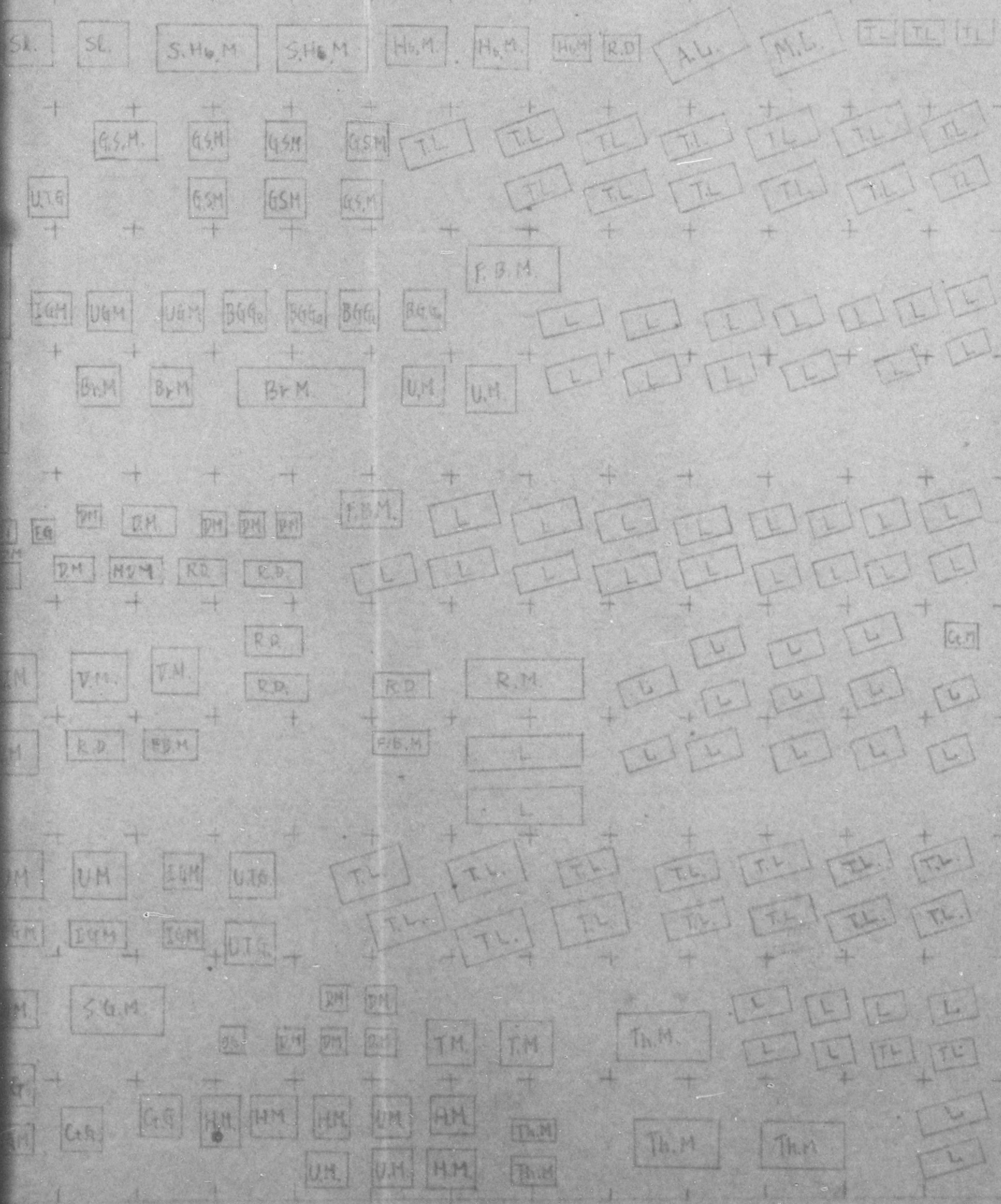
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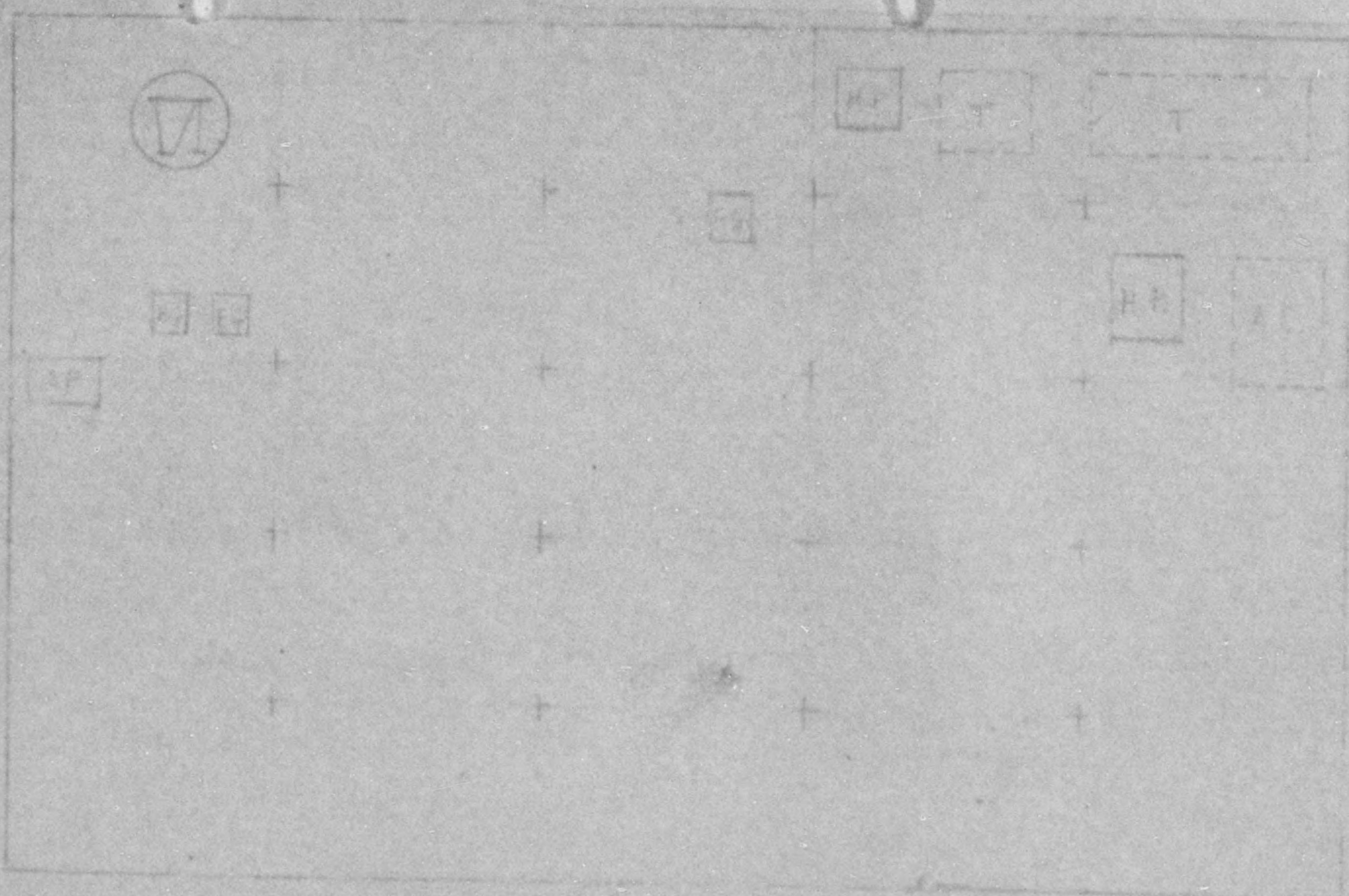
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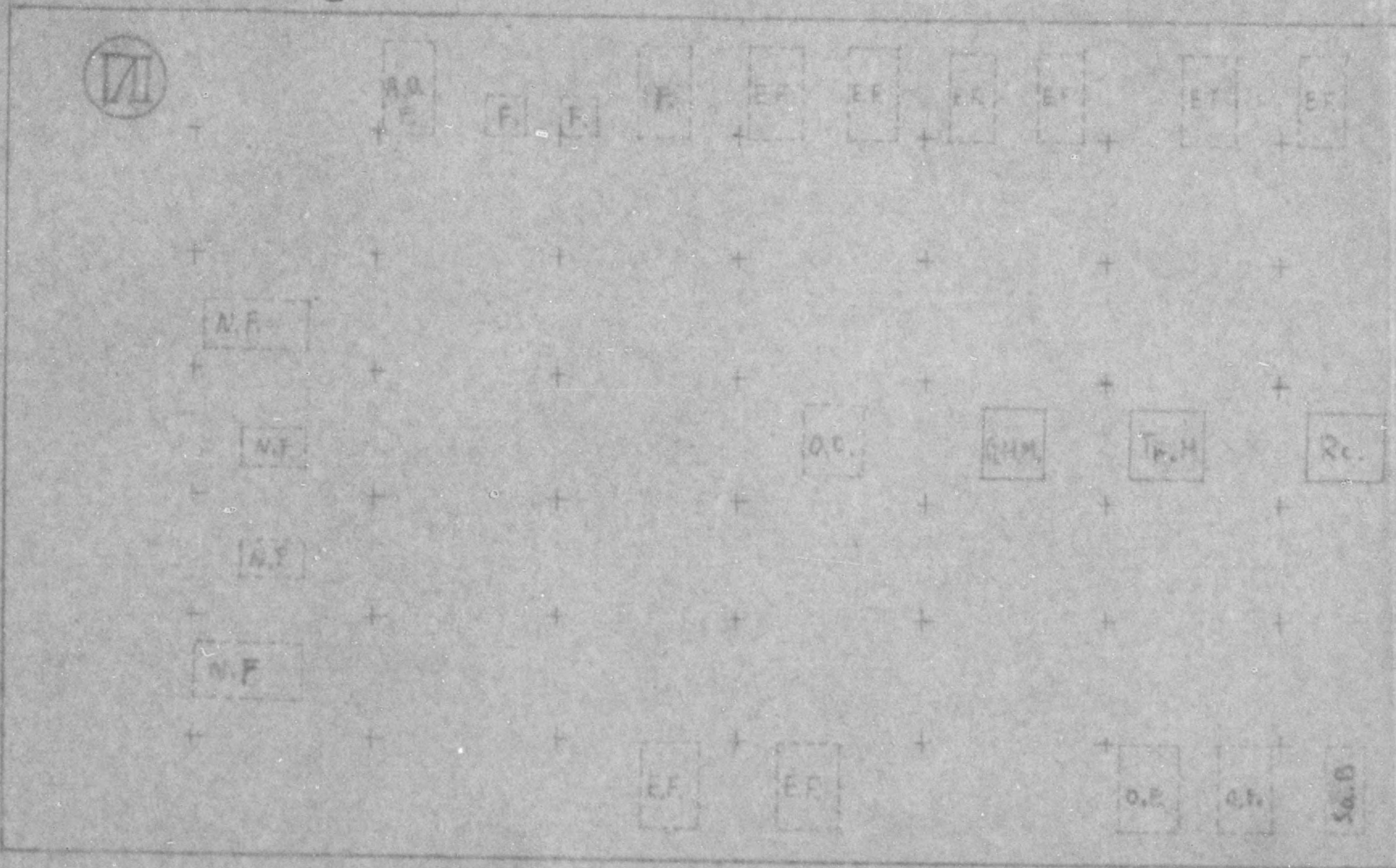


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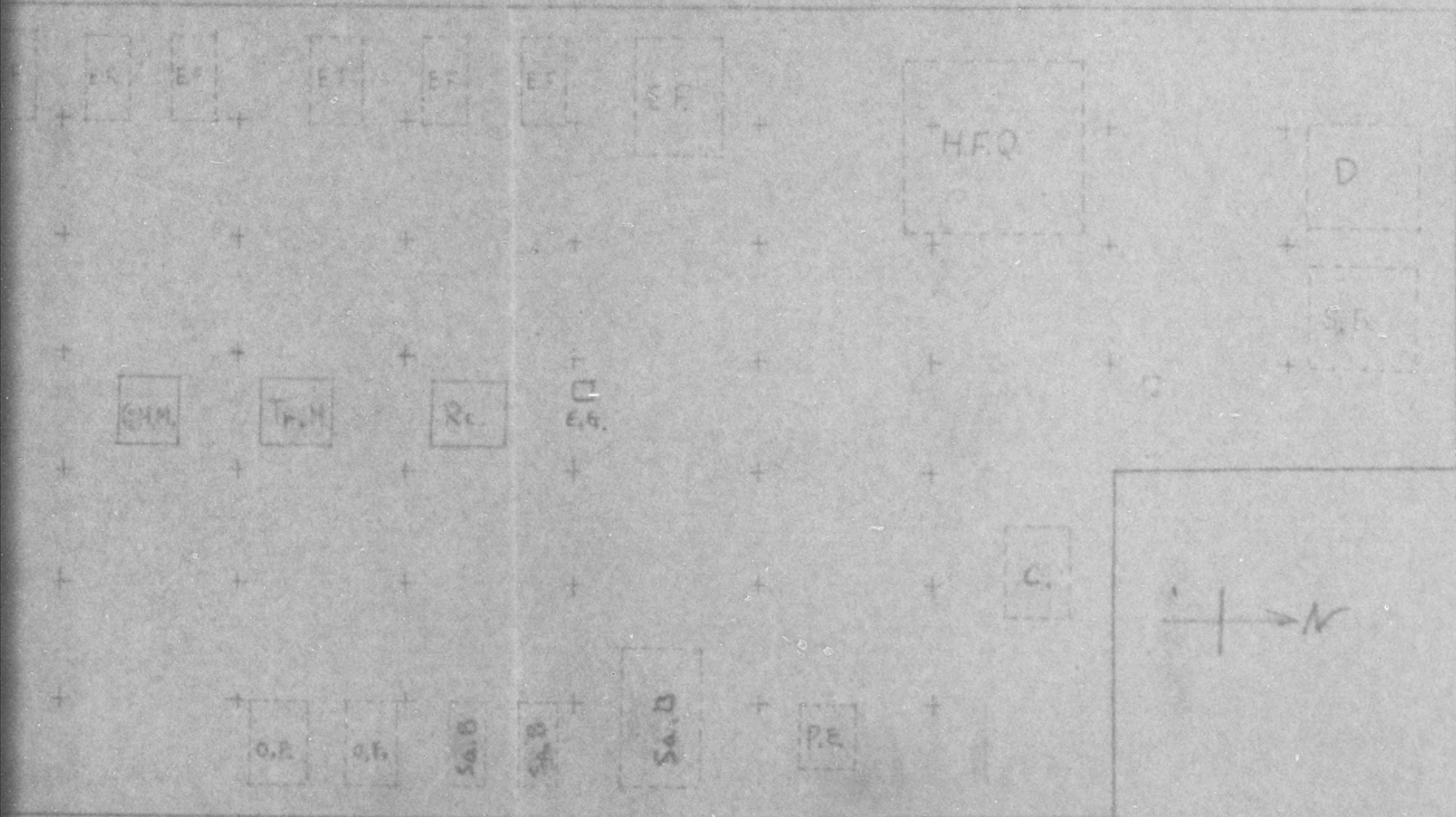
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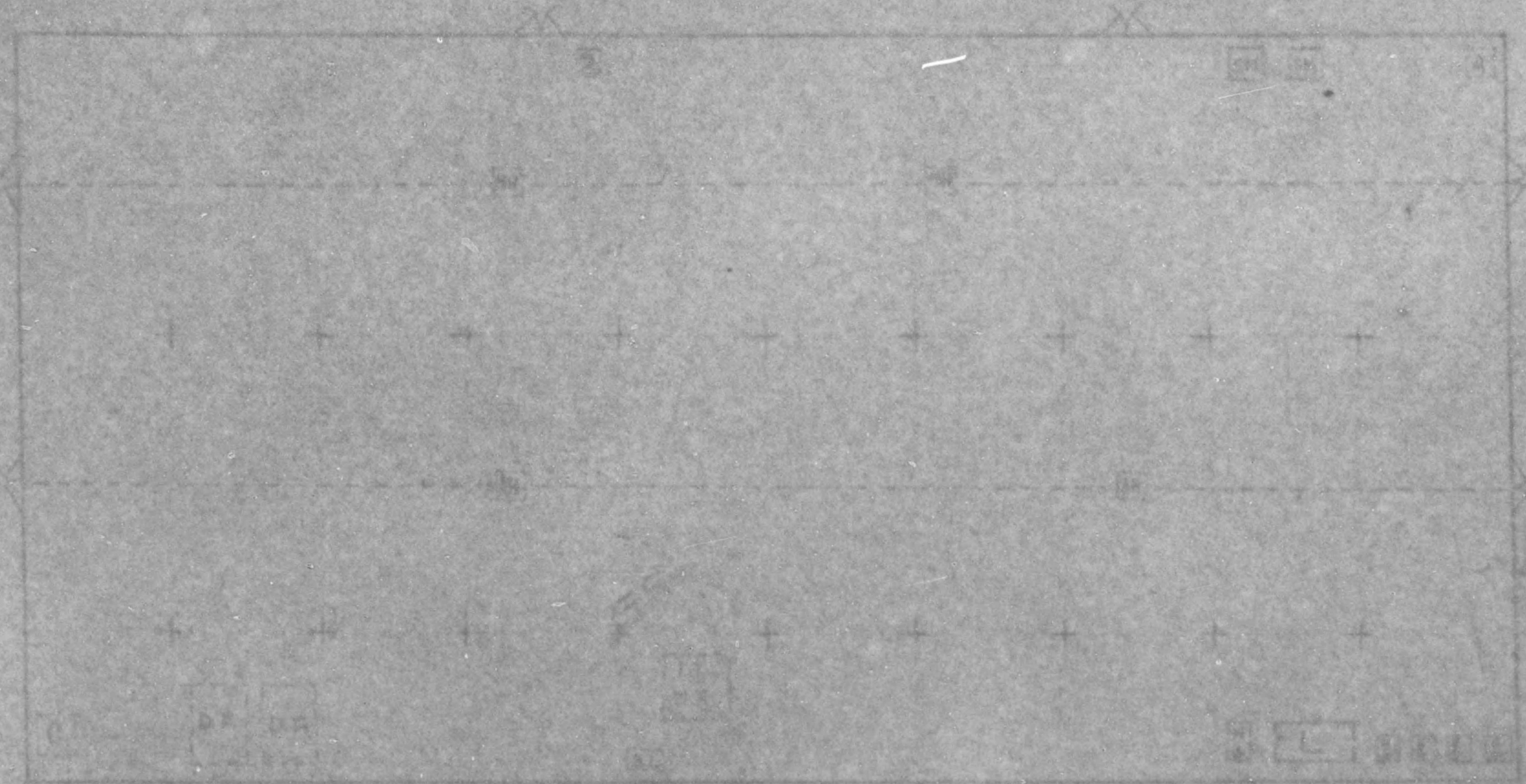




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24 12 1 20 unit

Dep. of Foundry

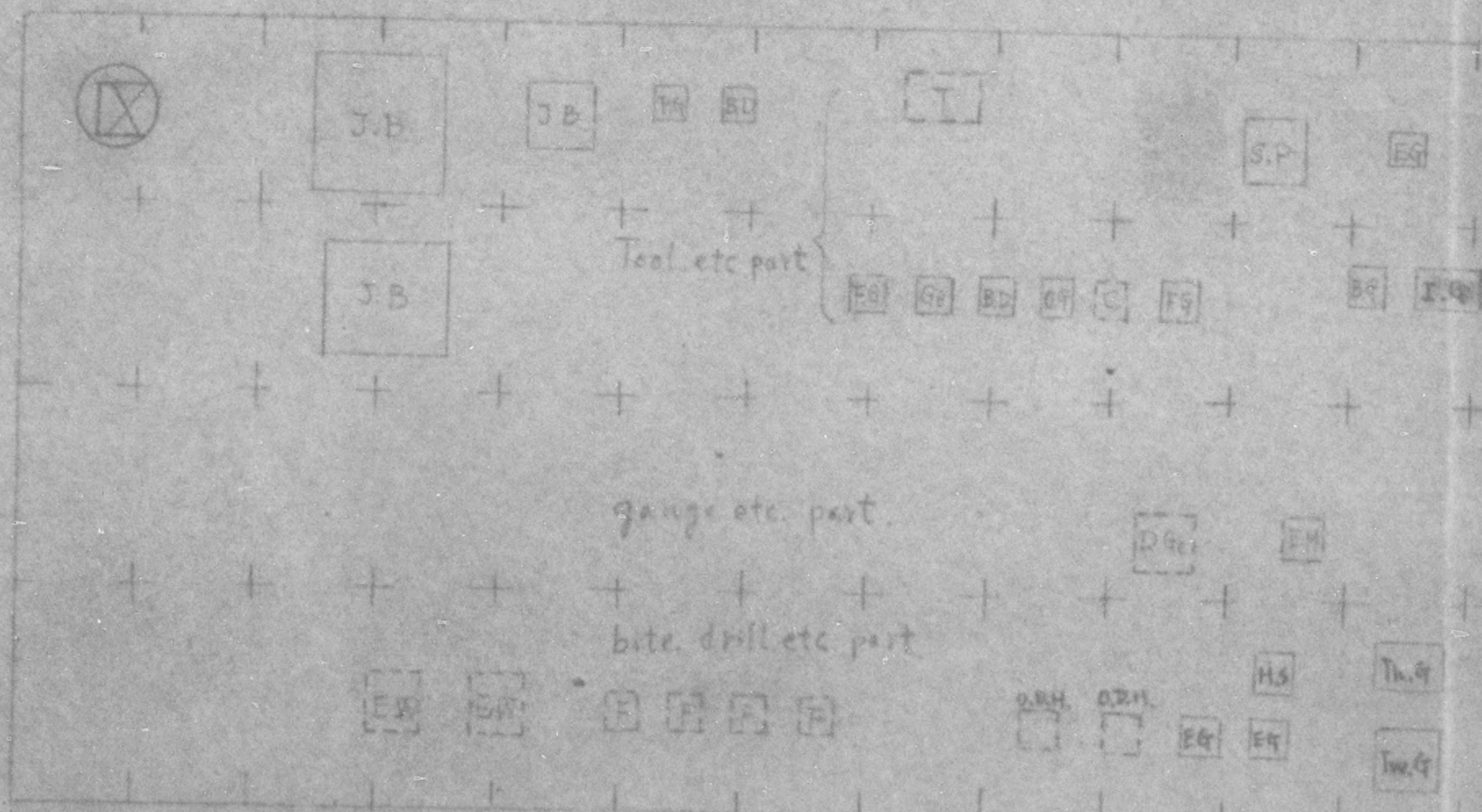


Note:

- |                      |                        |                             |
|----------------------|------------------------|-----------------------------|
| C - Compressor       | MM - Moulding Machine  | HS - Hook Saw               |
| DF - Drying Furnace  | SM - Sand Mill         | L - Lath                    |
| BL - Blower          | A - Acetylene producer | BD - Bench Drilling Machine |
| MF - Melting Furnace | MH - Motor Hoist       | EG - Electric Grinder       |
| SC - Elevator        | AH - Air Hoist         |                             |



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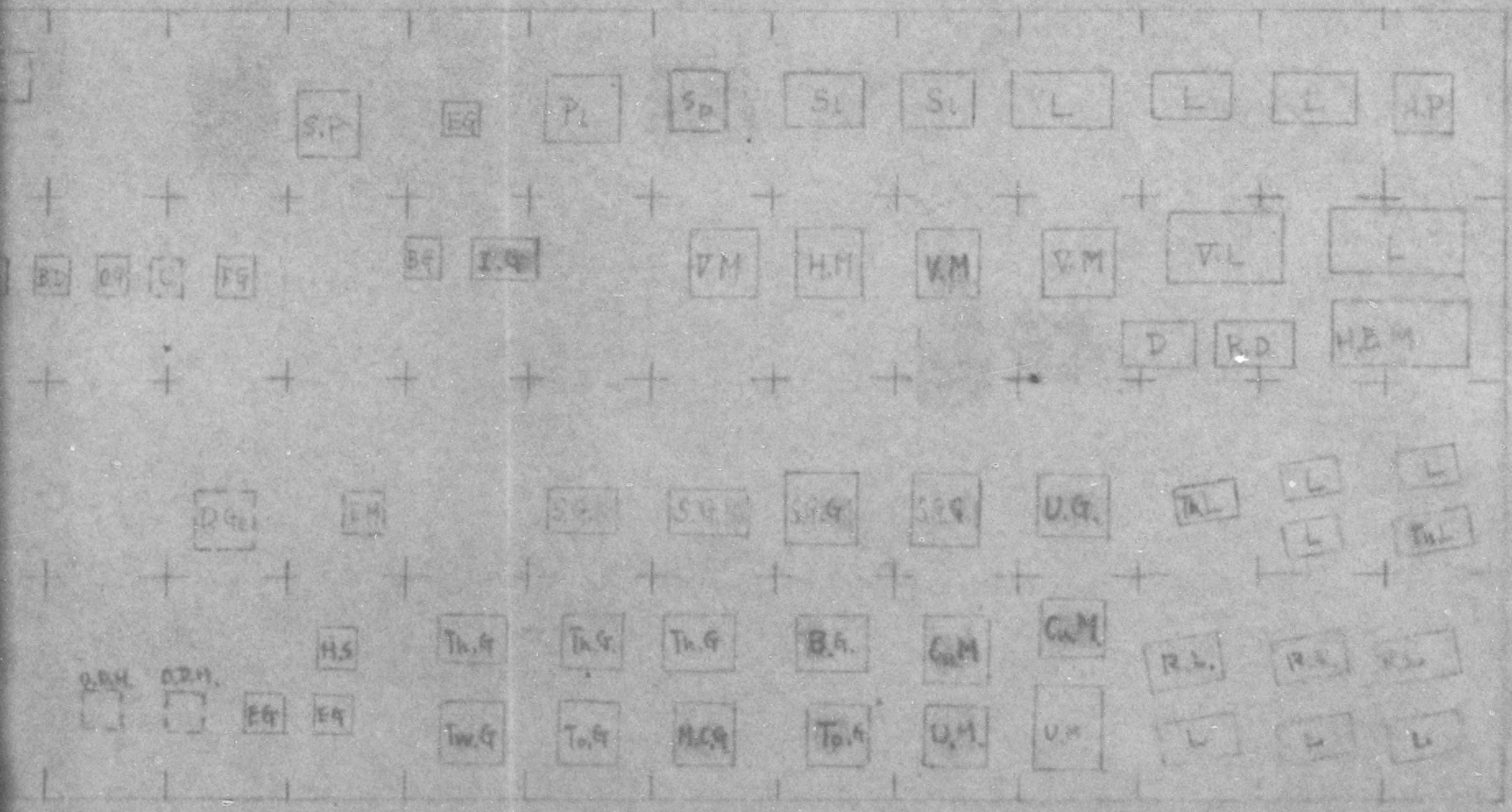




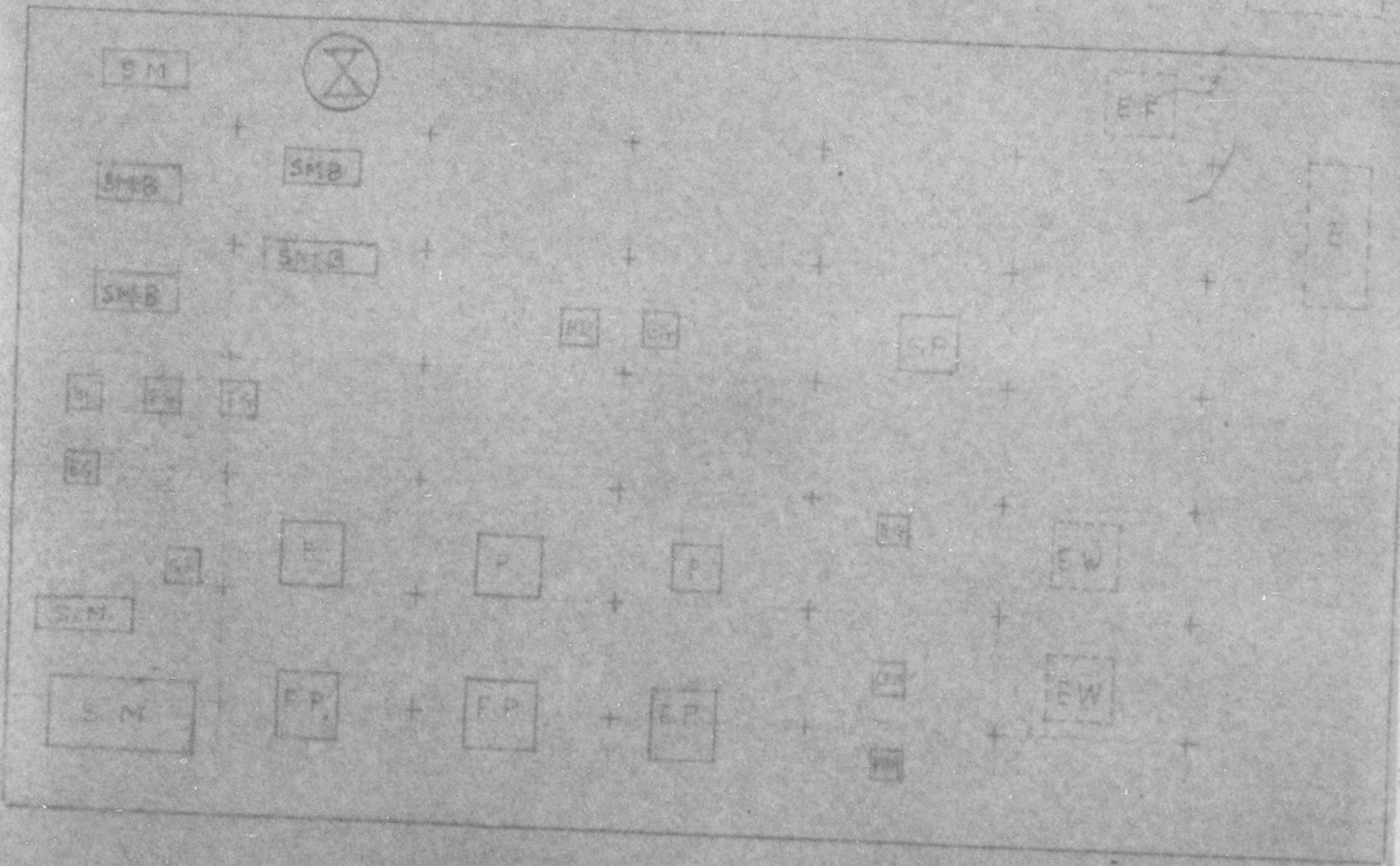
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(10) - 22

BASIC: Ltr, Hq Toyama Mil Govt Team, dtd 4 Dec 46, subj:  
"Application for Exemption from Reparations of Fifteen  
Transformers"

5th Ind

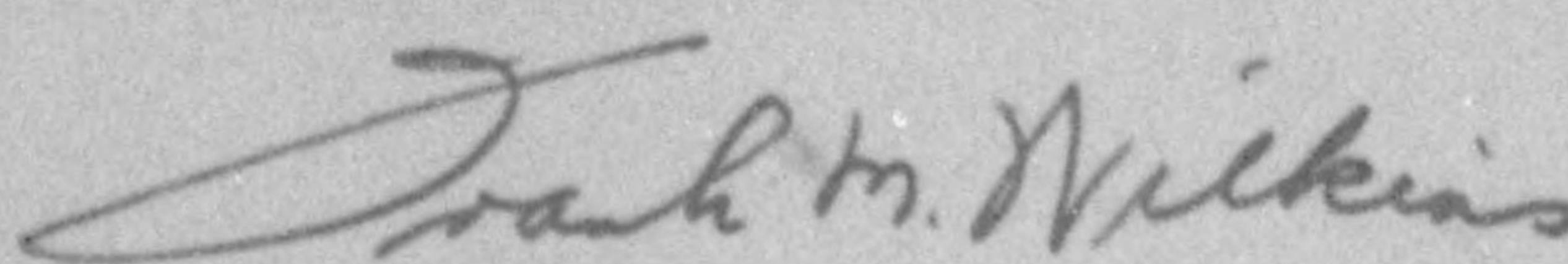
GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 7 Jan 47

TO: CO, Toyama Mil Govt Team, APO 713

Your attention is directed to the 4th indorsement.

BY ORDER OF COLONEL BURNELL:



FRANK M. WILKINS  
Maj FA  
Adjutant

1 Incl:  
n/c

4h362



775 013

BASIC: Ltr, Hq Toyama Mil Govt Team, dtd 4 Dec 46, subj:  
"Application for Exemption from Reparations of Fifteen  
Transformers"

5th Ind

GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 7 Jan 47

TO: CO, Toyama Mil Govt Team, APO 713

Your attention is directed to the 4th indorsement.

BY ORDER OF COLONEL BURNELL:

FRANK M. WILKINS  
Maj Adjutant FA

1 Incl:  
n/c



775 013

**BASIC:** Ltr, Hq Toyama Mil Govt Team, dtd 4 Dec 46, subj:  
"Application for Exemption from Reparations of Fifteen  
Transformers"

5th Ind

GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 7 Jan 47

**TO:** CO, Toyama Mil Govt Team, APO 713

Your attention is directed to the 4th indorsement.

**BY ORDER OF COLONEL BURNELL:**

FRANK M. WILKINS  
Maj Adjutant FA

1 Incl:  
n/c



775 013

HEADQUARTERS  
TOYAMA MILITARY GOVERNMENT TEAM  
APO 713

4 December 1947

SUBJECT: Application for Exemption from Reparation of fifteen  
transformers

TO : Whom it may Concern

Fourteen of the subject machines are to be exempted by direction  
of 4th Indorsement, 8th Army, of subject application.

FOR THE COMMANDING OFFICER:

KENNETH R. SPEASE  
Capt., FA  
Adjutant



775 013

HEADQUARTERS  
TOYAMA MILITARY GOVERNMENT TEAM  
APO 713

EM/sn

4 December 1946

SUBJECT: Application for Exemption from Reparations of  
Fifteen TransformersTO : Commanding General, Headquarters Eighth Army  
APO 343  
(Thru Channels)

1. Fifteen transformers were included in the inventory of reparations machinery for aircraft plants by the Kureha Industrial Company, plant code number three (3)
2. Fourteen of the above transformers are small, ranging from 4 KVA to 35 KVA, while one is of 300 KVA power (see attached application for more detailed information and location).
3. Twelve of these small transformers were located outside the area of the plant itself, and were used before, during and after the war solely for the purpose of supplying heat and lighting for approximately 700 employees living in 97 dwellings which form a part of Oshima-mura.
4. Three of the subject transformers are located within the plant boundary. One is used for the community dispensary, one for the public bathhouse, and one for the plant's guardhouse.
5. Since these transformers were never utilized for furnishing power to machines within the plant, but were used only in providing daily necessities for the employees in a locality physically removed from the plant area, this office recommends that all above mentioned transformers be excluded from reparations with the exception of the transformer which was used for the guardhouse.

FOR THE COMMANDING OFFICER:

*Kenneth R. Speas*  
KENNETH R. SPEAS  
Captain, FA  
Adjutant

1 Inclosure:  
Four (4) copies of exclusion application.

74712



775 013

BASIC: Ltr, Hq Toyama Mil Govt Team, APO 713, dtd 4 Dec 46,  
Subj: "Application for Exemption from Reparations of  
Fifteen Transformers"

1st Ind

GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 9 Dec 46

TO: CG, I Corps, APO 301  
ATTN: Res, Comm & Ind Officer

This headquarters concurs with the recommendation contained  
in par 5 basic communication.

FOR THE COMMANDING OFFICER:

*Frank M. Wilkins*

FRANK M. WILKINS  
Maj Adjutant FA

*F-M-G*

HQ. I CORPS  
AG *004*

1 Incl:  
n/c  
lcc w/d

27421



775 013

mg

BASIC: Ltr, Hq Toyama Mil Govt Team, subj: "Application for Exemption from Reparations of Fifteen Transformers", dtd 4 Dec 46.

AG 004 - BA

2nd Ind

EHN/yo

Hq I Corps, APO 301, 17 DEC 1946

TO: CG, Eighth Army, APO 343

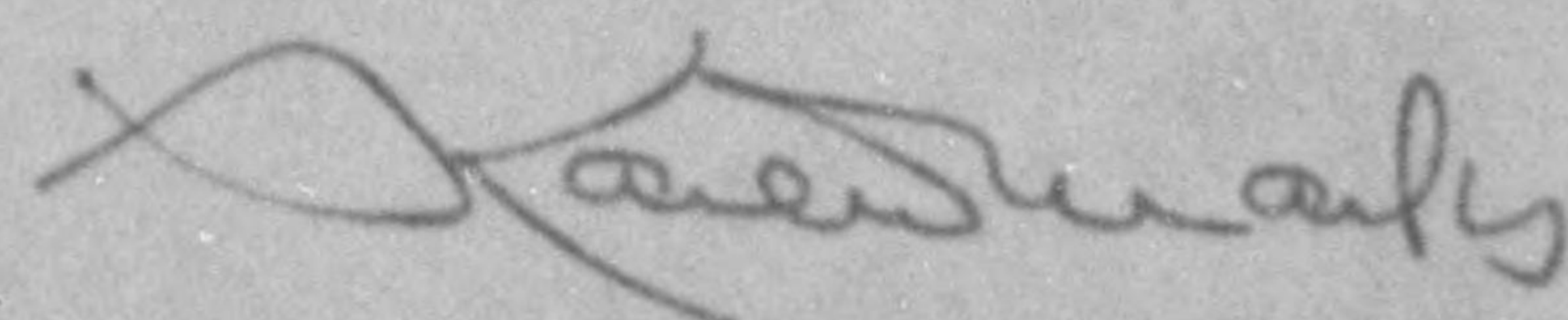
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1. In 1945, when the Nagoya Factory of the Mitsubishi Heavy Industry Co. was destroyed by enemy action, the Japanese Government required the Mitsubishi Co. to move much of its equipment and machinery to the Daimon Factory in Toyama. The Daimon Factory was the property of the Kureha Industrial Co, a plant which is not on the reparations list and is not qualified for such consideration. This move, which was forced on the Kureha Company, resulted in considerable confusion, in the effort to keep the equipment of the two companies properly segregated. This headquarters has had previous correspondence of a like nature in the past, in which efforts have been made to correct the injustice done to the Kureha Company when its property was improperly listed for reparations.

2. Information supplied in the basic communication and inclosures indicates that 15 transformers have been inventoried for reparations, which are rightfully the property of the Kureha Industrial Co. Investigation by the Toyama Military Government Team discloses that 14 of the 15 transformers were only remotely connected with the operation of the Daimon Plant, and that they have been serving a community purpose in the Toyama region for a period of several years. The transformers in question were not the property of the Mitsubishi Company, but of the Kureha Company, which was a former textile organization. This headquarters concurs in the opinion expressed in paragraph 5, of basic communication, that the 14 transformers in question should be excluded from reparations.

3. It is the recommendation of this headquarters that it be authorized to instruct the Toyama Military Government Team to submit corrected inventory sheets for the 14 transformers. The corrected inventory sheets would carry the notation "Ex" after the code number, in compliance with the instructions given in paragraph III, B, 5, c of Inclosure 1 to Operational Directive No. 5/3, Headquarters Eighth Army, dated 23 June 1946.

FOR THE COMMANDING GENERAL:



KARL W. MARKS  
LT COL, AGO  
ASST ADJ GEN

1 Incl:  
n/c



775 013

Ltr, Hq Toyama Mil Govt Team, subj: "Application for Exemption from Reparatons of Fifteen Transformers", dtd 4 Dec 46.

AG 004 (MG-Era) 3rd Ind.

Headquarters Eighth Army, APO 343

TO: Commanding General, I Corps, APO 301

26 DEC 1946

The recommendation contained in paragraph 3 of the 2nd indorsement is approved.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

8

*R. Schaffer*  
R. SCHAFER  
Lt. Col., AGD  
Asst. Adjutant General

*P-116*  
HQ. I CORPS  
AG 004

RECORDED

1 Incl:  
1<sup>3</sup> w/d

AG 004 - BA

4th Ind

EHN/1n

Hq I Corps, APO 301,

3 JAN 1947

TO: CO, Tokai-Hokuriku Mil Govt Region, APO 710

1. Your attention is directed to 3rd indorsement.
2. The Toyama Military Government Team is authorized to proceed in accordance with instructions contained in paragraph 3, 2nd indorsement.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

*O. H. Schmidt*  
O. H. SCHMIDT  
MAJOR, AGD  
ASST. ADJ. GEN.

1 Incl:  
n/c

29370

11362



775 013

HEADQUARTERS  
TOYAMA MILITARY GOVERNMENT TEAM  
APO 713

EM/sn

4 December 1946

**SUBJECT:** Application for Exemption from Reparations of  
Fifteen Transformers

**TO :** Commanding General, Headquarters Eighth Army  
APO 943  
(Thru Channels)

1. Fifteen transformers were included in the inventory of reparations machinery for aircraft plants by the Kureha Industrial Company, plant code number three (3)
2. Fourteen of the above transformers are small, ranging from 4 KVA to 35 KVA, while one is of 300 KVA power (see attached application for more detailed information and location).
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4. Three of the subject transformers are located within the plant boundary. One is used for the community dispensary, one for the public bathhouse, and one for the plant's guardhouse.
5. Since these transformers were never utilized for furnishing power to machines within the plant, but were used only in providing daily necessities for the employees in a locality physically removed from the plant area, this office recommends that all above mentioned transformers be excluded from reparations with the exception of the transformer which was used for the guardhouse.

FOR THE COMMANDING OFFICER:

1 Inclosure:  
Four (4) copies of exclusion  
application

KENNETH R. SPEAS  
Captain, FA  
Adjutant



775 013

BASIC: Ltr, Hq Toyama Mil Govt Team, APO 713, dt'd 4 Dec 46,  
Subj: "Application for Exemption from Reparations of  
Fifteen Transformers"

1st Ind

GDM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 9 Dec 46

TO: CG, I Corps, APO 301  
ATTN: Res, Comm & Ind Officer

This headquarters concurs with the recommendation contained  
in par 5 basic communication.

FOR THE COMMANDING OFFICER:

FRANK M. WILKINS  
Maj FA  
Adjutant

1 Incl:  
n/c  
lec w/d



BASIC: Ltr, Hq Toyama Mil Govt Team, subj: "Application for Exemption from Reparations of Fifteen Transformers", dtd 4 Dec 46.

AG 004 - BA

2nd Ind

EHN/yo

Hq I Corps, APO 301, 17 Dec 1946

TO: CG, Eighth Army, APO 343

1. In 1945, when the Nagoya Factory of the Mitsubishi Heavy Industry Co. was destroyed by enemy action, the Japanese Government required the Mitsubishi Co. to move much of its equipment and machinery to the Daimon Factory in Toyama. The Daimon Factory was the property of the Kureha Industrial Co, a plant which is not on the reparations list and is not qualified for such consideration. This move, which was forced on the Kureha Company, resulted in considerable confusion, in the effort to keep the equipment of the two companies properly segregated. This headquarters has had previous correspondence of a like nature in the past, in which efforts have been made to correct the injustice done to the Kureha Company when its property was improperly listed for reparations.

2. Information supplied in the basic communication and inclosures indicates that 15 transformers have been inventoried for reparations, which are rightfully the property of the Kureha Industrial Co. Investigation by the Toyama Military Government Team discloses that 14 of the 15 transformers were only remotely connected with the operation of the Daimon Plant, and that they have been serving a community purpose in the Toyama region for a period of several years. The transformers in question were not the property of the Mitsubishi Company, but of the Kureha Company, which was a former textile organization. This headquarters concurs in the opinion expressed in paragraph 5, of basic communication, that the 14 transformers in question should be excluded from reparations.

3. It is the recommendation of this headquarters that it be authorized to instruct the Toyama Military Government Team to submit corrected inventory sheets for the 14 transformers. The corrected inventory sheets would carry the notation "Ex" after the code number, in compliance with the instructions given in paragraph III, B, 5, c of Inclosure 1 to Operational Directive No. 5/3, Headquarters Eighth Army, dated 23 June 1946.

FOR THE COMMANDING GENERAL:

KARL W. MARKS  
Lt. Col., AGD  
Asst Adj Gen

1 Incl:  
n/c



775 013

Ltr, Hq Toyama Mil Govt Team, subj: "Application for Exemption from Reparatons of Fifteen Transformers", dtd 4 Dec 46.

AG OOA (MG-Em) 3rd Ind.

Headquarters Eighth Army, APO 343

TO: Commanding General, I Corps, APO 301

26 DEC 1946

The recommendation contained in paragraph 3 of the 2nd indorsement is approved.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

1 Incl:  
1<sup>3</sup> w/d

R. SCHAFER  
Lt. Col., AGD  
Asst. Adjutant General



AG OOA - BA

4th Ind

EHN/ln

Hq I Corps, APO 301. : 3 JAN 1947

TO: CO, Tokai-Hokuriku Mil Govt Region, APO 710

1. Your attention is directed to 3rd indorsement.
2. The Toyama Military Government Team is authorized to proceed in accordance with instructions contained in paragraph 3, 2nd indorsement.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

1 Incl:  
n/c

O. H. SCHMIDT  
MAJOR, AGD  
ASST. ADJ. GEN.

TH 362



775 013

TOYAMA DETACHMENT  
90th Mil Govt Hq & Hq Company  
APO 301, c/o Postmaster  
San Francisco, Calif.

22 May 1946

SUBJECT: Application for Reconversion of the Fukuno Works of the Kureha Industrial Co., Ltd.

TO : 94th Mil Govt Gp., ATTN: Res. & Ind. Officer

1. Subject plant is listed on OD-5, supplement No. 2.
2. Since the textile industry has virtually been defunct since 1941, it is the understanding of this Headquarters that considerable effort is being taken to restore the textile industry in Japan.
3. Machinery in subject plant is well greased and in excellent condition.
4. Information pertaining to financial deficits, authenticity of application, etc, was forwarded with letter of compliance with OI-1.
5. This Headquarters recommends that temporary permit be granted until the reparation program necessitates cessation of operation.

Incl. :  
1 - Application

*John Calimafde*  
JOHN CALIMAFDE  
2nd Lt. Inf.  
Res. & Ind. Officer



775 013

TOYAMA  
LIAISON OFFICE

Date April 12 1946.

From: Chief of Economical Dep't  
Toyama Ken  
To: Captain Medalia, Hq. of 90th Mil. Gov't  
Toyama Detachment

Subject: Submitting a Statement of Views Concerning  
the Application for admitting the Conversion  
of the Factory.

Concerning the above subject, Kureha Industrial Co., Ltd., Fukuno Factory under my supervision submitted to you the application for operation and report on industrial facilities dated 14, March, 1946. Though this factory is on the schedule of designated factories regulated by Article 1, Clause 1 of Commerce & Industry, Education Ministries Decree 1946 (Concerning the control of factories and works due to the order issued consequent to the acceptance of Potsdam Proclamation, Imperial Ordinance No. 542, 1946), I want to make this factory convert into peaceful industry speedily. Especially the articles to be produced are such machines as are recognized to be most urgent in both accelerating the spinning industry and more production of foodstuffs at present situation (see annexed paper), so I eagerly wish that you are so kind as to give us permission to convert with your special consideration of the above-mentioned condition.

Agent *H. Kanayama*

Chief of Economical Dep't  
Toyama Ken



## ANNEXED PAPER

## 1. Kureha Industrial Co., Ltd., Fukuno Factory

Ele-cone device for spinning machine.

Spindle for weaving machine.

- a. No factory in this Ken manufactures them, though some can repair them.
- b. This Ken is favoured with electricity, climate and humidity which are indispensable to the spinning industry. This industry showed brisk activities in this Ken even before the War and at present 220,000 spins are being operated.

But since the restoration of spinning and weaving industries seems to be most important in stabilizing nation's life, we reached to the conclusion that it's urgently needed to encourage the manufacturers of spinning and weaving machines, having regard to the plan of increasing installations hereafter.

So we are now planning to make the factory manufacture such various machines as spinning or weaving, ele-cone device and spindles for weaving machines which are basic parts for agricultural machines. Fukuno Factory best qualified to this condition, with prominent equipments and manufacturing technique unified in size furnished will be sure to show satisfactory results, we think.

## 5.5 H.P. Diesel engine.

- a. No factory manufactures it, though some can repair it.
- b. Though 17,500 engines are used in this Ken, no factory manufactures it in this Ken, so we are forced to import them from other Kens. None of them has been imported since the armistice, though.

We feel acutely, therefore, the necessity to manufacture the above article as agricultural machine to be used for the purpose of increasing the foodstuffs production. For this purpose too, the factory already referred to is best qualified from various points of view, such as excellent equipments, unification of size, and precise technical faculty of manufacturing.



ANNEXED PART 2

## Parts of automobile engine

- a. No factory produces the above parts in this Ken, though some can repair it.
- b. The actual number of trucks, taxies, small-typed automobiles and buses totals approximately 1,000 but about 750 cars out of them are now under suspension due to the impossibility of repairing owing to the parts shortage.

Though this Ken was always relying upon the import from other prefectures, since there is no factory producing such parts in this Ken, it has stopped since the armistice, which results in a great bottleneck lying in transportation service.

As measures for supplying necessary parts to the cars lacking of them at present and to those that will need them in future, these parts are to be manufactured as expeditiously as possible. In this point of view, we will be very much pleased if you permit the factory mentioned above to manufacture this part, since this factory is furnished with prominent equipments and precise technique.



775 013

HEADQUARTERS  
90th Mil Govt Hq & Hq Company  
APO 301 c/o Postmaster  
San Francisco, Calif

25 February 1946

SUBJECT: Movement of Machinery  
TO : Captain Medalia  
Toyama Detachment, Toyama

1. Enclosed is an application of the Kureha Industrial Company, Ltd., for permission to move a considerable amount of machinery into its various plants. Representatives of the company were in this Headquarters today, but since they had brought incomplete files on the subject, full information could not be obtained. Therefore, it is requested that you contact this company and obtain the following information.

a. The company states that permission to move this machinery was obtained from the Department of Finance on 14 December 1945. This permit should be checked against the enclosed lists to determine accuracy.

b. The company further states that a permit to reconvert this plant was obtained from the U. S. Army on 22 January 1946. In view of the fact that this company is one of these being taken over by the Army, the provisions of this permit should be noted.

c. Determine the number of employees that this company intends to use at such time that all of the machinery is useable and operating.

2. It is requested that you obtain the above information as soon as convenient and advise this Headquarters of the results, returning the enclosed application at the same time.

*By Order of*  
FOR THE COMMANDING OFFICER:

1 Incl  
The Kureha Industrial  
Co. Ltd.

*J. R. Jones*  
J. R. JONES  
Capt AC  
Industry Officer



## ADDITIONAL INVENTORY OF REPARATION MACHINE

## 1. Reason for additional inventory :

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when Mr. Raffin, a member of C. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was order in the war must be inventoried.

## 2. The exact description fo the machine:

a. Code number: 42 - 2 - 149

b. Name of machine: Lathe - turret Horizontal Ram-type

c. Ordered Date: June 10, 1945

d. Carried Date: Dec. 2, 1945

## e. Place and Shop when purchased:

Place - Nakanoshima, Kita-ku, Osaka-shi

Name of Shop - Osaka-branch, Kenzai-sha

Representation - Keigi Uenishi



775 013

(裏面 - 日本語ノ説明アリ)

# INVENTORY SHEET

(Metal Working Plants)

IBM CODE SECTION							
0	1	2	3	4	5	6	7
These columns for use by Office Section, GHQ, only. MAKE NO ENTRIES							
B <sub>k</sub>							
B <sub>v</sub>							
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J <sub>2</sub>							
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J <sub>4</sub>							
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M							

A. Date of Inventory : Nov. 25, 1948

B. Code Number : 42 — 2 — 449  
(Prefecture — Plant — Machine)

C. Name of Machine : LATHE - Turret, ram type - Standard

D. Manufacturer : HIDACHI WORKS.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1944.

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICEABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Swing over bed 500 m/m.
- Swing over carriage 300 m/m.
- (2) Dis. between chuck to turret head 500 m/m.
- Bed length 1,000 m/m.
- (3) Round bar capacity Dia. 52 m/m.
- (4) \_\_\_\_\_

K. Power Source : Individual Motor drive.

(a) Motor Driven	(b) Belt Driven
AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>	Cone <input type="checkbox"/>
<u>9</u> HP	Pulley <input type="checkbox"/>

L. Weight : 1,800 Kgs.      Length : 2.3 Meters  
Width : 1.0 Meters      Height : 1.2 Meters

M. Brief Description of Machine Characteristics:



## ADDITIONAL INVENTORY OF REPARATION MACHINE

## 1. Reason for additional inventory:

As this machine had been carried post-war, We did not inventoried as the reparation machine. However, When Mr. Raffin, a member of G. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was orded in the war must be inventoried.

## 2. The exact description of the machine:

a. Code number: 42 - 2 451

b. Name of machine: Lathe - Engine and tool room - other

c. Ordered Date: May 10, 1945

d. Carried Date: Jan. 30, 1946

## e. Place and Shop when purchased:

Place - No. 40, Shinmei-machi, Kita-ku, Osaka-shi  
Name of Shop - Gokai-shokai  
Representation - Hideo Yoshinaga



775 013

(裏面ニ日本語ノ説明アリ)

# INVENTORY SHEET

(Metal Working Plants)

IBM CODE SECTION							
0	1	2	3	4	5	6	7
These columns for use by Office Section, GHQ, only. MAKE NO ENTRIES							
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J <sub>4</sub>							
K							
M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 — 2 — 451  
(Prefecture) — (Plant) — (Machine)

C. Name of Machine : LATHE - Engine (Tool room) - Other

D. Manufacturer : TOA METAL CO., LTD.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1944 (Est.)

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICEABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Swing over bed 370 mm.
- (2) Swing over carriage 230 mm.
- (3) Dis. between centers 700 mm.
- (4) Bed length 1,000 mm.

K. Power Source : Individual Motor drive.

(a) Motor Driven  AC  DC 3HP

(b) Belt Driven  Cone  Pulley

L. Weight : 1,500 Kgs. Length : 2.0 Meters  
Width : 0.9 Meters Height : 1.3 Meters

M. Brief Description of Machine Characteristics :



## ADDITIONAL INVENTORY OF REPARATION MACHINE

## 1. Reason for additional inventory:

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when MR. Raffin, a member of G. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was order in the war must be inventoried.

## 2. The exact description of the machine:

- a. Code number: 42 - 2 - 452
- b. Name of machine: Lathe - Engine and tool room - other
- c. Ordered Date: May 10, 1945
- d. Carried Date: Jan. 30, 1946
- e. Place and Shop when purchased:
- Place - No. 40, Shinmei-machi, Kita-ku, Osaka-shi
- Name of Shop - Gokai-shokai
- Representation - Hideo Yoshinaga



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(裏面 - 日本語ノ説明アリ)

# INVENTORY SHEET

(Metal Working Plants)

IBM CODE SECTION							
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J <sub>3</sub>							
J <sub>4</sub>							
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M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 - 2 - 452  
 (Prefecture - Plant - Machine)

C. Name of Machine : LATHE - Engine (Tool room) - Other

D. Manufacturer : TOA METAL CO., LTD.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1944 (Est.)

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Swing over bed 370 mm.
- (2) Swing over carriage 230 mm.
- (3) Dis. between centers 700 mm.
- (4) Bed length 1,000 mm.

K. Power Source : Individual Motor drive.

(a) Motor Driven	(b) Belt Driven
AC <input checked="" type="checkbox"/> DC <input type="checkbox"/> <u>3</u> HP	Cone <input type="checkbox"/> Pulley <input type="checkbox"/>

L. Weight : 1,500 Kgs. Length : 2.0 Meters  
 Width : 0.9 Meters Height : 1.3 Meters

M. Brief Description of Machine Characteristics :



775 013

APPLICATION FOR NEWLY-MANUFACTURING MACHINE

Date: December, 29, 1948

1. Name of Company requesting newly-manufacturing: Fukuro Plant Kuraha Industry Co. Ltd.

2. Address of Company: No. 100, Fukuro-machi, Higashitenami-gun, Toyama Pref.

3. Machinery to be newly-manufactured:

Name of machinery and exact description including size and horse power.	Number	Where it will be newly-manufactured to
Tapping machine - Horizontal	1 set	Fukuro Plant Kuraha Industry Co. Ltd. (Building of Release of reparation)
Grinder-bench - Single	9 sets	"
" Double $\frac{1}{2}$ HP	3 "	"
" " "	1 set	"
Grinder-floor - Double $\frac{1}{2}$ HP	1 "	"
" " "	2 sets	"
" " "	1 set	"
" " "	3 sets	"
Line-shaft 48 M	1 set	"
Paint-tank (for steel)	1 "	"
<b>Total</b>	<b>23 sets</b>	

4. Reason for Request:

a. Exactly what will be made with the machinery.

Repair and assembly of spinning machines, and weaving machines. Manufacture of agricultural machines. Manufacture of tricet machines. Manufacture of cotton weaving machines.

b. Date this company intend to newly-manufacture machinery.

Within 2 weeks after permission of this application.

5. What was the company founded to produce?

Repair and assembly of spinning and weaving machines. Manufacture of agricultural machines. Manufacture of tricet machines. Manufacture of weaving machines.

b. Total number of the machines of the factory.

I certify information hereron is true.  
Above machinery requested in this application is not of reparation.

Signd S. Kurajima  
Representative of Co.

6. Representative of applicant (Name and Title)



6. Recommendation of Reparation Section Ken:

Newly-manufacture of machinery requested in this application is (Approved) ~~(Disapproved)~~ for the following reasons.

I hereby certify that machinery under Article 3 are necessary to be manufactured at Fukuno plant, Kureha Kogyo K.K. for manufacturing agricultural machine and cotton weaving machine.

Signd K. Sakai

7. Remission (is) (~~is not~~) hereby granted to newly-manufacturing machinery requested in this application.

*[Handwritten initials]*

Signd Kenneth R. Spivey Capt USAF  
Authorized to grant permission for movement of machinery.



## ADDITIONAL INVENTORY OF REPARATION MACHIN

## 1. reason for additional inventory:

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when MR. Raffin, a member of G. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was oder in the war must be inventoried.

## 2. The exact description of the machine:

- a. Code number: 42 - 2 - 453
- b. Name of machine: Milling -machine Knee-type Horizontal-Plain
- c. odered Date: Jan. 13, 1945
- d. Carried Date: Jan. 15, 1946
- e. Place and Shop when purchased:
- Place - No. 357, Tsurumi-machi, Tsurumi-ku, Yokohama-shi
- Name of Shop - Babasa - Shoten
- Representation - Tadashi Baba



775 013

(裏面ニ日本語ノ説明アリ)

INVENTORY SHEET

(Metal Working Plants)

IBM CODE SECTION							
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These columns for use by Office Section, GHQ, only. MAKE NO ENTRIES							
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M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 — 2 — 453  
 (Prefecture — Plant — Machine)

C. Name of Machine : MILLING MACHINE - Knee type -  
Horizontal - plain

D. Manufacturer : MIWA SEIKI CO., Ltd.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Model K.M.

G. Age of Machine in Years : Manufactured 1944

H. Condition of Machine (Check one below) :

- |  |         |                                     |
|--|---------|-------------------------------------|
| GOOD (Requires only Maintenance)           | Class 1 |                                     |
| GOOD (But requires Repairs)                | Class 2 | <input checked="" type="checkbox"/> |
| UNSERVICEABLE. (Tell why in Par. I. below) | Class 3 |                                     |

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) Size of longitudinal .770 mm.
- (2) Cross and Vertical feed 230 mm.
- (3) Working Surface table 800 mm x 230 mm.
- (4) \_\_\_\_\_

K. Power Source : Individual Motor drive.

- |   |                 |
|---|-----------------|
| (a) Motor Driven                                | (b) Belt Driven |
| AC <input checked="" type="checkbox"/> DC _____ | Cone _____      |
| <u>3</u> HP                                     | Pulley _____    |

L. Weight : 1,800 Kgs.  
 Width : 1.7 Meters  
 Length : 1.1 Meters  
 Height : 1.7 Meters

M. Brief Description of Machine Characteristics :



## ADDITIONAL INVENTORY OF REPARATION MACHIN

## 1. reason for additional inventory:

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when Mr. Raffin, a member of G. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was oder in the war must be inventoried.

## 2. The exact desxription of the machine:

a. Code number: 42 - 2 - 454

b. Name of machine: Lathe - Engine and tool room - Gap

c. odered Date: July 15, 1945

d. Carried Date: Dec. 12, 1945

## e. Place and Shop when purchased:

Place - Nagarakita-mach, Gifu-shi

Name of Shop - Sugiyama-shoten

Representation - Kanichi Sugiyama



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# INVENTORY SHEET

(Metal Working Plants)

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J <sub>2</sub>							
J <sub>3</sub>							
J <sub>4</sub>							
K							
M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 (Prefecture) - 2 (Plant) - 454 (Machine)

C. Name of Machine : LATHE - Engine (Tool room) - Gap

D. Manufacturer : UNKNOWN

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1931 (Est.)

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICEABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Swing over gap 900 mm.
- (2) Swing over carriage 250 mm.
- (3) Dis. between centers 1,000 mm.
- (4) Bed length 1,400 mm.

K. Power Source : Counter shaft drive.

(a) Motor Driven	(b) Belt Driven	Cone	<input checked="" type="checkbox"/>
<input type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> HP		Pulley	<input type="checkbox"/>

L. Weight : 1,800 Kgs. Length : 2.8 Meters  
 Width : 1.0 Meters Height : 1.2 Meters

M. Brief Description of Machine Characteristics :



## ADDITIONAL INVENTORY OF REPARATION MACHIN

## 1. reason for additional inventory:

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when MR. Raffin, a member of G. H. Q. in Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine which was oder in the war must be inventoried.

## 2. The exact description of the machine:

- a. Code number: 42 - 2 - 455
- b. Name of machine: Mecanical - Press I point vertical Inclinable
- c. odered Date: Oct. 5. 1944
- d. Carried Date: Nov. 15. 1945
- e. Place and Shop when purchased:

Place - No. 27, Masago-machi, Kita-ku, Osaka-shi

Name of Shop - Taisei-Butausan-Syokai

Representation - \_\_\_\_\_



775 013

(裏面ニ日本語ノ説明アリ)

# INVENTORY SHEET

(Metal Working Plants)

IBM CODE SECTION							
0	1	2	3	4	5	6	7
These columns for use by Office Section, GHQ, only. MAKE NO ENTRIES							
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J <sub>2</sub>							
J <sub>3</sub>							
J <sub>4</sub>							
K							
M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 — 2 — 455  
(Prefecture — Plant — Machine)

C. Name of Machine : MECHANICAL PRESS - 1 point Vertical -  
Inclinable - open rod.

D. Manufacturer : OSAKA PRESS SEISAKU.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1944 (Est.)

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICEABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Pressure 30 tons.
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_

K. Power Source : Individual Motor drive.

(a) Motor Driven	(b) Belt Driven
AC <input checked="" type="checkbox"/> DC <input type="checkbox"/> <u>2.5 HP</u>	Cone <input type="checkbox"/> Pulley <input type="checkbox"/>

L. Weight : 1,800 Kgs. Length : 1.45 Meters  
Width : 0.95 Meters Height : 2.1 Meters

M. Brief Description of Machine Characteristics: \_\_\_\_\_



## ADDITIONAL INVENTORY OF REPARATION MACHINE

## 1. Reason for additional inventory :

As this machine had been carried post-war, we did not inventoried as the reparation machine. However, when Mr. Raffin, a member of G. H. Q. on Nov. 14, 1948 inspected our plant, we listed the machine as additional inventory according to the indication that the machine was order in the war must be inventoried.

## 2. The exact description fo the machine:

a. Code number: 42 - 2 - 450

b. Name of machine: Lathe - turret      Horizontal      Ram - type

c. Ordered Date: April 18, 1945

d. Carried Date: Jen. 26, 1946

## e. Place and Shop when purchased:

Place - No. 56I, Numa-machi, Kishiwada-shi

Name of Shop - Daiwakoei-Seisakusho Co. Ltd

Representation - Eitaro Nakanishi



775 013

(裏面に日本語ノ説明アリ)  
**INVENTORY SHEET**  
 (Metal Working Plants)

D

IBM CODE SECTION							
0	1	2	3	4	5	6	7
These columns for use by Office Section, GHQ, only. MAKE NO ENTRIES							
B <sub>k</sub>							
B <sub>p</sub>							
B <sub>m</sub>							
C							
D							
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F							
G							
H							
J <sub>1</sub>							
J <sub>2</sub>							
J <sub>3</sub>							
J <sub>4</sub>							
K							
M							

A. Date of Inventory : Nov. 25, 1948.

B. Code Number : 42 — 2 — 450  
 (Prefecture — Plant — Machine)

C. Name of Machine : LATHE-Turret, ram type-Standard

D. Manufacturer : EMURA TEKKO.

E. Country in Which Manufactured : Japan

F. Manufacturer's Model Number : Unknown

G. Age of Machine in Years : Manufactured 1945

H. Condition of Machine (Check one below) :

GOOD (Requires only Maintenance)	Class 1	<input checked="" type="checkbox"/>
GOOD (But requires Repairs)	Class 2	<input type="checkbox"/>
UNSERVICEABLE. (Tell why in Par. I. below)	Class 3	<input type="checkbox"/>

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) Swing over bed 300 mm.
- Swing over carriage 190 mm.
- (2) Dis. between chuck to turret head 500 mm.
- Bed length 800 mm.
- (3) Round bar capacity Dia. 25 mm.
- (4) \_\_\_\_\_

K. Power Source : Individual Motor drive.

(a) Motor Driven	(b) Belt Driven
AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>	Cone <input type="checkbox"/>
<u>1.5</u> HP	Pulley <input type="checkbox"/>

L. Weight : 900 Kgs. Length : 1.6 Meters  
 Width : 0.8 Meters Height : 1.35 Meters

M. Brief Description of Machine Characteristics: