DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.

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

Description of contents

(1) Box no. 3012

(2) Folder title/number: (8)
Tanabe Seiyaku K. Onoda Kojyo

(3) Date: Feb. 1946

(4) Subject:

Classification	Type of record
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(5) Item description and comment:

Onoda

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

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18-P,101 Serial No. of Report

file

APPLICATION FOR OPERATION OF

AND

REPORT ON INDUSTRIAL FACILITIES

TO:

THRU:

TANABE SEIYAKU K.K. ONODA PLANT ,
YAMAGUCHI PREFECTURE,ONODA CITY,
OAZA ONODA 7476
Name and Address of Reporting Unit

FEB4 1946
Date

1. NAME OF FACILITY: Tanabe Seiyaku K. K. Onoda Plant.
2. LOCATION: Yamaguchi Prefecture, Onoda City, Oaza Onoda 7476
3. NAME OF PRESIDENT OR MANAGER: Seiichi Kimura
4. HISTORY:
   a. Date of construction: January 1925
   b. Date of first operation: June 1925
   c. 1935-1941 Production (Annual value in yen/ quantities of principal products by units or weights):

Salicylic Acid and its Salts

Year	Quantity:		Value	
1935	137,050	kilogramm	Yen	297,835.38
1936	106,080	"	"	223,536.00
1937	90,862	"	"	177,800.06
1938	60,396	"	"	164,139.10
1939	122,186	"	"	474,042.80
1940	135,213	"	"	561,686.80
1941	188,983	"	"	866,157.62

   d. Present capitalization in yen; 5,500,000 yen
      (all capital paid up)
   e. Changes made in capital structure since 1935:
      Increaded capital by 450,000 yen July 1, 1935
      " " " 400,000 " August 4, 1936
      " " " 500,000 " August 2, 1937

   f. Name and address of parent company:
      Tanabe Seiyaku K.K.
      21 3-Chome, Doshomachi
      Higashi-ku, Osaka

   g. Number of shares outstanding: None

   h. Number of stockholders (Give names of those owning 10% or more of total):
      Gohei Tanabe (97%) 5,335,000 Yen

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#2- (Report on Industrial Facilities)

i. Funds received from Government (Bounties, subsidies, etc.): None

j. On reverse side give outline sketch of plant layout with approximate dimensions:
See appended sheet of outline sketch.

5. Description:

a. Principal products:

	Phenol, and its Salts,	Salicylic Acid	Sulfanilamide
1. Wartime:	"	"	"
2. At present:	"	"	"
3. Planned for 1946-47			

b. Capacity: (per month)

	Phenol, and its Salts,	Salicylic Acid	Sulfanilamide
1. Wartime	30 tons	43.5 tons	4 tons
2. At present:	30 "	43.5 "	4 "
3. 1946-47 (With unrestricted access to materials)	30 tons	43.5 tons	4 tons

c. Number of employees:

1. Wartime:	Male 61	Female	30	Total	91
2. At present:	" 109	"	27	"	136
3. 1946-47 (At maximum capacity):	Male 139	Female	45	Total	184

6. Machinery & equipment in plant:

Description	Quantity
Boiler	4
Reaction machine	27
Decomposing trough	9
Neutralizing trough	15
Benzene vaporizer	2
Separatory trough	16
Dissolving trough	20
Condenser	10
Storage tank	15
Evaporater	5
Vacuum evaporator	5
Vacuum filter	6
Melting pot	7
Centrifuge	13
Vacuum distilling apparatus	6
Vacuum pump	7
Crystalizer	10
Distilling apparatus	3
Vacuum desiccator	6
Solvent trough	14
Ammonia compressor	2
Autoclave	10
Air compressor	3
Gas washing apparatus	2
Filter	3
Subliming apparatus	6
Drying room	11

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Description	Quantity
Steam superheater	4
Motor	108
Transformer and accessories	1
Ordinary lathe	1
Electric drill	4
Hammer	1

7. Present stocks of raw materials, supplies and unfinished goods:

Description	Quantity
Benzene	139,884 kilogramm
Sodium hydroxide	151,898 "
Sodium carbonate	103,856 "
66° Bé Sulphuric acid	12,245 "
50° Bé " "	0 "
Anhydrous acetic acid	49,060 "
Liquid carbon dioxide	4,460 "
Barium chloride	47 "
Sodium sulphite	29,500 "
Sodium bicarbonate	9,680 "
Anhydrous sodium sulphate	111 "
Methyl alcohol	7,834 "
Oxalic acid	99 "
Charcoal	1,543 "
Acetoanilide	795 "
Sodium sulfide	0 "
Calcium chloride	30 "
Chlorosulphuric acid	5,750 "
Liquid ammonia	847 "
Calcium carbonate	148,765 "
Colloidal sulphur	831 "
Toluene	27,500 "
Glacial acetic acid	21,100 "
Ethyl alcohol	8,516 "

8. Present stocks of finished goods:

Description	Quantity
Phenol	23,748 kilogramm
Sublimed salicylic acid	4,243 "
Salicylic acid for industrial use	11,269 "

9. Present stocks of fuel:

Description	Quantity
Coal	951 tons

10. Machinery & equipment needed for maximum production 1946-47:

Description	Quantity
Boiler	4
Reaction machine	27
Decomposing trough	9
Neutralizing trough	15
Benzene vaporizer	2
Separatory trough	16
Dissolving trough	20

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Description	Quantity
Condenser	10
Storage tank	15
Evaporator	5
Vacuum evaporator	5
Vacuum filter	6
Melting pot	7
Centrifuge	13
Vacuum distilling apparatus	6
Vacuum pump	7
Crystalizer	10
Distilling apparatus	3
Vacuum desiccator	6
Solvent trough	14
Ammonia compressor	2
Autoclave	10
Air compressor	3
Gas washing apparatus	2
Filter	3
Subliming apparatus	6
Drying room	11
Steam superheater	4
Motor	108
Transformer and accessories	1
Ordinary lathe	1
Electric drill	4
Hammer	1

11. Raw materials & supplies needed (monthly):
    a. For present capacity (5b2 above):

Description	Quantity
Benzene	39,620 kilogramm
Sodium hydroxide	54,300 "
Sodium carbonate	38,674 "
66° Bé sulphuric acid	65,215 "
50° Bé " "	19,500 "
Anhydrous acetic acid	10,600 "
Liquid carbon dioxide	8,250 "
Barium chloride	5 "
Sodium sulphite	900 "
Sodium bicarbonate	5,600 "
Methyl alcohol	5,135 "
Oxalic acid	122 "
Charcoal	100 "
Aceto-anilide	7,168 "
Sodium sulphide	200 "
Calcium chloride	352 "
Chlorosulphuric acid	31,049 "
Liquid ammonia	2,088 "
19° Bé Hydrochloric acid	12,148 "
Calcium carbonate	9,600 "
Phenol	16,350 "
Sodium salicylate	4,060 "
Salicylic acid	22,784 "
Acetic acid	3,000 "
Phosphorous oxychloride	7,200 "
Anhydrous sodium sulphate	26 "

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Description	Quantity
Ethyl alcohol	6,000 liters
Steel	2,000 kilogramm
Lumber	30 Koku
Oxygen	140 meter^3
Electricity	40,000 K.W.H.
Filter clothe	160 yards

b. For maximum (5b3 above)

Description	Quantity
Benzene	39,620 kilogramm
Sodium hydroxide	54,300 "
Sodium carbonate	38,674 "
66° Bé sulphuric acid	65,215 "
50° Bé " "	19,500 "
Anhydrous acetic acid	10,600 "
Liquid carbon dioxide	8,250 "
Barium chloride	5 "
Sodium sulphite	900 "
Sodium bicarbonate	5,600 "
Methyl alcohol	5,135 "
Oxalic acid	122 "
Charcoal	100 "
Aceto-anilide	7,168 "
Sodium sulphide	200 "
Calcium chloride	352 "
Chlorosulphuric acid	31,049 "
Liquid ammonia	2,088 "
19° Bé hydrochloric acid	12,148 "
Calcium carbonate	9,600 "
Phenol	16,350 "
Sodium salicylate	4,060 "
Salicylic acid	22,784 "
Acetic acid	3,100 "
Phosphorous oxychloride	7,200 "
Anhydrous sodium sulphate	26 "
Ethyl alcohol	6,000 liters
Steel	2,000 kilogramm
Lumber	30 Koku
Oxygen	140 meters^3
Electricity	40,000 K.W.H.
Filter clothe	160 yards

12. Fuel needed (monthly) (Donot include present stocks):

Description	Quantity
Coal	600 tons

13. Additional personnel needed (Not locally available):

Special skills:	Number
Male	30
Female	18
Total	40

14. Prices (Give current selling prices in yen of principal products):

Description	Unit	Price
Phenol	500 gramm	Yen 4.48
"	1,000 "	" 7.39
Salicylic acid	25 "	" 0.48

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Description	Unit		Price	
Salicylic acid	500	gramm	Yen	6.38
Phenyl salicylate	25	"	"	0.32
" "	500	"	"	4.81
Sodium salicylate	25	"	"	0.58
" "	500	"	"	8.35
Methyl salicylate	25	"	"	0.27
" "	500	"	"	3.56
Aspirin	25	"	"	1.23
"	500	"	"	21.10
Sulfanilamide	25	"	"	1.24
"	500	"	"	21.30

15. Remarks (Include here any factors hampering production not already mentioned and any recommendations you consider necessary):

a. Raw materials: The procurement of sulphuric acid, sodium hydroxide, and sodium salts in general was difficult during the war as well as after the war and it is impossible to exhibit maximum capacity.

b. Equipments: Installations of various equipments could not be carried out as we pleased during the war as well as after the war and hence the maximum efficiency was never attained.

c. Transportation: Due to inadequacy of railroad and other small transportation facilities it was very difficult to procure raw materials.

d. Welfare of workers: In order to raise the morale of the workers so as to cause increased production, installation of various recreational facilities have been attempted but unable to do as we pleased.

16. Certification by applicant:
I certify that the information contained herein is true to the best of my knowledge and belief.

Signed: _____

Title: _____

17. Action by occupation forces:
The factory described in this application has been inspected and the following action:

a. Ordered to remain closed: Yes_____ No_____

b. Ordered to cease operations immediately: Yes_____ No_____

c. Authorized to produce at the following rate:

Item to be manufactured	Monthly quantity

_____
Signature of Authorizing Officer

_____
Designation of Authorizing Unit

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INSTRUCTIONS:

1. The purpose of this form is to present a complete picture of the factory concerned.

2. If exact information is not available make estimates and mark them as such.

3. Use the reverse side of any sheet for data there is not space for on the face of the form.

4. Where capacities, quantities are given state clearly unit of measure being used.

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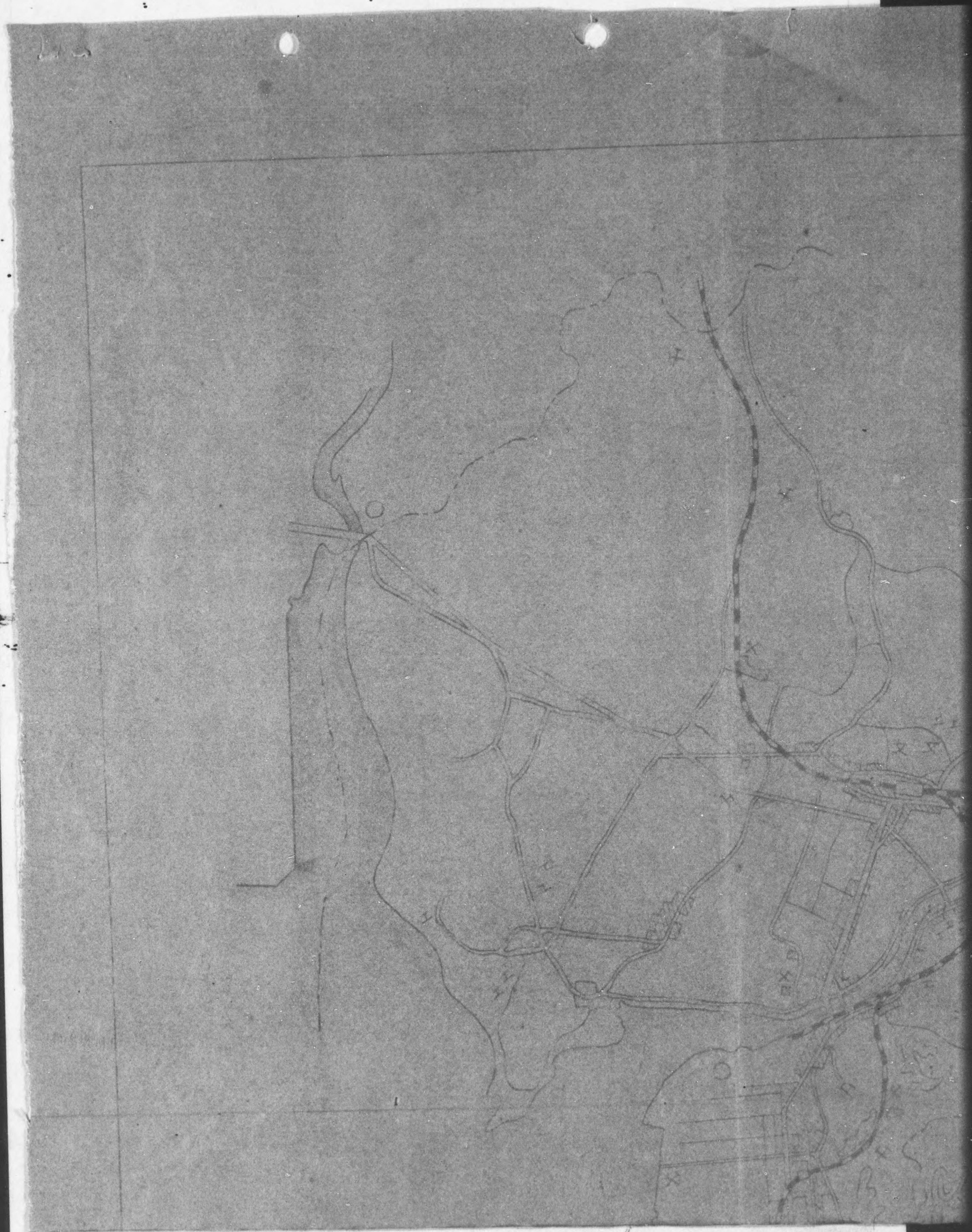

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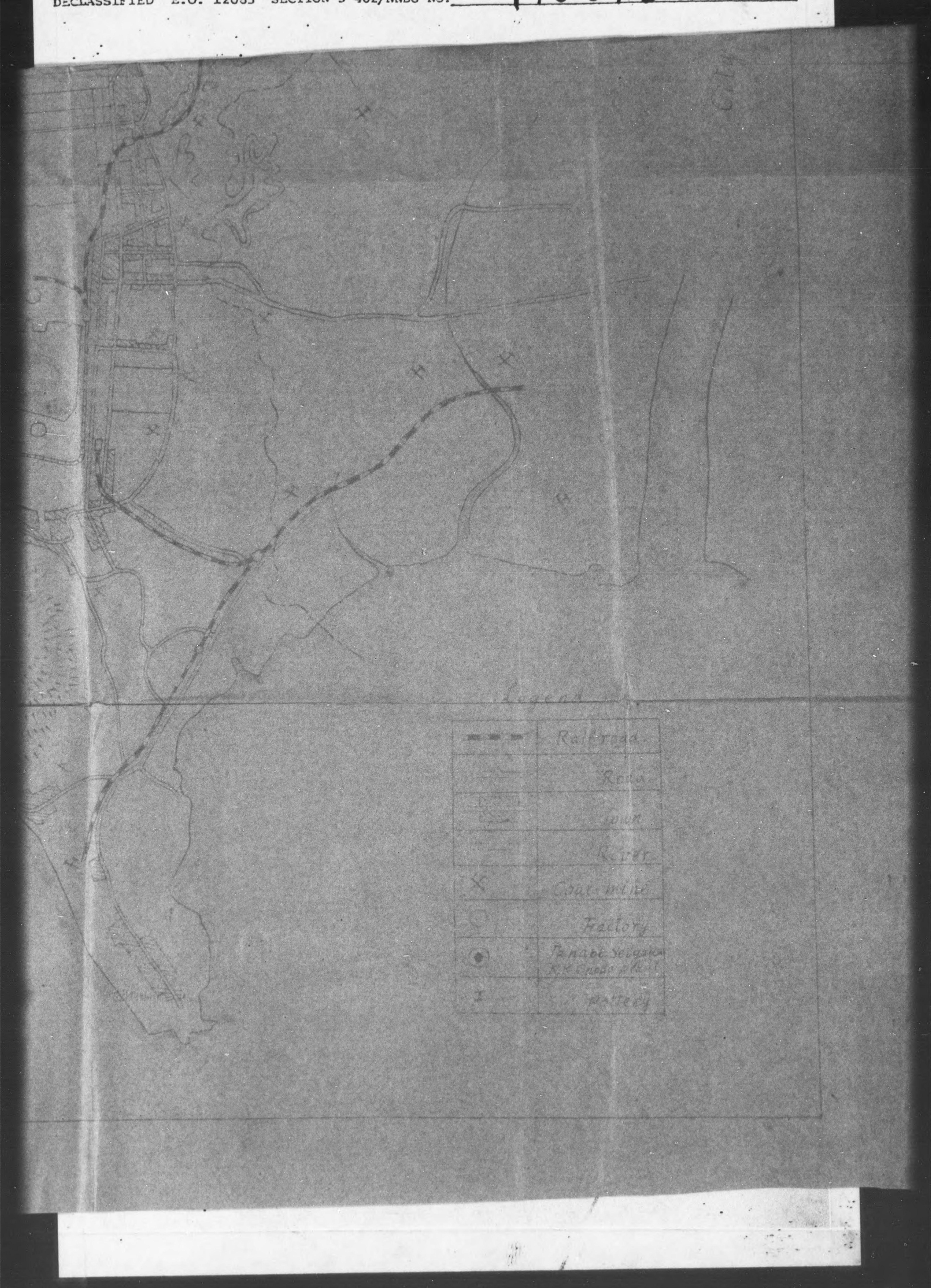

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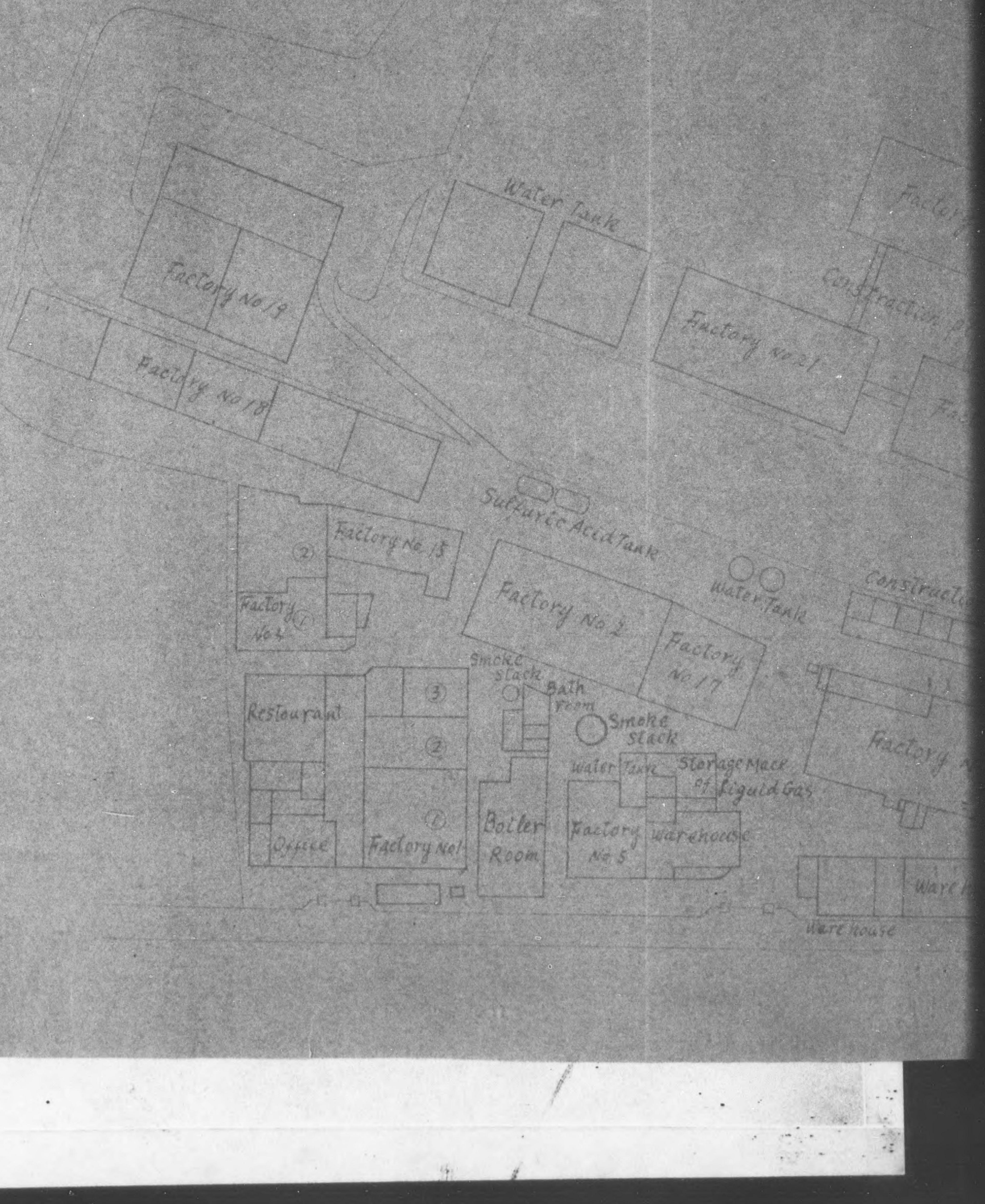
Outlin Sketch of Tanabe Seiyaku K K



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Outlin Sketch of Tanabe Seiyaku K K Onoda plant

Scale 1/1200

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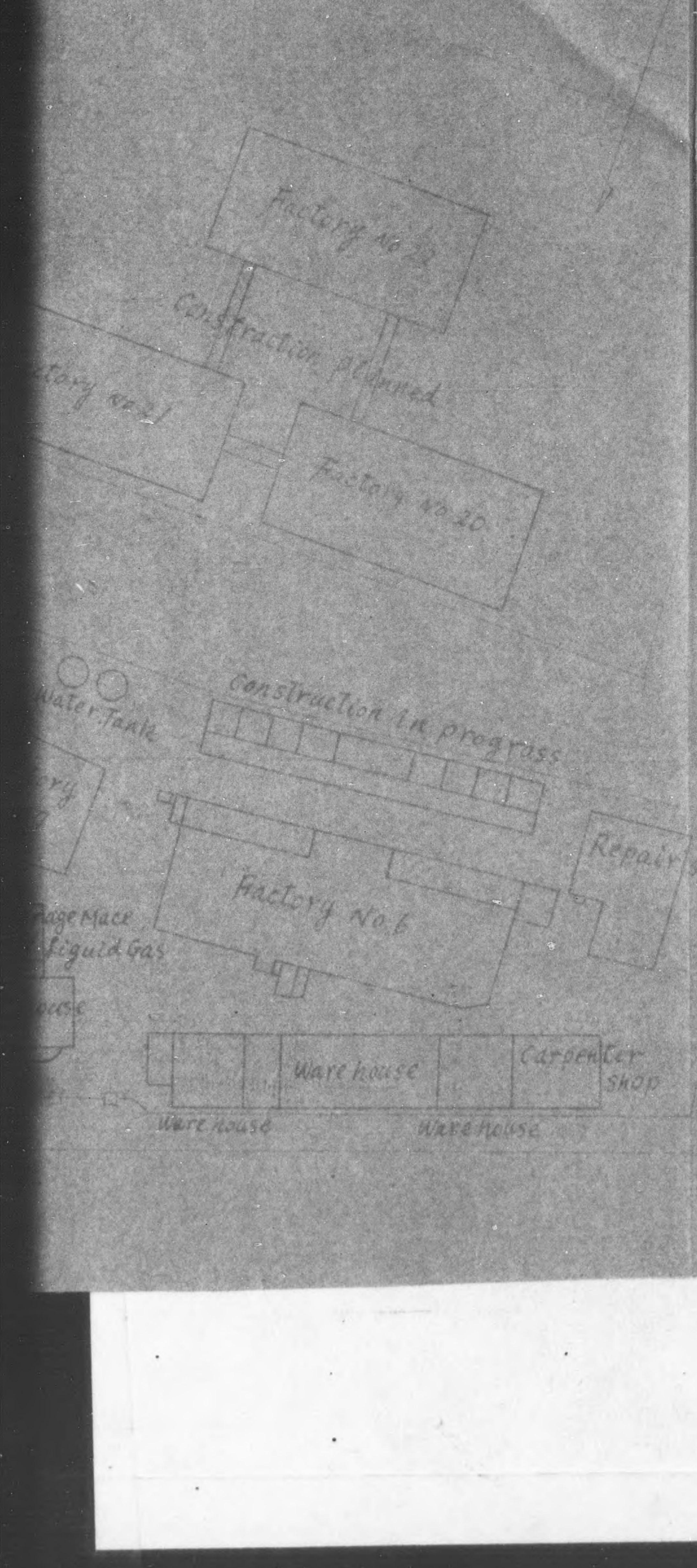
nabe Seiyaku K K Onoda plant

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