

775013

M1-1d  
22-24

*Mr. [unclear]*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
APO 500

KINKI INFORMATION:  
MAR 31 1951  
O.D. III

*My*

AG 387.6( 29 Mar 51 )GPC/AD

29 March 1951

SUBJECT: Release of Reparations Vessels

TO: Commander  
United States Naval Forces, Far East  
Navy No. 1165

1. Transmitted as Inclosure 1 is a copy of memorandum to the Reparations Division, Reparations Agency, Japanese Government, releasing reparations vessels as scrap.

2. It is requested that the Commander, United States Naval Forces, Far East release resulting scrap under provisions of Occupation Instructions 5, 1 April 1950, and that General Headquarters, Supreme Commander for the Allied Powers be informed of action taken.

BY COMMAND OF GENERAL MacARTHUR:

1 Incl  
Memo for Rep Div,  
Rep Agy, JG (cy)

/s/ C. A. BARNES  
Lt Col, AGC  
Asst Adj Gen

DISTR:  
ESS  
CAS

1-2142



CIVIL PROPERTY CUSTODIAN  
APO 500

387.6( )CPG/AD

MEMORANDUM FOR: Reparations Division, Reparations Agency, Japanese  
Government, Tokyo, Japan

SUBJECT: Release of Reparations Vessels

1. Reference is made to letter from Reparations Agency,  
Reparations Division, RAR No. 252 (MS), 7 February 1951, subject,  
"Transmittal of Application for Release of Reparations Vessels".

2. The following listed reparations vessels are released as  
scrap:

<u>Inventory No.</u>	<u>Description</u>
19N-32B-462	Freight Lighter
19N-32B-411	Freight Lighter
27-03-13786	Sampan
19N-32B-456	Sampan
27-03-9232	Pontoon
27-03-9229	Sampan
11-5(5)-3707	Tug Boat
11-5(5)-3709	Motor Sampan
11-5(5)-3715	Sampan
11-5(5)-3716	Sampan
11-5(5)-9726	Motor Sampan
11-5(5)-10571	Pontoon
11-5(241)-2	Tug Boat
KO 14	Motor Boat
KO 26	Motor Boat
22-24-10649	Launch
22-24-10650	Sampan
22-24-10651	Sampan
22-24-10653	Sampan
22-24-13827	Pontoon
22-24-13828	Pontoon
22-24-13829	Pontoon
22-24-13830	Pontoon
22-24-13831	Pontoon
22-24-13882	Pontoon
22-24-15191	Pontoon
22-24-15191	Pontoon
22-24-15191	Pontoon
22-24-15191	Pontoon



387.6( )CPC/AD  
 SUBJECT: Release of Reparations Vessels

<u>Inventory No.</u>	<u>Description</u>
03-03-311	Sampan
11-06(239)-1	Tug & Traffic Boat
11-06(255)-1	Pontoon
14-1-1269	Motor Sampan
27-04-9044	Launch

3. Upon receipt of notification from the Commander, United States Naval Forces, Far East of the release of this equipment from former military status, final disposition may be made.

DISTR:  
 ESS  
 CAS  
 COMNAVFE

F. E. GILLWITE  
 Colonel, Infantry  
 Custodian



C O P Y

REPARATIONS AGENCY  
REPARATIONS DIVISION

TO: GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED  
POWERS.

FROM: Reparations Agency, Tokyo.

SUBJECT: Transmittal of Application for Release of Reparations  
Vessels.

R.A.R.No. 252 (MS)

7 February 1951.

The Reparations Agency hereby submits to your Headquarters 2 applications for release of reparations vessels as scrap rendered by the Ministry of Finance, as enclosed herewith.

/s/ Y. Katsuno  
(Y. Katsuno)  
Director, Reparations Division  
Reparations Agency.

## Incls:

- a) Application for Release of  
Reparations Vessel Missing or  
Sunk.
- b) Application for Release of  
Reparations Vessel as Scrap.

C O P Y



MI-1d  
22-24

HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 15

JJH/ym

EC: 523.093

31 March 1951

SUBJECT: Release of Reparations Equipment, Maizuru Naval Arsenal,  
22-24

THRU: Kinki Liaison &amp; Coordination Office

TO: The Director  
Kinki Finance Bureau

1. Reference is made to your letter, file KFB 216, dated 7 March 1951, a copy of which is attached hereto.
2. Existing policies at higher headquarters preclude the release of the equipment listed in referenced letter from reparations custody.
3. In the event public institutions desire the authorized use of subject equipment, requests may be submitted to the Civil Property Custodian through the appropriate Japanese Government channels.

FOR THE CHIEF:

1 Incl:  
Appl KFB #216,  
dtd 7 Mar 51STERLIN C. MOORE  
Major Infantry  
Deputy Chief



775013

Ltr, Kinki CAR, EC 523.093, subj: Release of Reparations Equipment,  
Maizuru Naval Arsenal, 22-24, 14 Mar 51

387.6 ( 14 Mar 51 )CAS-EI 1st Ind

GHQ, SCAP, Civil Affairs Section, APO 500

29 MAR 1951

*c-991*

TO: Chief, Kinki Civil Affairs Region, APO 15

1. Existing policies preclude the release of the equipment listed on inclosure to basic letter from reparations custody.

2. In the event public institutions desire the authorized use of subject equipment, requests may be submitted to General Headquarters, Supreme Commander for the Allied Powers through established channels for approval.

FOR THE CHIEF, CIVIL AFFAIRS SECTION:

1 Incl:  
n/c

*J. A. O'Brien*  
J. A. O'BRIEN  
CWO USA  
Off  
RECORDED



1-2134



HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 15

JDF/at

6225  
EC 523.093

14 March 1951

SUBJECT: Release of Reparations Equipment, Maizuru Naval Arsenal,  
22-24

TO : SUPREME COMMANDER FOR THE ALLIED POWERS  
Attention: Chief, Civil Affairs Section (Economics)  
APO 500

1. Inclosure is an application from the Kinki Finance Bureau for release of equipment of the Maizuru Naval Arsenal, 22-24.
2. Items are those which were designated in 1948 for shipment to the 5250th T.I.D., Tokyo, but instructions were given to hold shipment of them, and the Finance Bureau never received any further instructions.
3. The items were never inventoried nor evaluated. On instructions from your headquarters, inventory numbers have been assigned for identification purposes.
4. Release from reparations custody is recommended.

FOR THE CHIEF:

1 Incl:  
Ltr KFB #216, 7 Mar 1951  
(dup)

*Sterlin C. Moore*  
STERLIN C. MOORE  
Major Infantry  
Deputy Chief



KINKI FINANCE BUREAU  
(Osaka)

7 March 1951

KFB No. 216

TO : Chief,  
Kinki Civil Affairs Region

THROUGH: Kinki Liaison &amp; Coordination Office

SUBJECT: Application for Release of Military Facilities  
in Maizuru Naval Arsenal, Code No. 22-24.

1. The Bureau hereby submits to your Headquarters the application for release of 3,378 pieces of meters and others cited in the attached list which are located in Maizuru Naval Arsenal, Code No. 22-24.

2. These meters are neither inventoried nor evaluated.

3. Shipment of said items to the 5250th T.I.D. was cancelled by former Kyoto Mil. Govt. Team as per attached and they are still kept in the above Arsenal.

4. The items will be used for educational purposes by schools or utilized for civil industry.

FOR THE DIRECTOR:

*M. Matsuda*  
MATSUDA, Mitsuharu  
Deputy Director,  
Kinki Finance Bureau



LIST OF MILITARY FACILITIES

Name of Arsenal : Maizuru Naval Arsenal

Location : Kitasui, Maizuru-City, Kyoto Pref.

Code No. : 22 - 24

<u>Inv. No.</u>	<u>Name</u>	<u>Quantity</u>	<u>Remarks</u>
22816	Insulation Indicator (250V-Megger)	5	
22817	- do - (500V-Megger)	2	
22818	Circuits tester No.2 type	31	
22819	D.C. Volt meter (3V)	201	
22820	- do - (60V)	1	
22821	- do - (400V)	2	
22822	- do - (450V)	5	
22823	D.C. Ammeter (200A)	17	
22824	D.C. Volt Ammeter	33	
22425	A.C. Ammeter (200A)	33	
22826	A.C. & D.C. Ammeter (1-5A)	59	
22827	A.C. & D.C. Volt meter (75/150A)	35	
22828	- do - (150/300A)	13	
22829	"15"-2" type Wave meter	2	
22830	"92" type short wave meter	1	
22831	"96" type wave meter No.1 type	29	
22832	"96" type Ultra short wave meter No.1 type	9	
22833	"97" type short wave meter No.1 type	25	
22834	"99" type wave meter	15	
22835	- do - No.1 type	4	
22836	"99" short wave meter	13	
22837	"0" type Ultra Short wave meter	5	
22838	"98" type Vacuum tube tester	17	

- cont'd -



- 2 -

<u>Inv. No.</u>	<u>Name</u>	<u>Quantity</u>	<u>Remarks</u>
22839	Rectifier tube	134	
22840	Brown tube (75A)	70	
22841	- do - (150G)	23	
22842	Cadomium tester	28	
22843	Stop watch	3	
22844	- do - (for special purpose)	40	
22845	- do - (for No.3 type)	40	
22846	Mercurial thermometer	9	
22847	Self recording Barometer	2	
22848	Self recording thermometer	27	
22849	Self recording Hydrometer	10	
22850	Tachometer	195	
22851	Chemical	1	
22852	Phrometer	2	
22853	Vibration tester	1	
22854	Densimeter	1	
22855	Ishikawa type speed meter	3	
22856	Accelerometer	2	
22857	Viscosimeter	2	
22858	Anemometer	6	
22859	Volumenometer	2	
22860	Steam pressure indicator	55	
22861	Pressure Gauge Tester	5 sets	
22862	Freezingpint tester	27	
22863	Caliper	122	
22864	Filler Gauge	36	
22865	Gear Measuring gauge	2	
22866	Dial Gauge	14	
22867	Calipers attached verneer scale	20	
22868	Wire Gauge	20	
22869	Screw Gauge	8	

- cont'd -



- 3 -

<u>Inv. No.</u>	<u>Name</u>	<u>Quantity</u>	<u>Remarks</u>
22870	Revolution counter	1	
22871	Colli meter	1	
22872	Circuits tester (for small current menochi type)	2	
22873	Insulation testing Instrument	1	
22874	Transformer (for low voltage Elc. source)	13	
22875	Transformer	2	
22876	Resister	2	
22877	Measuring regulation of magnetic Field	1	
22878	Measuring Ammeter of magnetic field	1	
22879	Vertical magnetic field tester	1	
22880	Ammeter	3	
22881	Volt meter	3	
22882	Switch	1	
22883	Electric circuit connector	3	
22884	Push-Button Switch	1	
22885	Small electric valve	450	
22886	D.C. Motor	1	
22887	D.C. Motor Generator	1	
22888	Electric drying furnace	1	
22889	Rectifier	1	
22890	Copper oxide rectifier (20V 10A)	2	
22891	- do - (20V 20A)	2	
22892	Small type rectifier (240-330V/3A)	1	
22893	Rectifier No.1 type (100V)	6	
22894	Rectifier No.3 type	79	
22895	Resister (for rectifier)	9	
22896	Rectifier No.1 type (220V)	1	
22897	- do - (100V)	19	
22898	Rectifier No.1 type	334	

- cont'd -



- 4 -

<u>Inv. No.</u>	<u>Name</u>	<u>Quantity</u>	<u>Remarks</u>
22899	Pressure gauge (for air-10Kg/cm <sup>2</sup> )	80	
22900	- do - (for air-50Kg/cm <sup>2</sup> )	89	
22901	- do - ( " -250Kg/cm <sup>2</sup> )	25	
22902	- do - (for No.1 type 4Kg/cm <sup>2</sup> )	90	
22903	- do - ( " 60 " )	40	
22904	- do - ( " 100 " )	90	
22905	- do - ( " 120 " )	102	
22906	- do - ( " 200 " )	20	
22907	- do - ( " 300 " )	104	
22908	- do - ( " 500 " )	108	
22909	- do - (for No.2 type 4Kg/cm <sup>2</sup> )	39	
22910	- do - ( " 20 " )	50	
22911	- do - ( " 300 " )	50	
22912	- do - ( " 500 " )	35	
22913	Pressure Gauge (4Kg/cm <sup>2</sup> )	2	
22915	Volatile oil tester	22	
22914	Pressure Gauge (10Kg/cm <sup>2</sup> )	1	
22916	Meter	2	
22917	Pressure Gauge (400Kg/cm <sup>2</sup> )	18	
22918	Octan value tester	1 set	

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Total: 102 Items (3,378 pieces)



775013

MI-1d

22-24

HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 15

JDF/at

EC 523.093

14 March 1951

SUBJECT: Release of Reparations Equipment, Maizuru Naval Arsenal,  
22-24

TO : SUPREME COMMANDER FOR THE ALLIED POWERS  
Attention: Chief, Civil Affairs Section (Economics)  
APO 500

1. Inclosure is an application from the Kinki Finance Bureau for release of equipment of the Maizuru Naval Arsenal, 22-24.
2. Items are those which were designated in 1948 for shipment to the 5250th T.I.D., Tokyo, but instructions were given to hold shipment of them, and the Finance Bureau never received any further instructions.
3. The items were never inventoried nor evaluated. On instructions from your headquarters, inventory numbers have been assigned for identification purposes.
4. Release from reparations custody is recommended.

FOR THE CHIEF:

1 Incl:  
ltr KPB #216, 7 Mar 1951  
(dup)

STERLIN C. MOORE  
Major Infantry  
Deputy Chief

1-87

Economics



775013

M-1d  
22-24

HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 15

JH/ym

EC: 600.3

27 March 1951

SUBJECT: Expenditure of Funds for Building Repair and Machine Maintenance, Maizuru Naval Arsenal, 22-24

THRU: Kinki Liaison & Coordination Office

TO: The Director  
Kinki Finance Bureau

1. Expenditure from reparations funds of \$164,707 for building repairs and \$117,347 for maintenance of 506 reparations machines, 398 items under Code No. 22-24 and 108 items under Code No. 22-24B, at subject plant, as recommended by your office in Inclosure 1, is approved.

2. Investigation revealed that many of the items listed in the original application were not in need of maintenance, and the approved number was correspondingly reduced. Representatives from your branch offices at Kyoto and at Maizuru as well as representatives of subject plant were present and concurred in these conclusions.

3. It is requested that this headquarters be notified when the work is completed.

FOR THE CHIEF:

1 Incl:  
Application from Kinki  
Finance Bureau

STERLIN C. MOORE  
Major Infantry  
Deputy Chief



KINKI FINANCE BUREAU  
(Osaka)

8 January 1951

KFB No. 169

TO : Chief,  
Headquarters, Kinki Civil Affairs Region

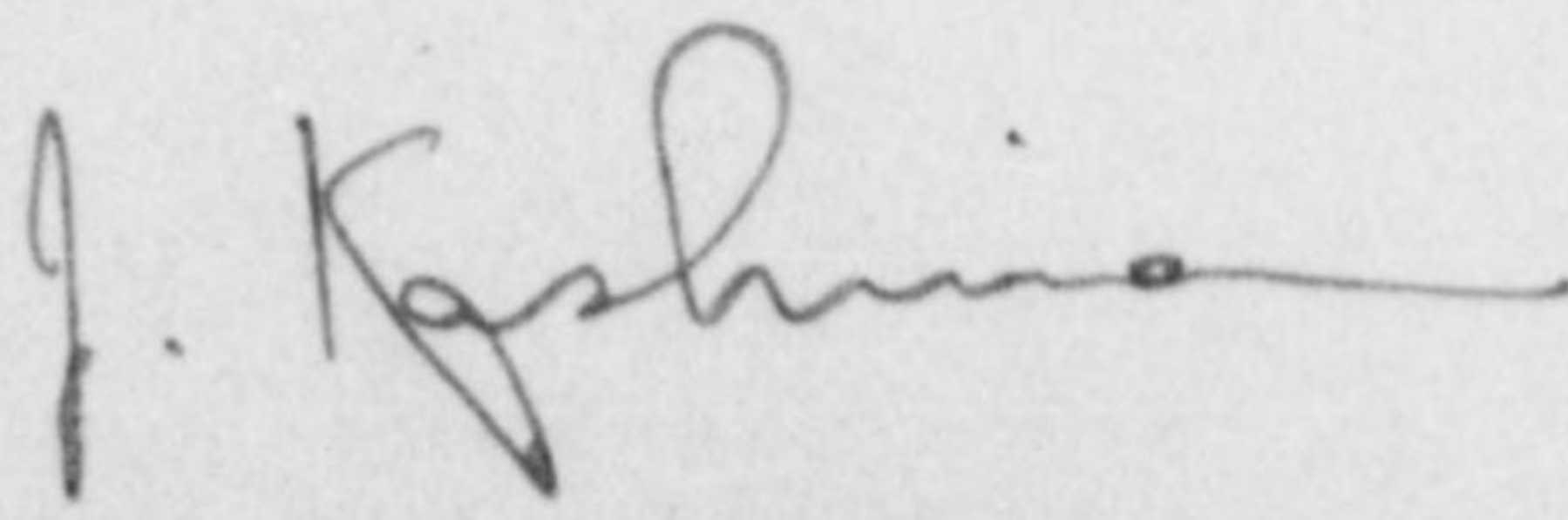
THROUGH: Kinki Liaison and Coordination Office

SUBJECT: Application for Funds for Maintenance, and  
Repair of Buildings located at Iino Sangyo  
K.K. Maizuru Shipbuilding Yard.

1. Reference is made to memorandum for Reparation Agency, Japanese Government, 387.6 (2 Jun 50) CPC/EX, subject, "Expenditure of Funds for Maintenance, Centralization of Machine, and Repair of Buildings in Reparation Plants" dated 11 September 1950.

2. In compliance with instruction cited in above referenced memorandum, this Bureau wishes to submit the attached application for your favourable consideration.

Incl: Application

  
KASHIMA, Juntaro  
Director,  
Kinki Finance Bureau

KN/ib/mk



APPLICATION FOR FUNDS FOR MAINTENANCE OF REPARATION MACHINES AND REPAIR OF BUILDINGS LOCATED AT IINO SANGYO KK MAIZURU SHIPBUILDING YARD

- 1. Code No. : 22-24, 24(B)
- 2. Name of Plant : Iino Sangyo KK Maizuru Shipyard
- 3. Location : Amaribe, Maizuru-shi, Kyoto Prefecture
- 4. Necessary Repair:

a. Buildings.

<u>Bldg.No.</u>	<u>Name</u>	<u>Construction</u>	<u>Extent of Repair</u>	<u>Estimated Cost of Repair</u>
N/A	Forgery Shop	Steel-framed, iron plate roofing	190400 sq.m. of roofing damaged	164,707.00

Remarks: The total roof area of the above building is 1,488,000 sq. meter, no repair of roofing will be made, but equipment will be covered by water-proof covers.

b. Maintenance of reparation machines.

<u>Inv. No.</u>	<u>Items</u>	<u>Point Value</u>
22-24	<del>992</del> 398	<del>44,867</del> 31708
22-24(B)	<del>127</del> 108	<del>8,157</del> 7915
Total:	<del>1,119</del> 506	<del>53,024</del> 39623

5. Breakdown Cost Estimate:

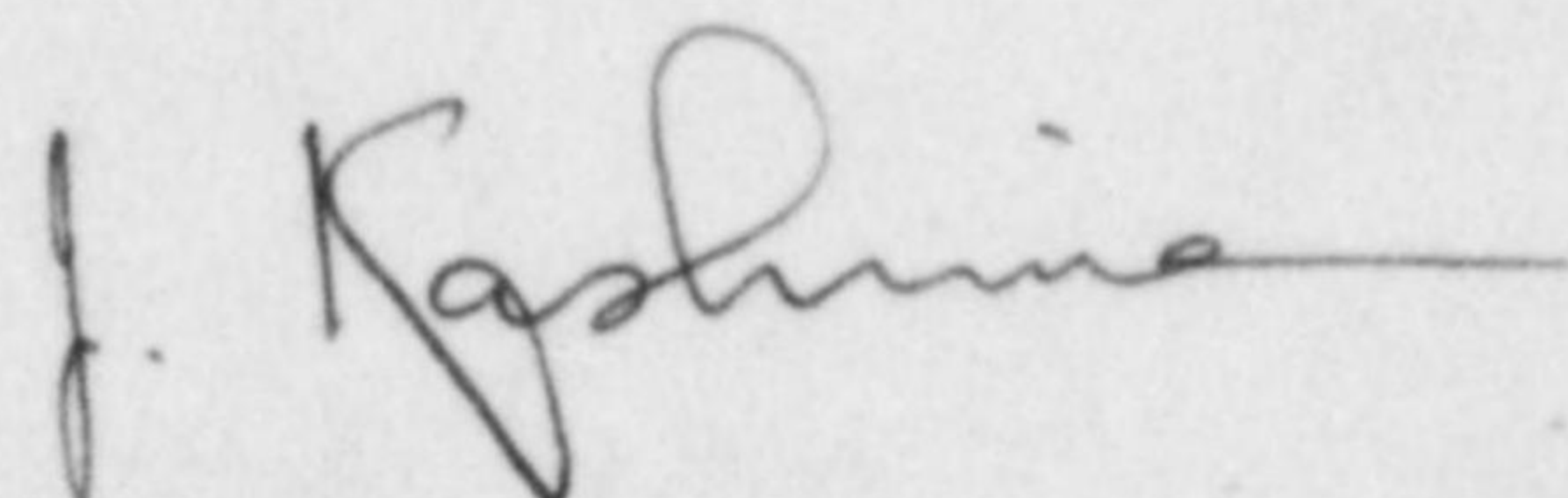
	<u>Repair</u>	<u>Maintenance</u>	<u>Total</u>
Material Cost	94,140.00	<del>20,723.00</del>	<del>114,863.00</del>
Labor	32,080.00	<del>320,850.00</del>	<del>352,930.00</del>
Transportation	4,500.00	<del>1,660.00</del>	<del>6,160.00</del>
Miscellaneous	33,987.00	<del>89,240.00</del>	<del>123,227.00</del>
Total:	164,707.00	<del>432,473.00</del>	<del>597,180.00</del>
		117,347	282,054



- 2 -

## 6. Certification:

I certify that this application has been investigated by this office, and that investigation has revealed that the application is valid under the provisions of memorandum from the Civil Property Custodian for the Japanese Government Reparations Agency, file 387.6 (2 Jun 50) CPC/EX, subject: "Expenditure of Funds for Maintenance, Centralization of Machines, and Repair of Buildings in Reparations Plants, dated 11 September 1950: that all of the work requested is necessary to prevent damage to, deterioration and/or theft of reparations equipment: that the funds requested approximate the minimum amount necessary to accomplish the work: and that materials to be purchased are not available from reparations stocks.



KASHIMA, Juntaro  
Director,  
Kinki Finance Bureau



MAIZURU WORKS  
IINO SANGYO KAISHA, LTD.  
Amarube,  
Maizuru City

Date: 8 Dec. 1950

ESTIMATE NO. 5-111

on

Rain-prevention Work for the Reparations Items  
custodied in the Former Arsenal Forging shop

TO : Kinki Zaimu Kyoku (Kinki Finance Bureau)

TOTAL VALUE

¥ 203,396.00

As per attached details.

Maizuru Works  
Iino Sangyo Kaisha, Ltd.

K. Yamada

For General Manager



Material or service	Item or Kind	Size	ATTACHED SHEET		Unit price
			Quality	Quantity	
Material	Galvanized corrugated iron plate	28#x3x6		180 sheets	¥ 570.00
	Coal-tar	18 litre can		2 cans	570.00
	Wire nail			24 Kg.	97.00
	Pine timber, balk	0.25x0.25x10 shaku		38 pcs.	62.50
	"	0.26x0.25x13.2 shaku		30 pcs.	82.50
	"	0.2x0.2x13.2 shaku		37 pcs.	53.00
	Pine timber, plate	0.1x0.2x10		10 sheets	20.00
	Timber		Matsu(pine)	8 Koku	1,200.00
	Pine timber, plate	0.1x0.2x6.6		9 sheets	14.00
Service	Civil engineering			20 men	500.00
	Carpenter			25 men	500.00
	Tinner			16 men	500.00
	Transporter			8 men	400.00
	Drainage work			20 men	500.00
	Miscellaneous work			30 men	400.00
	Miscellaneous expenses				
	Hire for equipments & tools				
	Overhead charges & profit				

TOTAL

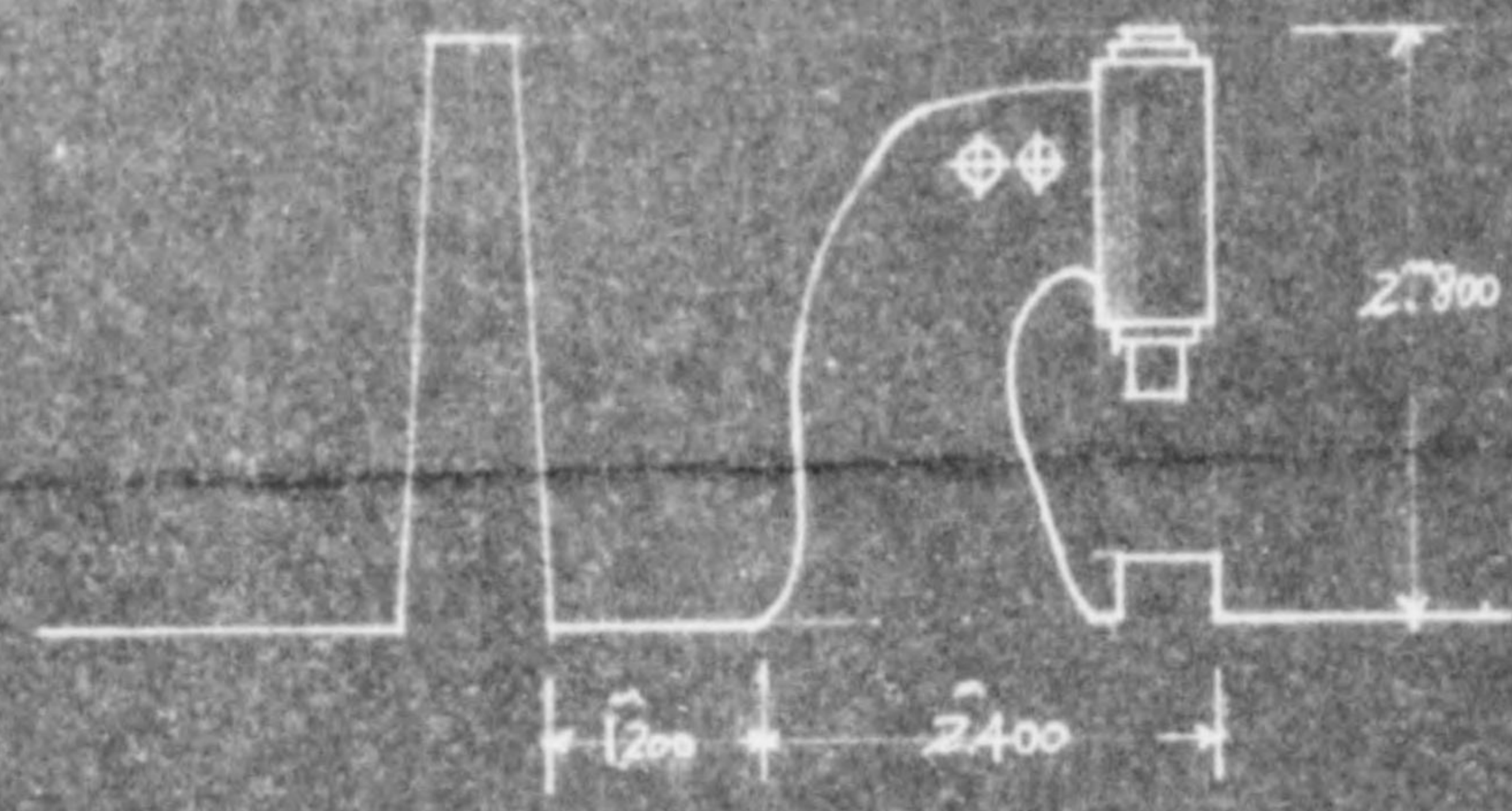


ATTACHED SHEET

Quality	Quantity	Unit price	Price	Remarks
	180 sheets	¥ 570.00	¥ 102,600.00	
CANN	2 cans	570.00	1,140.00	
	24 Kg.	97.00	2,328.00	
10 shaku	38 pcs.	62.50	2,375.00	
13.2 shaku	30 pcs.	82.50	2,475.00	
1.2 shaku	37 pcs.	53.00	1,961.00	
10	10 sheets	20.00	200.00	
Matsu(pine)	8 Koku	1,200.00	9,600.00	
6.6	9 sheets	14.00	126.00	
	20 men	500.00	10,000.00	
	25 men	500.00	12,500.00	
	16 men	500.00	8,000.00	
	8 men	400.00	3,200.00	
	20 men	500.00	10,000.00	
	30 men	400.00	12,000.00	
			4,000.00	
			2,400.00	
			18,491.00	
			<u>203,396.00</u>	

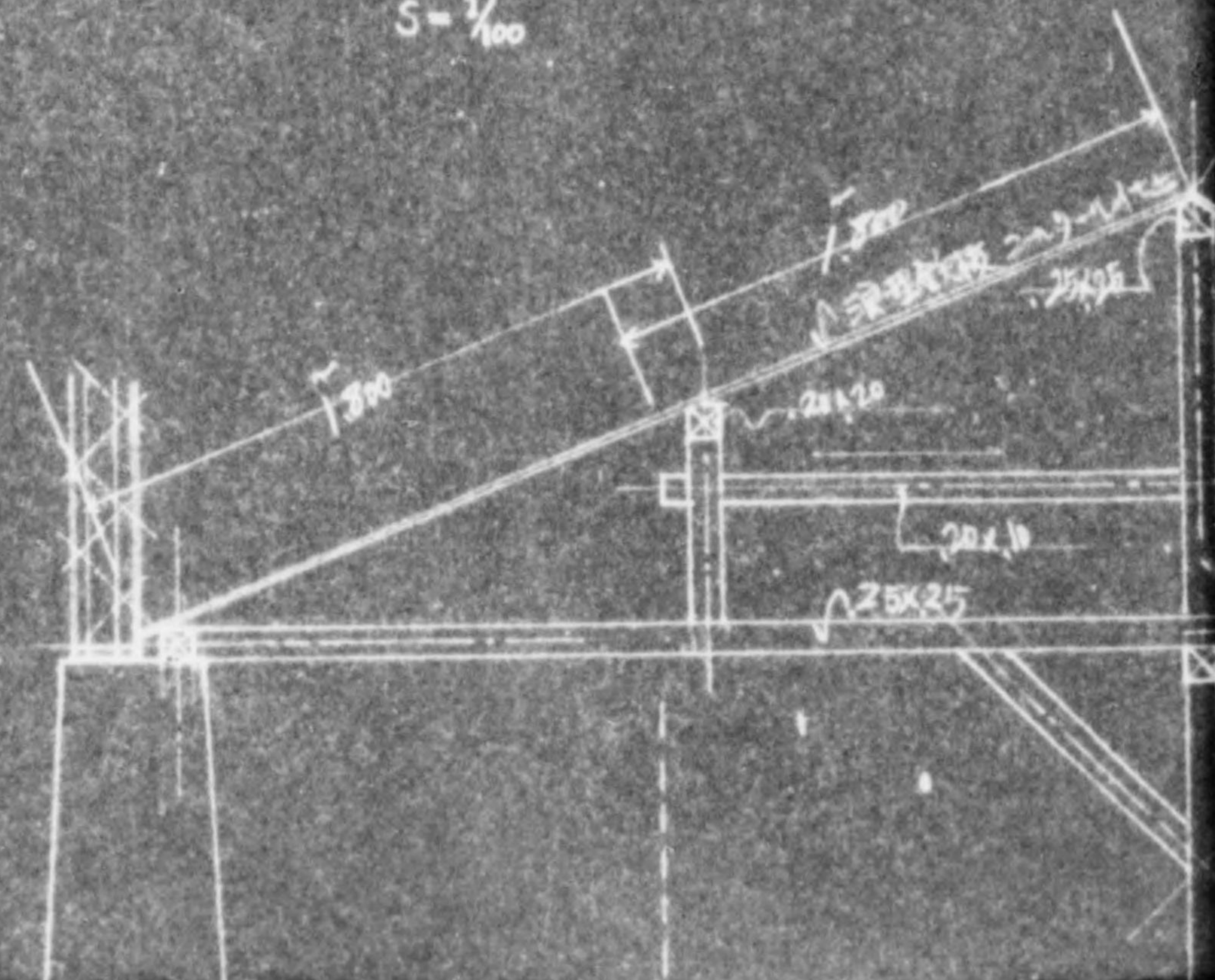


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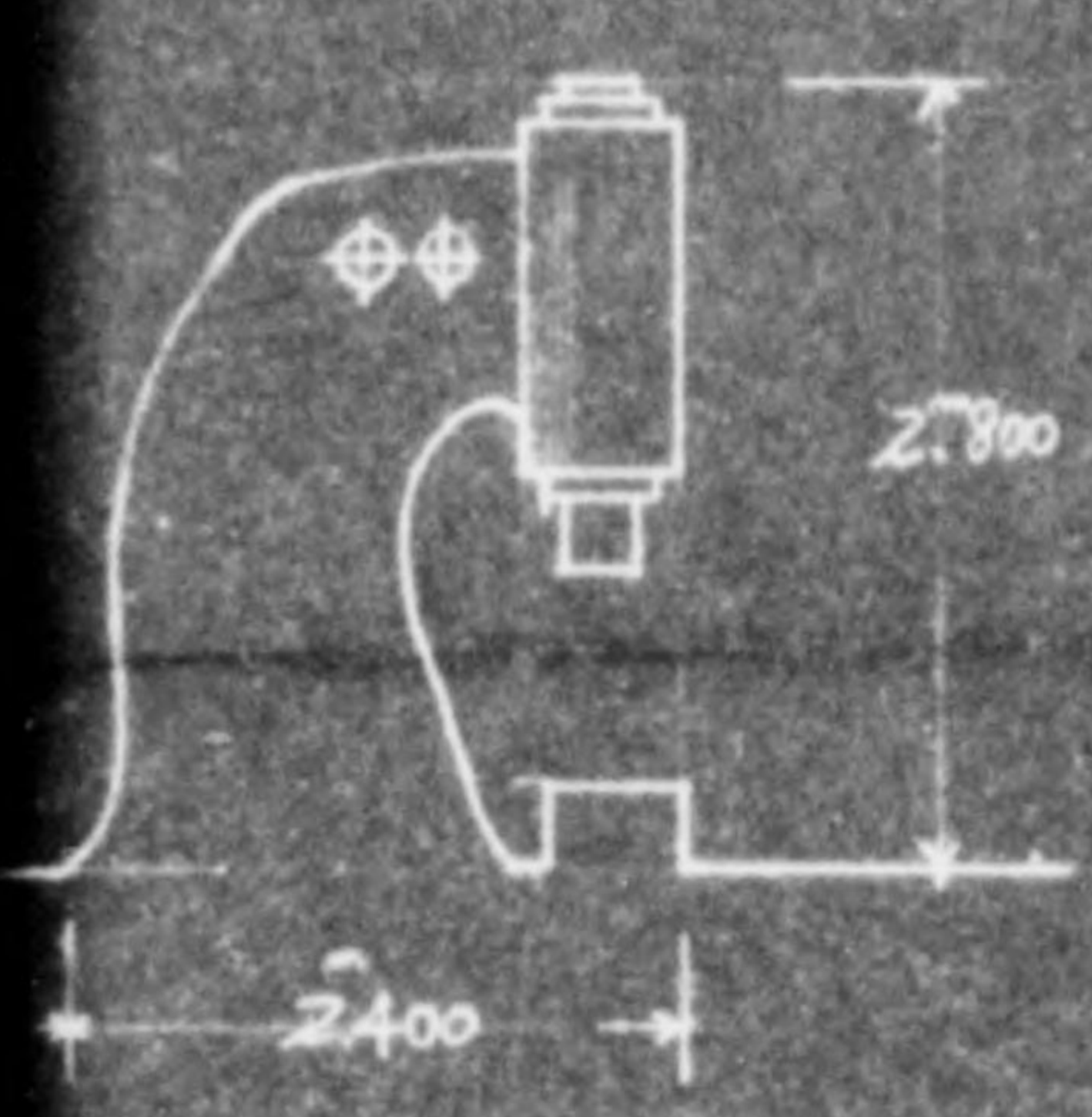


22-24 機械位置

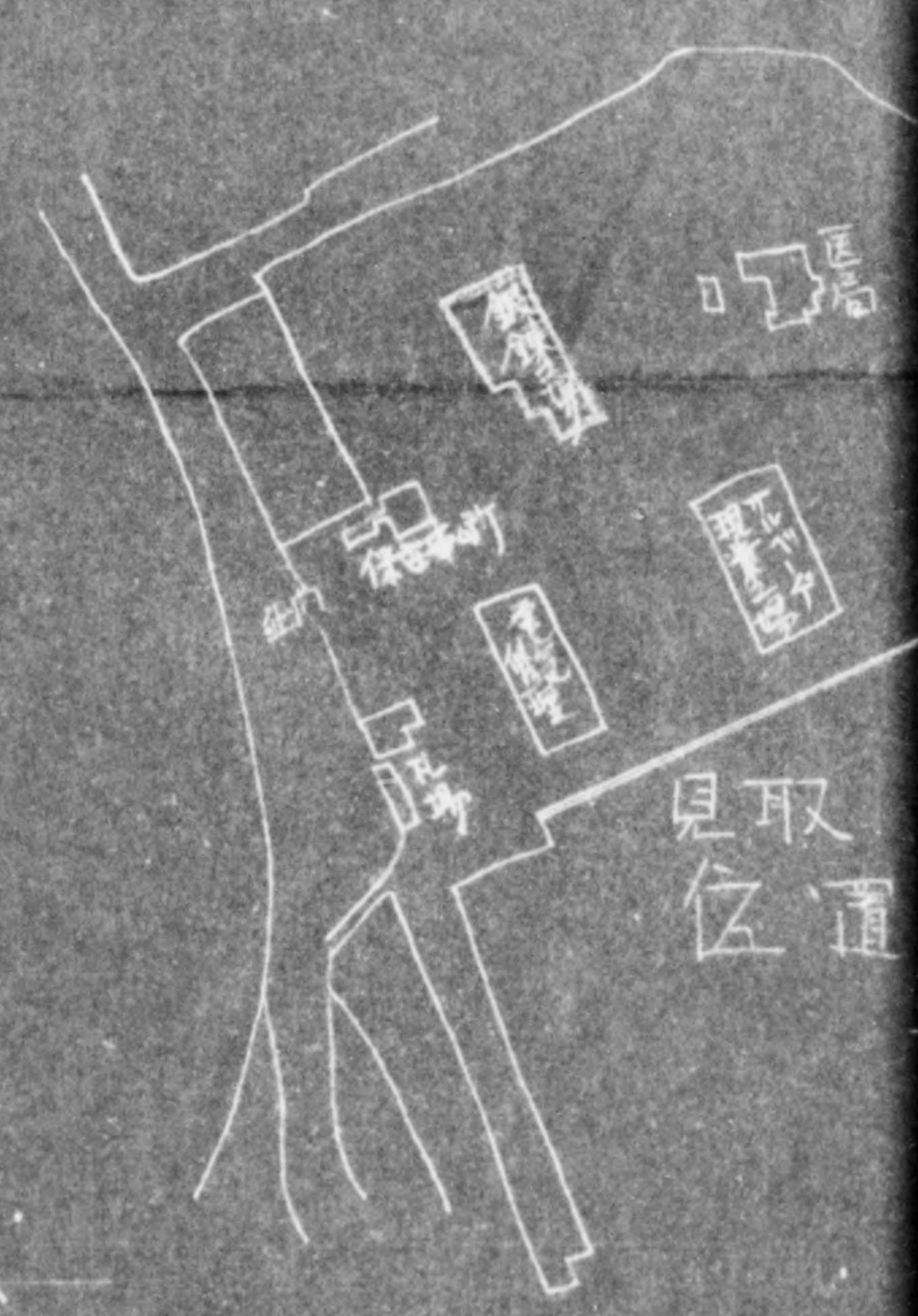
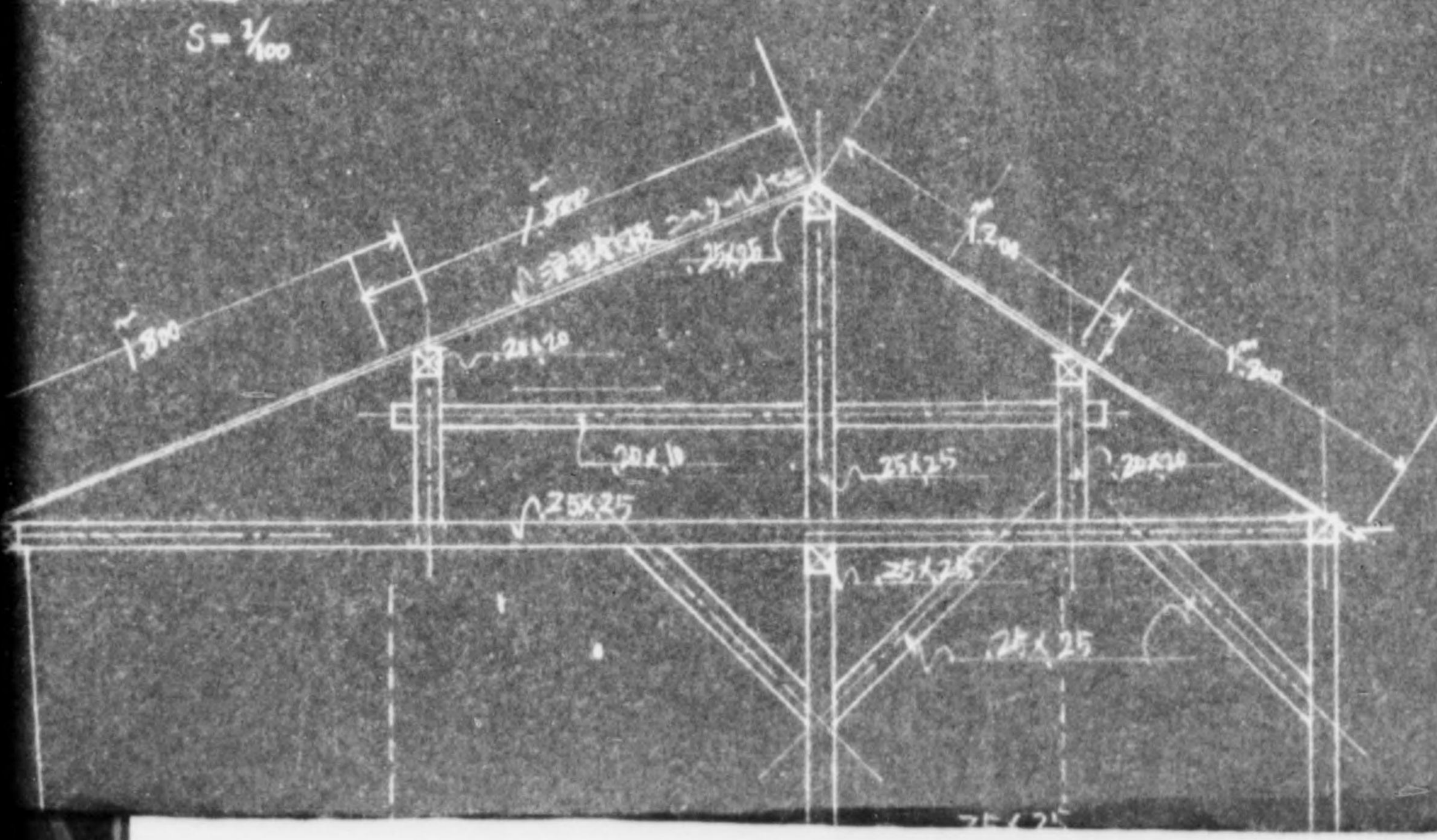
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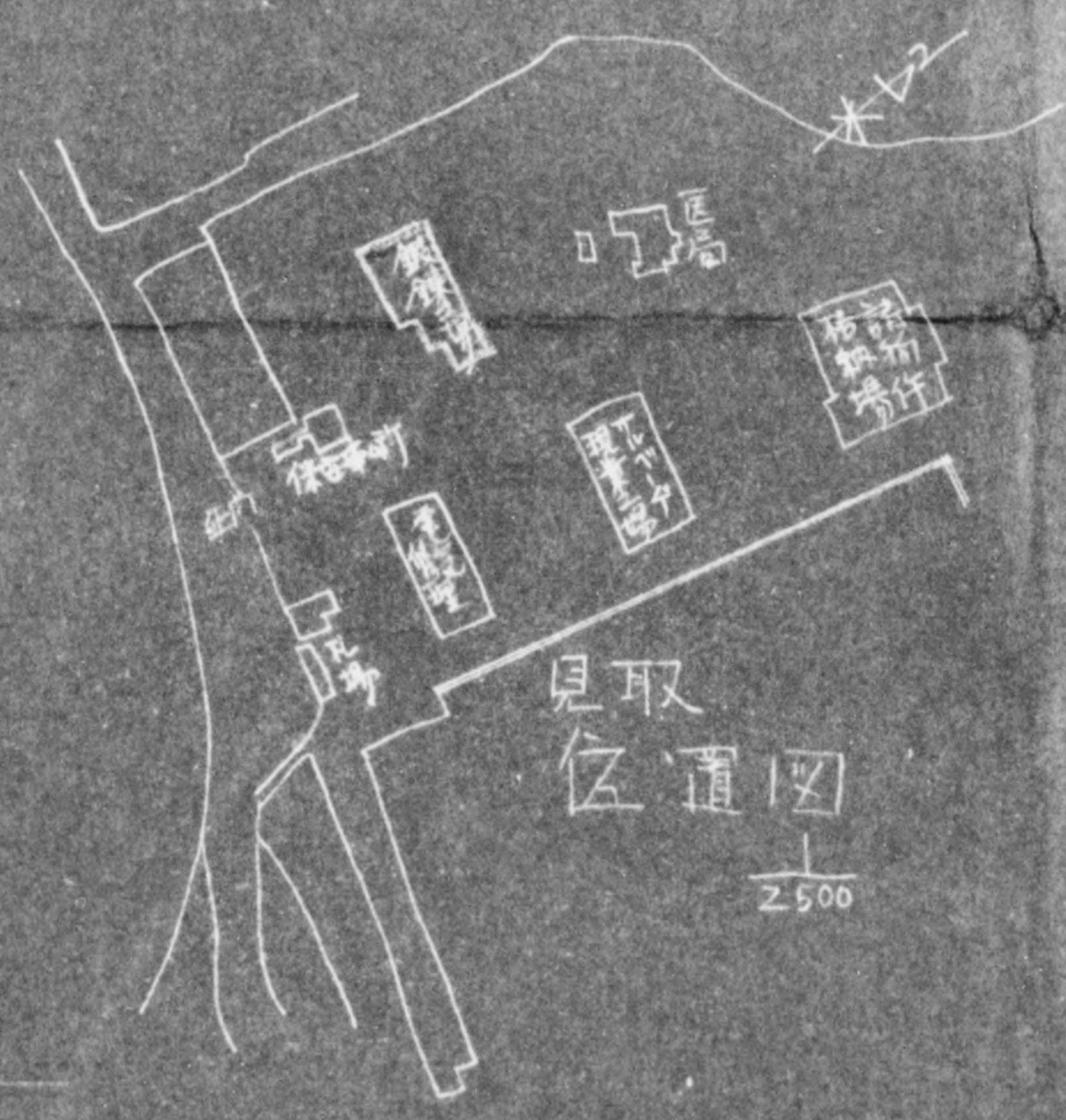




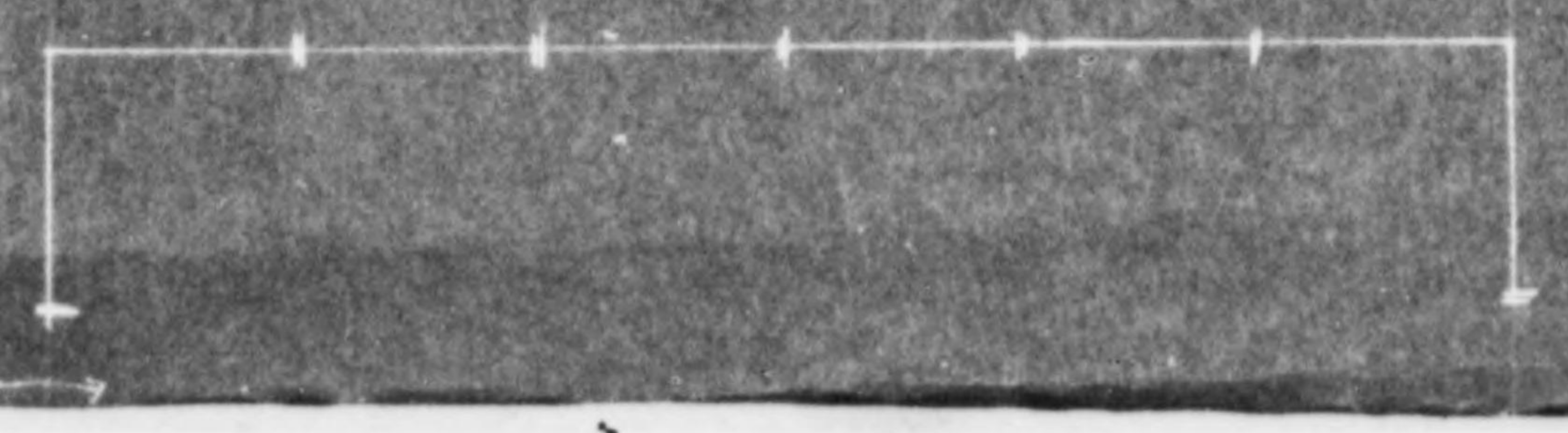
4 機械位置  
S = 1/100







飯野株式会社舞鶴製作所	
旧並尺職庫2号	
22号機材雨覆工事一般図	
設計者 〇〇〇	
設計年月日 1950.12.8.	
〇〇〇	



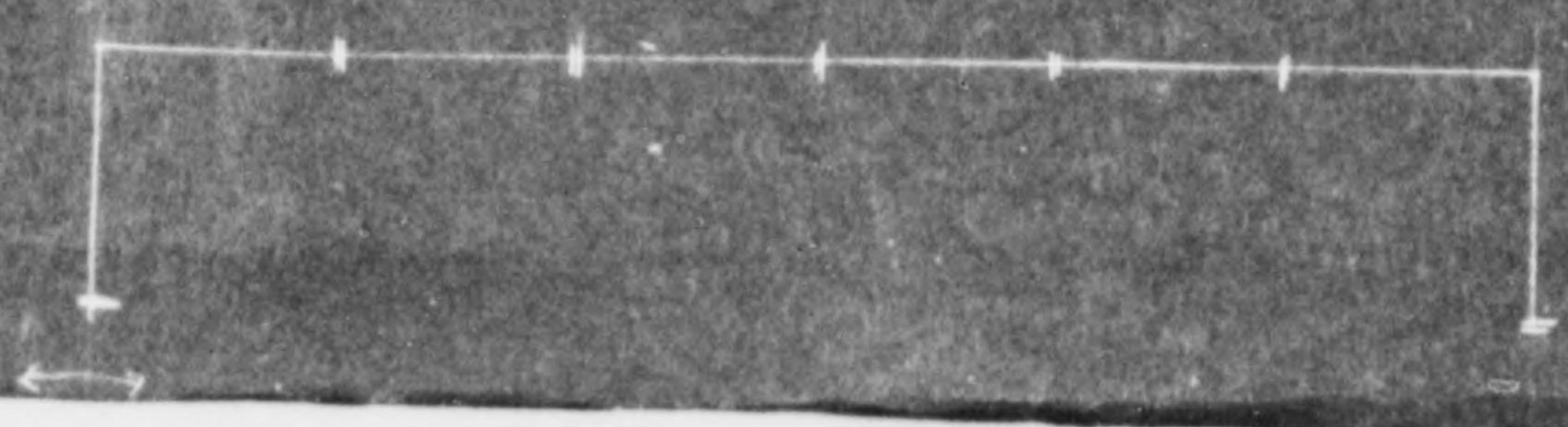


飯野鐵機株式會社 製作所  
 旧道中 鍛錬工場  
 22号機械雨覆工事一般圖

設計年月日  
 1950.12.8.

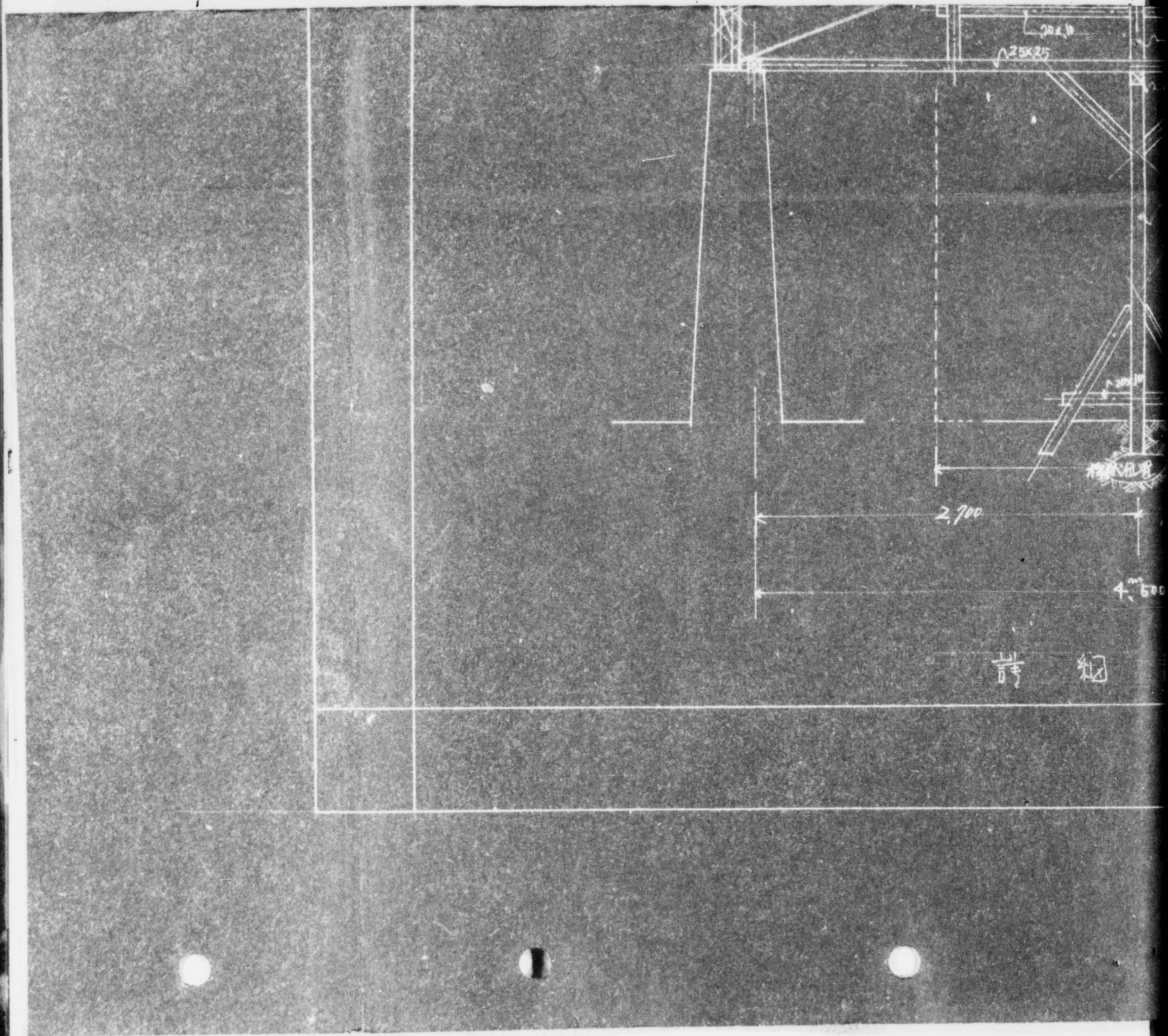
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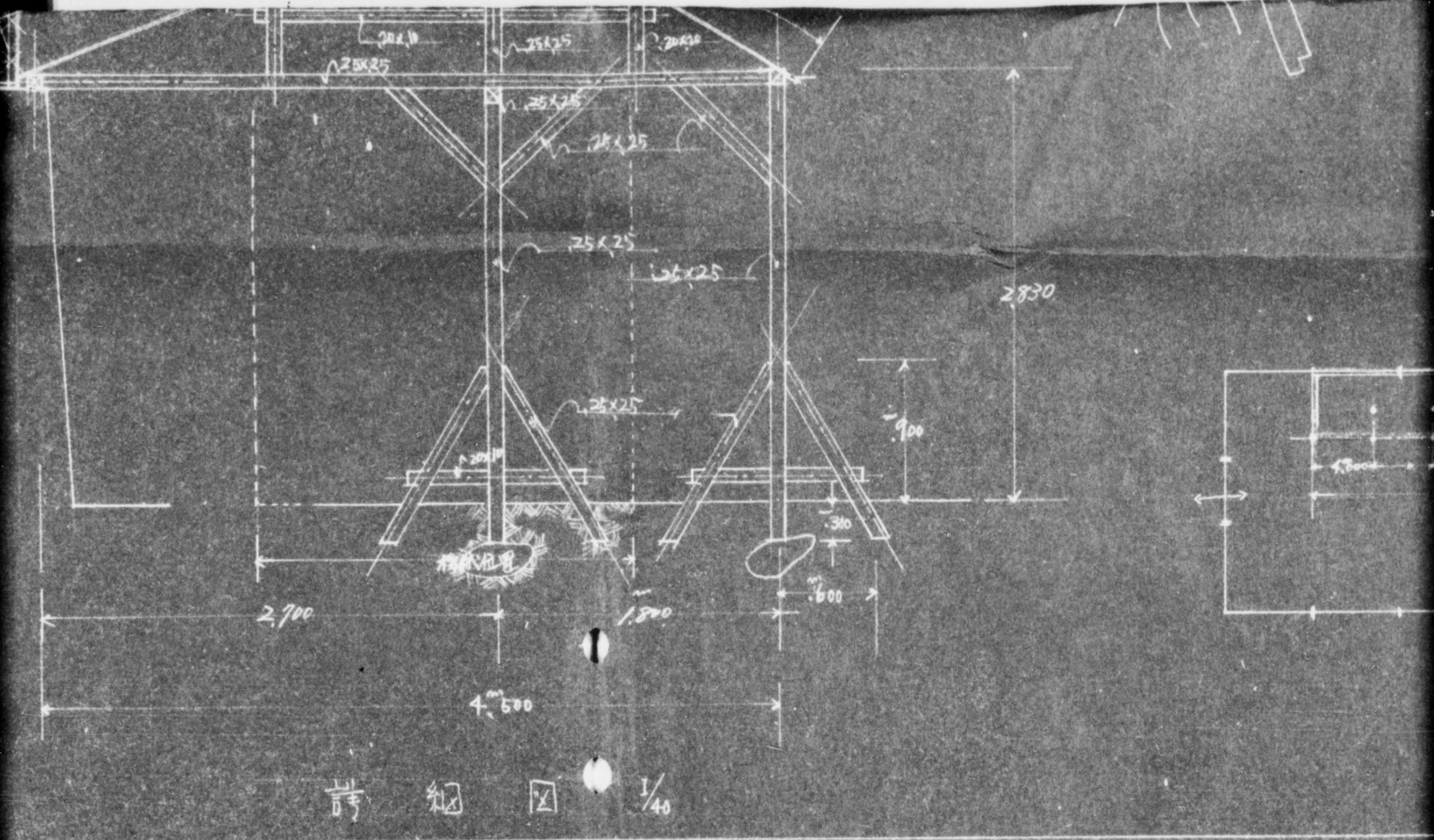




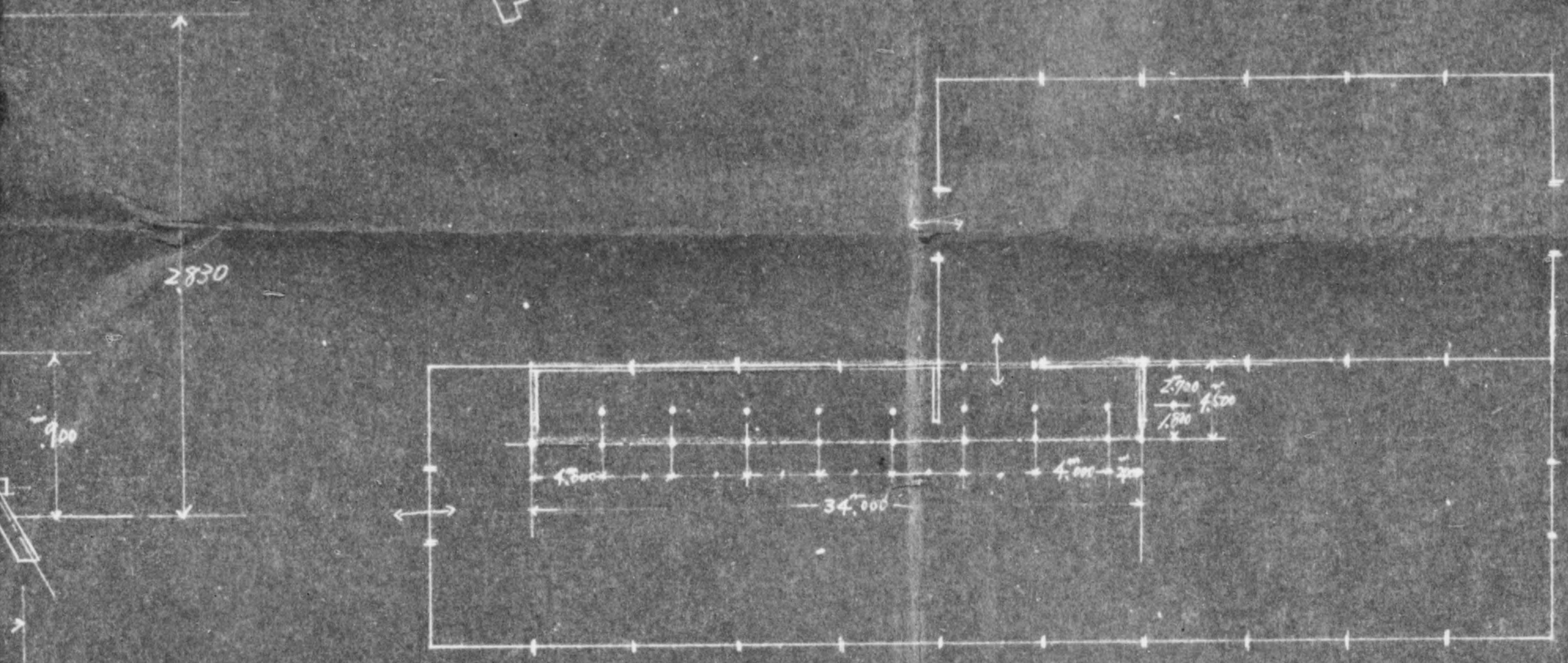
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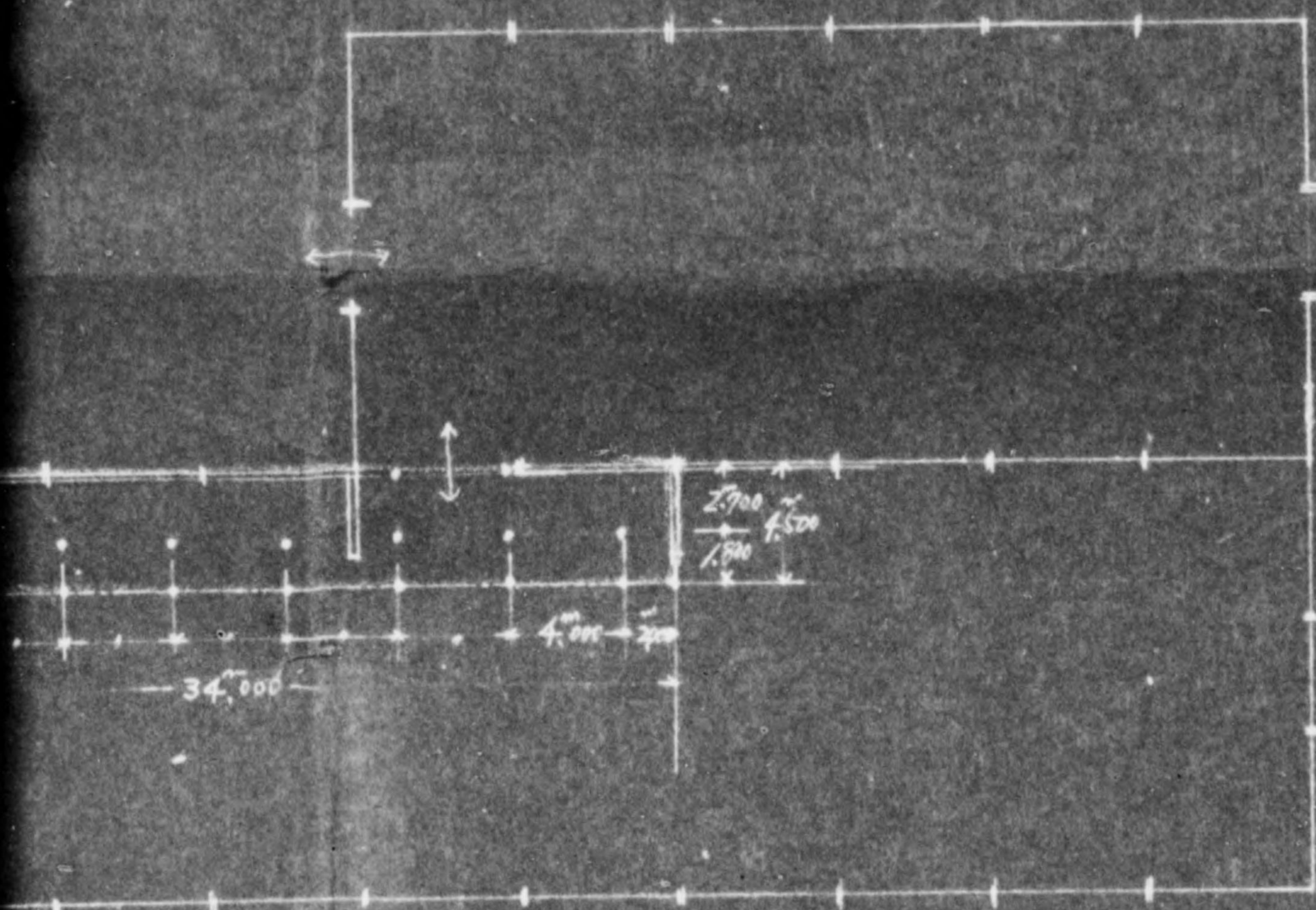




平面图 1/400



775013



平面图 1/400

300x500



22-24

22-24(B)

Total: 992 machines                      127 machines  
 Labour consumed: 1,396.3                  246.1  
 (for maintenance)

Data of Various materials used for maintenance(22,24)

ITEM	QUANTITY.	VALUE.
Gasoline	135 litres	1,170.00
Light oil	900 litres	7,150.00
Machine oil	675 lit.	12,250.00
Grease	450 kgs.	23,700.00
Rust-prevention paper	1,800 pcs.	4,950.00
Water-proof paper	900 pcs.	44,600.00
Emery cloth	900 pcs.	5,460.00
Cot. waste	900 kgs	15,800.00
Brushes	45 pcs.	900.00
Wire brushes	45 pcs.	224.00
Cords, soap, tools, dusters, etc. etc.		18,600.00
		<u>134,804.00</u>

(22-24B)

Gasoline	24 lit.	212.00
Light oil	162 lit.	1,290.00
Machine oil	122 lit.	2,210.00
Grease	81 kgs.	4,280.00
Rust prevention paper	325 pcs.	892.00
Water proof papers	162 pcs.	8,050.00
Emery cloth	162 pcs.	985.00
Cotton waste	162 kgs	2,860.00
Brushes	8 pcs.	162.00
Wire brushes	8 pcs.	41.00
Cords, strings, soap, dusters, tools, etc.		3,350.00
		<u>24,332.00</u>

Bldg. No. 2      22 - 24

Inv. No.	Items	No.	Maintenance Index No.	No. of labor
✓ 810	Shearing mach.	1	100	Partial overhaul 3
8693	surface plate	1	5	and maintenance 0.2
8696	Do.	1	5	done; 0.2
8701	Do.	1	5	corrosion removed; 0.2
<del>11197</del>	<del>Boiler</del>	<del>1</del>	<del>10</del>	oil-rubbing done; 0.3
		5	125 <u>115</u>	corrosion-prevention 3.9
				chemical applied;
				ciling done for.

Bldg. No. 3.

1	air hammer	1	80	Do.	2.4
3	Do	1	80	Do.	2.4
5	Do	1	80	Do.	2.4
7	Do	1	80	Do	2.4
9	Do	1	80	Do	2.4
<del>12</del>	<del>El. welding mach.</del>	<del>1</del>	<del>5</del> ✓	Do	0.2
13	Hyd'lic press	1	300	Do	9.
17	O.H. Travel. crane	1	150	Do	4.5
20	Drill'g mach.	1	50	Do	1.5
21	Hydr'ic pump	1	200	Do	6.0
22	Do	1	200	Do	6.
<del>10668</del>	<del>Traeter</del>	<del>1</del>	<del>150</del> ✓	Do.	4.5
<del>11294</del>	<del>Blower</del>	<del>1</del>	<del>10</del> ✓	Do	0.3
15488	water brake	1	300	Do	9

(1)



<del>15469</del> blower	1	30 ✓	Do	0.7
<del>16192-16194</del> transformer	3	15	Do	0.7
16564 pump	1	20	Do	0.6
Total.	19 pcs.	1,830.		<del>55x</del> 55.

(1620)

Bldg. No. 5 :-

295 Hyd. press	1	60	Do	1.8
213 Bending mach.	1	200	Do	6.
299 Do.	1	80	Do	2.4
235 Milling mach.	1	90	Do	2.7
239 Drilling ma.	1	30	Do	0.9
240 Do.	1	30	Do	0.9
258 Do.	1	30	do	0.9
260 Do	1	30	do	0.9
255 Do	1	30	30	0.9
265 Do	1	30	do	0.9
267 do	1	30	do	0.9
254 do	1	30	do	0.9
261 do	1	30	do	0.9
<del>236 generator</del>	<del>1</del>	<del>35</del> ✓	do	1.1
<del>230 motor</del>	<del>1</del>	<del>5</del> ✓	do	0.2
<del>238 do</del>	<del>1</del>	<del>15</del> ✓	do	0.5
263 drilling ma.	1	30	do	0.9
241 do	1	30	do	0.9
251 do	1	30	do	0.9
246 do	1	30	do	0.9
252 do	1	30	do	0.9
271 do	1	30	do	0.9
268 do	1	30	do	0.9
269 do	1	30	do	0.9
275 do	1	30	do	0.9
273 do	1	30	do	0.9
257 do	1	30	do	0.9
256 do	1	30	do	0.9
266 do	1	30	do	0.9
270 do	1	30	do	0.9
253 do	1	30	do	0.9
259 do	1	30	do	0.9
262 do	1	30	do	0.9
272 do	1	30	do	0.9
<del>230 motor</del>	<del>1</del>	<del>5</del> ✓	do	0.2
<del>231 do</del>	<del>1</del>	<del>10</del> ✓	do	0.3
<del>232 do generator</del>	<del>1</del>	<del>35</del> ✓	do	1.1
<del>236 do</del>	<del>1</del>	<del>35</del> ✓	do	1.1
<del>238 motor</del>	<del>1</del>	<del>5</del> ✓	do	0.2
8798 surface plate	1	15	do	0.5
8759-8761 do	3	35	do	1.1
8754-8755 do	2	25	do	0.8
8766 do	1	15	do	0.5
<del>8791-8792 do</del>	<del>2</del>	<del>30</del> ✓	do	0.9
<del>3783-3785 motor 3784</del>	<del>3</del>	<del>40</del> ✓	do	1.2
<del>3030 do</del>	<del>1</del>	<del>10</del> ✓	do	0.3
<del>3919 do</del>	<del>1</del>	<del>10</del> ✓	do	0.3
<del>4244 do</del>	<del>1</del>	<del>10</del> ✓	do	0.3
<del>4247 do</del>	<del>1</del>	<del>15</del> ✓	do	0.5
<del>4249 generator</del>	<del>1</del>	<del>15</del> ✓	do	0.5
<del>4256 motor</del>	<del>1</del>	<del>15</del> ✓	do	0.5
<del>4257-4259 do</del>	<del>3</del>	<del>37.5</del> ✓	do	1.1
<del>4263 do</del>	<del>1</del>	<del>15</del> ✓	do	0.5
<del>4264 generator</del>	<del>1</del>	<del>22.5</del> ✓	do	0.7
<del>4266 motor</del>	<del>1</del>	<del>10</del> ✓	do	0.3



<del>4269 motor</del>	<del>1</del>	<del>10</del>	<del>do</del>	<del>0.3</del>
<del>4273, 4272, Do.</del>	<del>2</del>	<del>25</del>	<del>do</del>	<del>0.8</del>
<del>4276-4279 do</del>	<del>4</del>	<del>45</del>	<del>do</del>	<del>1.4</del>
<del>4281 do</del>	<del>1</del>	<del>15</del>	<del>do</del>	<del>0.5</del>
<del>4284 do</del>	<del>1</del>	<del>7.5</del>	<del>do</del>	<del>0.3</del>
<del>4269 do</del>	<del>1</del>	<del>7.5</del>	<del>do</del>	<del>0.3</del>
<del>4271 do</del>	<del>1</del>	<del>7.5</del>	<del>do</del>	<del>0.3</del>
<del>8723-8733 Motor</del>	<del>11</del>	<del>82.5</del>	<del>do</del>	<del>2.5</del>
<del>8735-8744 do</del>	<del>10</del>	<del>75</del>	<del>do</del>	<del>2.3</del>
<del>8747-8750 do</del>	<del>4</del>	<del>50</del>	<del>do</del>	<del>1.5</del>
<del>8753 do</del>	<del>1</del>	<del>7.5</del>	<del>do</del>	<del>0.3</del>
<del>8799-8801 do</del>	<del>3</del>	<del>15</del>	<del>do</del>	<del>0.5</del>
<del>8959-9041 do</del>	<del>87</del>	<del>622.5</del>	<del>do</del>	<del>18.7</del>
<del>except 8564, 9004, 9011</del>	<del>186</del>	<del>2675</del>		<del>81.6</del>
<del>9012, 9074, 89035</del>				
<u>Bldg. No. 6</u>				
320 Hydraulic press	1	200	do	6
321 Pump	1	200	do	6
322 Hyd. pump	1	60	do	1.8
11673 pump	1	30	do	.9
<del>11699 Transformer</del>	<del>1</del>	<del>5</del>	<del>do</del>	<del>0.2</del>
<del>11670 pump</del>	<del>1</del>	<del>100</del>	<del>do</del>	<del>3</del>
<del>11682 generator</del>	<del>1</del>	<del>60</del>	<del>do</del>	<del>1.8</del>
<del>11683 motor</del>	<del>1</del>	<del>100</del>	<del>do</del>	<del>3</del>
<del>11680 generator</del>	<del>1</del>	<del>60</del>	<del>do</del>	<del>1.8</del>
<del>15899 feed wat. heater</del>	<del>1</del>	<del>20</del>	<del>do</del>	<del>0.6</del>
<del>15898 heavy oil superheater</del>	<del>1</del>	<del>10</del>	<del>do</del>	<del>0.3</del>
<del>15900 ejector</del>	<del>1</del>	<del>20</del>	<del>do</del>	<del>0.6</del>
<del>15897 blower</del>	<del>1</del>	<del>30</del>	<del>do</del>	<del>0.9</del>
<del>15911 motor</del>	<del>1</del>	<del>10</del>	<del>do</del>	<del>0.3</del>
	14	855		25.7
<u>Bldg. No. 7</u>				
731 boring mach.	1	150	do	4.5
724 slotting mach.	1	200	do	6
723 do	1	200	do	6
717 tarret lathe	1	130	do	3.9
720 planers	1	200	do	6
713 lathe	1	300	do	9
715 tarret lathe	1	180	do	5.4
714 lathe	1	250	do	7.5
<del>703 boring mach.</del>	<del>1</del>	<del>200</del>	<del>do</del>	<del>6</del>
695 lathe	1	200	do	6
692-694 do	3	600	do	18
685 do	1	300	do	9
733 OH travel. crane	1	150	do	4.5
688 mill'g machine	1	200	do	6
689 manual press	1	20	do	0.6
690-691 milling mach.	2	240	do	7.2
730 Do	1	120	do	3.6
697 boring mach.	1	200	do	6
700-701 do	2	400	do	12
686 gear cutter	1n	150	do	4.5
698-699 - lathe	2	60	do	1.8
704-705 do	2	400	do	12
683 drilling mach.	1	30	do	0.9
707-709 do	3	280	do	8.4
346 boring mach.	1	130	do	3.9
711 drilling ma.	1	120	do	3.6
721-722 lathe	2	450	do	13.5
716 turret lathe	1	130	do	3.9
725 planer	1	170	do	5.1
729 lathe	1	500	do	15
732 do	1	110	do	3.3



734-735 slotting mach.	2	400	do	12
<del>49-50 gnerator</del>	<del>2</del>	<del>40</del>	<del>do</del>	<del>1.2</del>
<del>47-48 do</del>	<del>2</del>	<del>60</del> ✓	<del>do</del>	<del>1.8</del>
40 lathe	1	50	do	1.5
31 hacksawing mach.	1	40	do	1.2
681-682 milling mach.	2	240	do	7.2
234 boring mach.	1	200	do	6
233 drilling mach.	1	120	do	3.6
226 lathe	1	150	do	4.5
292 drilling mach.	1	50	do	1.5
290 grinder	1	50	do	1.5
660 drilling ma.	1	30	do	0.9
665 milling mach.	1	50	do	1.5
663 lathe	1	30	do	0.9
<del>379 motor</del>	<del>1</del>	<del>10</del> ✓	<del>do</del>	<del>0.3</del>
661 do	1	10	do	0.3
375 hoist	1	20	do	0.6
<del>33-34 drilling mach.</del>	<del>2</del>	<del>60</del>	<del>do</del>	<del>1.8</del>
<del>39 do</del>	<del>1</del>	<del>40</del> ✓	<del>do</del>	<del>1.2</del>
677-680 do	4	480	do	14.4
659 grinder	1	5	do	0.2
357 drilling mach.	1	120	do	3.6
334 do	1	40	do	1.2
<del>328 grinder</del>	<del>1</del>	<del>70</del> ✓	<del>do</del>	<del>2.1</del>
330 do	1	5	do	0.2
363-364 air compressor	2	60	do	1.8
359-360 do	2	60	do	1.8
3338 do	1	145	do	4.4
5703 lathe	1	180	do	5.4
5687 do	1	200	do	6
5720 milling mach.	1	80	do	2.4
5689 boring mach.	1	80	do	2.4
3334 air compressor	1	500	do	15
3175-3176 drilling mach.	2	80	do	2.4
3155 slotter	1	150	do	4.5
3327 boring mach.	1	80	do	2.4
3328 lathe	1	200	do	6
3326 milling mach.	1	60	do	1.8
3325 shaper	1	100	do	3
3323-3324 lathe	2	160	do	4.8
3394-3395 do	2	130	do	3.9
3156 drilling mach.	1	30	do	0.9
3129 grinder	1	50	do	1.5
3314 drilling mach.	1	40	do	1.2
3145-3146 do	2	60	do	1.8
3175 do	1	40	do	1.2
3318-3319 lathe	2	160	do	4.8
3315 do	1	24	do	0.7
3312 do	1	80	do	2.4
3308-3309 grinder	2	100	do	3
3307 shaper	1	100	do	3
3306 milling mach.	1	60	do	1.8
<del>11695 shaper</del>	<del>1</del>	<del>60</del> ✓	<del>do</del>	<del>1.8</del>
<del>11696 lathe</del>	<del>1</del>	<del>50</del> ✓	<del>do</del>	<del>1.5</del>
<del>15463-15464 do</del>	<del>2</del>	<del>150</del>	<del>do</del>	<del>4.5</del>
15467 shaper	1	105	do	3.2
Total	113	12514	(11984)	375.9

Bldg. No. 12				
<del>802 El. welding mach.</del>	<del>1</del>	<del>5</del> ✓	<del>do</del>	<del>0.2</del>
809 Shearing mach.	1	40	do	1.2
816 Drilling mach.	1	30	do	0.9
817 hack sawing mach.	1	40	do	1.2



total 4 115 3.5

Bldg. No. 13.

3345. Pump	1	150	do.	4.5
3350 do	1	120	do.	3.6
<del>3366 meter</del>	<del>1</del>	<del>5</del> ✓	do.	<del>0.2</del>
<del>3368 do</del>	<del>1</del>	<del>10</del> ✓	do.	<del>0.3</del>
3369 dump	1	60	do.	1.8
3370 air compr'or	1	100	do.	3.
3371-3372 pump	2	240	do.	7.2
Total:	8	685		20.6

(665)

Bldg. No. 15.

<del>3407 locomotive</del>	<del>1</del>	<del>400</del>	do	12.0
<del>3388 el. welding mach.</del>	<del>1</del>	<del>5</del>	do	<del>0.2</del>
3392 grinder	1	10	do	0.3
3373 pump	1	60	do	1.8
total.	4	475		14.3

(70)

Bldg. No. 226

11655 Pump	1	30	do.	0.9
<del>11633 motor</del>	<del>1</del>	<del>10</del>	do.	<del>0.3</del>
total	2	40		1.2

(30)

Bldg. No. 27

3934 planer.	1	100	do	3.
3935 grinder	1	10	do	0.3
3936 radial drill'g ma.	1	100	do	3.
3937 slotter	1	200	do	6.
3942 lathe	1	230	do	6.9
3934 grinder	1	5	do	0.2
<del>3947 lathe</del>	<del>1</del>	<del>50</del> ✓	do	<del>1.5</del>
3949 do	1	50	do	1.5
3952 do	1	120	do	3.6
3953 grinder	1	10	do	0.3
3954 lathe	1	80	do	2.4
3955 do	1	110	do	3.3
3956 lathe	1	110	do	3.3
3957 do	1	80	do	2.4
3958 do	1	130	do	3.9
3959 slotting mach.	1	110	do	3.3
3962 drilling ma.	1	40	do	1.2
3963 do	1	40	do	1.2
3964 do	1	40	do	1.2
3965 do	1	40	do	1.2
3966 do	1	40	do	1.2
3967 do	1	40	do	1.2
3970 shearing ma.	1	50	do	1.5
3971 do	1	50	do	1.5
3973 do	1	40	do	1.2
3974 do	1	50	do	1.5
3976 drill'g ma.	1	40	do	1.2
total	27	1965		59.0

(1915)

Bldg. No. 28

<del>4220 lathe</del>	<del>1</del>	<del>130</del> ✓	do	<del>3.9</del>
<del>4223 shaper</del>	<del>1</del>	<del>100</del> ✓	do	<del>3.</del>
✓ 4232 lathe	1	100	do	3.0
<del>4231 do</del>	<del>1</del>	<del>100</del> ✓	do	<del>3.</del>
<del>4241 do</del>	<del>1</del>	<del>80</del> ✓	do	<del>2.4</del>
✓ 4233 do	1	100	do	3.0

(5)



<del>42434</del> lathe	1	100 ✓	do	3.
✓ 4237 do 1	1	100	do	3
s <del>4242</del> milling mach.	1	180 ✓	do	5.4
<del>4228</del> milling mach.	1	150 ✓	do	4.5
<del>4229</del> do	1	150 ✓	do	4.5
s <del>4218</del> lathe	1	130 ✓	do	3.9
<del>4281</del> motor	1	15 ✓	do	0.5
s <del>4427</del> univer'l lathe	1	100 ✓	do	3.
s <del>4428</del> lathe	1	80 ✓	do	2.4
✓ 4409 ace lathe	1	300	do	9
✓ 4408 do	1	300	do	9
✓ 4419 shaper	1	100	do	3
s <del>4434</del> grinder	1	70 ✓	do	2.1
✓ 4441 do	1	40 <sup>1382</sup>	do	1.2
s <del>4432</del> do	1	40 ✓	do	1.2
s <del>4433</del> lapping mach.	1	50 ✓	do	1.5
s <del>4436</del> grinder	1	40 ✓	do	1.2
✓ 4418 lathe	1	300	do	9
✓ 4456 bench lathe	1	30	do	0.9
✓ 4457 do	1	30	do	0.9
s <del>4466</del> shaper	1	100 ✓	do	2.1
<del>4458</del> lathe	1	70 ✓	do	2.1
s <del>4482</del> lathe	1	100 ✓	do	3.
s <del>4488</del> do	1	100 ✓	do	3.
s <del>4443</del> buffing ma.	1	10 ✓	do	0.3
<del>4486</del> grinder	1	5 ✓	do	0.2
s <del>4471</del> drilling mach.	1	50 ✓	do	1.5
s <del>4479</del> lathe	1	100 ✓	do	3.
<del>4473</del> milling mach.	1	100 ✓	do	3.
✓ 4410 lathe	1	300	do	9
✓ 4467 milling mach.	1	100	do	3
✓ 4469 do	1	60.	do	1.8
s <del>4439</del> grinder	1	50 ✓	do	1.5
<del>4472</del> milling mach.	1	90 ✓	do	2.7
✓ 4497 bench lathe	1	30	do	0.9
✓ 4420 shaper	1	150	do	4.5
✓ 4470 milling mach.	1	100	do	3.
✓ 4454 hack sawing mach. 1	1	40	do	1.2
s <del>4472</del> milling mach.	1	90 ✓	do	2.7
✓ 4542 slotting mach.	1	200	do	6.
✓ 4565 lathe	1	150	do	4.5
✓ 4552 gear cutting mach. 1	1	120	do	3.6
✓ 4553 do	1	120	do	3.6
✓ 4555 do	1	50	do	1.5
✓ 4548 do	1	100	do	3.
✓ 4537 radial drilling ma. 1	1	120	do	3.6
✓ 4556 milling mach. 1	1	180	do	5.4
s <del>4670</del> universal grinder 1	1	150 ✓	do	4.5
x ✓ 4617 milling mach. 1	1	90	do	2.7
✓ 4662 bench lathe 1	1	30	do	0.9
✓ 4659 bench drilling mach. 1	1	30	do	0.9
✓ 4612 milling mach. 1	1	90	do	2.7
<del>4657</del> do 1	1	40 ✓	do	1.2
✓ 4680 do 1	1	do	do	1.2
✓ 4681 do 1	1	do	do	1.2
✓ 4613 do 1	1	120	do	3.6
✓ 4676 drilling mach. 1	1	50	do	1.5
✓ 4675 do 1	1	50	do	1.5
✓ 4674 do 1	1	50	do	1.5
✓ 4243 radial drilling ma. 1	1	120	do	3.6
s <del>4614</del> milling machine 1	1	180 ✓	do	5.4
✓ 4666 ,orizental grinder 1	1	70	do	2.1



✓ 4615	milling machine	1	120	do	3.4
✓ 4692	lathe	1	150	do	4.5
<del>s 4691</del>	<del>do</del>	<del>1</del>	<del>150</del>	<del>do</del>	<del>4.5</del>
<del>s 4690</del>	<del>do</del>	<del>1</del>	<del>130</del>	<del>do</del>	<del>3.9</del>
✓ 4618	enternal grinder	1	50	do	1.5
<del>4617</del>	<del>milling mach.</del>	<del>1</del>	<del>90</del>	<del>do</del>	<del>2.7</del>
<del>s 4606</del>	<del>lathe</del>	<del>1</del>	<del>130</del>	<del>do</del>	<del>3.9</del>
<del>4607</del>	<del>do</del>	<del>1</del>	<del>130</del>	<del>do</del>	<del>3.9</del>
✓ 4696	radial drill'g mach.	1	120	do	3.6
✓ 4656	milling machine	1	180	do	5.4
✓ 4665	surface grinder	1	70	do	2.1
<del>4666</del>	<del>do</del>	<del>1</del>	<del>70</del>	<del>do</del>	<del>2.1</del>
✓ 4734	boring machine	1	200	do	6.0
✓ 4726	do	1	130	do	3.9
<del>s 4710</del>	<del>do</del>	<del>1</del>	<del>200</del>	<del>do</del>	<del>6.0</del>
✓ 4622	do	1	200	do	6
✓ 4734	do	1	200	do	6
✓ 4736	do	1	200	do	6
✓ 4701	planer	1	150	do	4.5
✓ 4702	planer	1	150	do	4.5
<del>s 4703</del>	<del>boring mach.</del>	<del>1</del>	<del>200</del>	<del>do</del>	<del>6</del>
<del>s 4727</del>	<del>surface grinder</del>	<del>1</del>	<del>100</del>	<del>do</del>	<del>3.</del>
<del>s 4725</del>	<del>milling mach.</del>	<del>1</del>	<del>150</del>	<del>do</del>	<del>4.5</del>
✓ 4735	boring mach.	1	200	do	6
<del>s 4730</del>	<del>milling mach.</del>	<del>1</del>	<del>90</del>	<del>do</del>	<del>2.7</del>
<del>s 4737</del>	<del>Metal hacksawing ma.</del>	<del>1</del>	<del>50</del>	<del>do</del>	<del>1.5</del>
<del>4729</del>	<del>milling ma.</del>	<del>1</del>	<del>90</del>	<del>do</del>	<del>2.7</del>
<del>s 4733</del>	<del>radial drill'g ma.</del>	<del>1</del>	<del>120</del>	<del>do</del>	<del>3.6</del>
<del>s 4718</del>	<del>do</del>	<del>1</del>	<del>120</del>	<del>do</del>	<del>3.6</del>
<del>4706</del>	<del>lathe</del>	<del>1</del>	<del>400</del>	<del>do</del>	<del>12.</del>
4736 ✓ 4730	milling mach.	1	90	do	2.7
✓ 4738	pump	1	30	do	.9
<del>s 4729</del>	<del>milling Mach.</del>	<del>1</del>	<del>90</del>	<del>do</del>	<del>2.7</del>
✓ 4724	Do.	1	85	do	2.6
✓ 4735	Boring mach.	1	200	do	6
✓ 4704	hobbing mach.	1	100	do	3.
<del>s 4732</del>	<del>drillin 'g mach.</del>	<del>1</del>	<del>50</del>	<del>do</del>	<del>1.5</del>
✓ 9904	centrifugal separator	1	30	do	0.9
✓ 9616	reduction gear	1	10	do	0.3
✓ 9615	do.	1	10	do	0.3
✓ 9614	do	1	10	do	0.3
<del>13023</del>	<del>balance</del>	<del>1</del>	<del>10</del>	<del>do</del>	<del>0.3</del>
<del>13022</del>	<del>do</del>	<del>1</del>	<del>10</del>	<del>do</del>	<del>0.3</del>
Total		111	11815	6685	354.6

Bldg. No. 31

22-24

✓ 4578	Milling mach.	1	180	do	5.4
✓ 4579	do	1	180	do	5.4
✓ 4623	boring mach.	1	200	do	6
✓ 4625	milling machine	1	180	do	5.4
✓ 4628	planer	1	170	do	5.1
<del>4694</del>	<del>boring mach.</del>	<del>1</del>	<del>200</del>	<del>do</del>	<del>6</del>
<del>4706</del>	<del>lathe</del>	<del>1</del>	<del>400</del>	<del>do</del>	<del>120</del>
<del>4707</del>	<del>boring machine</del>	<del>1</del>	<del>200</del>	<del>do</del>	<del>6.</del>
✓ 4709	slotting mach.	1	200	do	6.
✓ 4711	do	1	200	do	6
✓ 12099	pump	1	20	do	0.6
Total.		11	2130	1330	63.9

Bldg. No. 29

✓ 4783	steam hammer	1	80	do	2.4
✓ 4784	do	1	80	do	2.4



775013

270  
134  
404

270  
153  
423

	4785	Steame hammer	1	80	do	2.4
	4786	do	1	80	do	2.4
	4788	Hydraulic press	1	500	do	15.0
		<b>Total</b>	<u>5</u>	<u>820</u> (820)		<u>24.6</u>
	<b>Hldg. No. 32</b>					
	<del>319</del>	<del>Transeformer</del>	1	5 ✓	do	0.2
	<del>3422</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>3423</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>3770</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>3769</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4850</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4882</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4884</del>	<del>do</del>	1	5 ✓	do	0.2
4891	4891	Pump	1	20	do	0.6
	4892	do	1	20	do	0.6
	4902	do	1	20	do	0.6
	4903	do	1	20	do	0.6
	4901	Drilling machine	1	30	do	0.9
	<del>4873</del>	<del>Transeformer</del>	1	5 ✓	do	0.2
	<del>4879</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4778</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4873</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>5061</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4881</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>4880</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>5077</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>5076</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>5060</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>798</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>6921</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>6924</del>	<del>do</del>	1	5 ✓	do	0.2
	8947	Oil filter	1	50	do	1.5
	<del>8934</del>	<del>Motor</del>	1	7.5 ✓	do	0.2
	8302	Winch	1	150	do	4.5
	8303	Coal feeder	1	300	do	9.0
	<del>11280</del>	<del>Transeformer</del>	1	5 ✓	do	0.2
	<del>11277</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11264</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11274</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11265</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11279</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11269</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11266</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11289</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11267</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11272</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11273</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>11270</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12011</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12010</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12111</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12114</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12223</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12128</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>1201240</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12110</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12109</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12112</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12106</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12222</del>	<del>do</del>	1	5 ✓	do	0.2
	<del>12224</del>	<del>do</del>	1	5 ✓	do	0.2



775013

<del>5500</del> Transeformer	1	5 ✓	io	0.2
<del>14600</del> do	1	5 ✓	io	0.2
<del>14601</del> do	1	5 ✓	io	0.2
<del>18232</del> do	1	5 ✓	io	0.2
<del>22481</del> do	1	5 ✓	do	0.2
<b>Total</b>	<u>62</u>	<u>882.5</u> (615)		<u>29.3</u>

Eldg. No. 33

13581 Grinding stone	1	30	do	0.9
14896 Grinding machine	1	30	Co	0.9
10341 Line shaft	1	10	Co	0.3
<del>13035</del> Platform scale	1	10 ✓	Co	0.3
<del>13036</del> do	1	10 ✓	do	0.3
4910 Grinding machine	1	5	do	0.2
<b>Total</b>	<u>6</u>	<u>95</u> (75)		<u>2.9</u>

Eldg. No. 34.

5058 Planer	1	500	do	15.0
4927 Bending machine	1	40	do	1.2
5043 Hydraulic press	1	100	do	3.0
5059 Shearing machine	1	50	do	1.5
5055 Radial drilling machine	1	120	do	3.6
4923 Shearing machine	1	50	do	1.5
<b>Total</b>	<u>6</u>	<u>860</u> (860)		<u>25.8</u>

Eldg. No. 36

<del>4206</del> Welding machine	1	5	do	0.2
<del>4209</del> do	1	5	do	0.2
<del>4506</del> do	1	5	do	0.2
<del>4507-4512</del> do	6	30	do	1.2
<del>4932-4942</del> do	11	55	do	2.2
<del>4945-4947</del> do	3	15	do	0.6
<del>4949-4952</del> do	4	20	do	0.8
<del>4954-4956</del> do	3	15	do	0.6
<del>4960-4962</del> do	3	15	do	0.6
<del>4965-4968</del> do	4	20	do	0.8
<del>4973-4975</del> do	3	15	do	0.6
<del>4978</del> do	1	5	do	0.2
<del>4980</del> do	1	5	do	0.2
<del>4981</del> do	1	5	do	0.2
<del>4986</del> do	1	5	do	0.2
<del>4987-4988</del> do	2	10	do	0.4
<del>4990-4992</del> do	3	15	do	0.6
<del>4994</del> do	1	5	do	0.2
<del>4996</del> do	1	5	do	0.2
<del>4997</del> do	1	5	do	0.2
<del>5004</del> do	1	5	do	0.2
<del>5007</del> do	1	5	do	0.2
<del>5008</del> do	1	5	do	0.2
<del>5010</del> do	1	5	do	0.2
<del>5011</del> do	1	5	do	0.2
<del>5012</del> do	1	5	do	0.2
<del>5013</del> do	1	5	do	0.2
<del>5015</del> do	1	5	do	0.2
<del>5016</del> do	1	5	do	0.2
<del>5017</del> do	1	5	do	0.2
<del>5018</del> do	1	5	do	0.2
<del>5020-5027</del> do	8	40	do	1.6
<del>5029-5031</del> do	3	15	do	1.6
<del>5038</del> do	1	5	do	0.2
<del>5039</del> do	1	5	do	0.2
<del>5041</del> do	1	5	do	0.2
<del>5078</del> do	1	5 <sup>b</sup>	do	0.2
<del>5080</del> do	1	5	do	0.2



<del>5083</del> Welding machine	1	5	do	0.2
<del>5084</del> do	1	5	do	0.2
<del>5085-5088</del> do	4	20	do	0.8
<del>5099-5102</del> do	4	20	do	0.8
<del>5105</del> do	1	5	do	0.2
<del>5106</del> do	1	5	do	0.2
<del>5107</del> do	1	5	do	0.2
<del>5110-5113</del> do	4	20	do	0.8
<del>5115</del> do	1	5	do	0.2
<del>5112</del> do	1	5	do	0.2
<del>5124</del> do	1	5	do	0.2
<del>5125</del> do	1	5	do	0.2
<del>5126</del> do	1	5	do	0.2
<del>5128-5132</del> do	5	25	do	1.0
<del>5134-5140</del> do	7	35	do	1.4
<del>5144-5145</del> do	2	10	do	0.4
<del>5147-5148</del> do	2	10	do	0.4
<del>5150</del> do	1	5	do	0.2
<del>5153-5156</del> do	4	20	do	0.8
<del>5158</del> do	1	5	do	0.2
<del>5161</del> do	1	5	do	0.2
<del>5164-5166</del> do	3	15	do	0.6
<del>5171-5176</del> do	6	30	do	1.2
<del>5179</del> do	1	5	do	0.2
<del>5181</del> do	1	5	do	0.2
<del>5183-5184</del> do	2	10	do	0.4
<del>5186-5187</del> do	2	10	do	0.4
<del>5190</del> do	1	5	do	0.2
<del>5192</del> do	1	5	do	0.2
<del>5195-5198</del> do	4	20	do	0.8
<del>5201-5202</del> do	2	10	do	0.4
<del>5204</del> do	1	5	do	0.2
<del>5206</del> do	1	5	do	0.2
<del>5207</del> do	1	5	do	0.2
<del>5209-5215</del> do	7	35	do	1.4
<del>5217</del> do	1	5	do	0.2
<del>5220</del> do	1	5	do	0.2
<del>5225</del> do	1	5	do	0.2
<del>5231</del> do	1	5	do	0.2
<del>5233</del> do	1	5	do	0.2
<del>5238</del> do	1	5	do	0.2
<del>5241</del> do	1	5	do	0.2
<del>5243-5244</del> do	2	10	do	0.4
<del>5249</del> do	1	5	do	0.2
<del>5251</del> do	1	5	do	0.2
<del>5254</del> do	1	5	do	0.2
<del>5255-5256</del> do	2	10	do	0.4
<del>5260</del> do	1	5	do	0.2
<del>5270-5271</del> do	2	70	do	0.4
<del>5277</del> do	1	5	do	0.2
<del>5281-5284</del> do	4	20	do	1.6
<del>5286-5287</del> do	2	10	do	0.8
<del>5290</del> do	1	5	do	0.2
<del>5292-5295</del> do	4	20	do	0.8
<del>5298-5304</del> do	7	35	do	1.4
<del>5306</del> do	1	5	do	0.2
<del>5308</del> do	1	5	do	0.2
<del>5310</del> do	1	5	do	0.2
<del>5312-5316</del> do	5	25	do	1.0
<del>5318</del> do	1	5	do	0.2
<del>5321-5322</del> do	2	10	do	0.4



<del>5324</del> Welding machine	1	5	do	0.2
<del>5331-5332</del> do	2	10	do	0.4
<del>5334-5336</del> do	3	15	do	0.6
<del>5348</del> do	1	5	do	0.2
<del>5349</del> do	1	5	do	0.2
<del>5506</del> do	1	5	do	0.2
<del>5517-5520</del> do	4	20	do	0.8
<del>5524-5525</del> do	2	10	do	0.4
<del>5532</del> do	1	5	do	0.2
<del>5541</del> do	1	5	do	0.2
<del>5544</del> do	1	5	do	0.2
<del>5546-5547</del> do	2	10	do	0.4
<del>5549</del> do	1	5	do	0.2
<del>5551-5554</del> do	4	20	do	0.8
<del>5562</del> do	1	5	do	0.2
<b>Total</b>	<u>230</u>	<u>1150</u>		<u>46.0</u>

Bldg. No. 37

<del>5484</del> Motor generator	1	100	do	3.0
18149 Jack	4	16	do	0.4
<del>5475</del> Portable el. grinder	1	5	do	0.2
<del>5476-5478</del> do	3	15	do	0.6
<del>5484</del> do	1	5	do	0.2
<del>5493</del> do	1	5	do	0.2
<del>5462-5463</del> do el. drill	2	10	do	0.4
<del>5353</del> do	1	5	do	0.2
<del>5361-5364</del> do	4	20	do	0.8
<del>5366</del> do	1	5	do	0.2
<del>5369</del> do	1	5	do	0.2
<del>5372</del> do	1	5	do	0.2
<del>5378</del> do	1	5	do	0.2
<del>18128</del> do	1	5	do	0.2
<del>18141</del> Vice	1	4	do	0.1
<del>18145</del> do	2	8	do	0.2
<del>18152</del> do	1	4	do	0.1
<del>18153</del> do	1	4	do	0.1
<b>Total</b>	<u>23</u>	<u>226</u>		<u>7.5</u>

Bldg. No. 39

5628 Shearing machine	1	60	do	1.8
5603 Mechanical press	1	70	do	2.1
5575 do	1	70	do	2.1
5612 Hydraulic press	1	100	do	3.0
5613 do	1	50	do	1.5
5610 Forging machine	1	40	do	1.2
5624 Over head travelling crane	1	80	do	2.4
12212 Hydraulic press	<u>1</u>	<u>20</u>	do	<u>0.6</u>
	8	490		14.7

Bldg. No. 40

5588 Hack sawing machine	1	40	do	1.2
5589 do	1	40	do	1.2
5590 Inspection & testing machine	1	25	do	0.8
5591 Rope forming machine	1	60	do	1.8
8355 Electric hoist	1	20	do	0.6
8381 Chain block	1	3	do	0.1
8382 do	1	3	do	0.1
8383 do	1	3	do	0.1
8384 do	1	3	do	0.1
8385 do	1	3	do	0.1



10528 Surface plate	1	15	do	0.5
10529 do	1	15	do	0.5
10530-10537 do	8	120	do	3.6
10544-10548 do	5	75	do	2.5
10622 DC. motor	1	5	do	0.5
10668 do	1	25	do	0.8
10672 do	1	25	do	0.8
14108 Manual pump	2	80	do	2.4
<b>Total</b>	<u>30</u>	<u>560</u>		<u>17.7</u>

Bldg. No. 41

5639 Drilling machine	1	30	do	0.9
5640 do	1	30	do	0.9
5645 Hydraulic press	1	70	do	2.1
5647 Drilling machine	1	30	do	0.9
5649 do	1	30	do	0.9
5655 Welding machine	1	5	do	0.2
14067 Surface plate	2	30	do	0.9
14068 do	9	135	do	4.1
14069 Vice	2	8	do	0.2
14070 Leg vice	1	4	do	0.1
14071 do	1	4	do	0.1
14072 do	8	32	do	1.0
<b>Total</b>	<u>29</u>	<u>408</u>		<u>12.3</u>

Bldg. No. 52

6962 Band sawing machine	1	40	do	1.2
6963 Drilling machine	1	80	do	2.4
6965 Steam engine	1	100	do	3.0
6967 Shearing machine	1	50	do	1.5
6968 Scrap press	1	70	do	2.1
13569 Pump	1	10	do	0.3
15445 Wood band saw	1	80	do	2.4
15446 Magnetic separator	1	60	do	1.8
15447 Vice	4	16	do	0.5
<b>Total</b>	<u>12</u>	<u>506</u>		<u>15.2</u>

Bldg. No. 55

<del>15343 Air compressor</del>	1	300	do	9.0
<del>15376 Engine generator</del>	1	210	do	6.3
<del>15348 Blower</del>	1	30	do	0.9
<del>15385 Surface plate</del>	1	15	do	0.5
<del>15384 do</del>	1	15	do	0.5
<del>15356 Motor</del>	1	22.5	do	0.7
<del>15369 do</del>	1	22.5	do	0.7
<del>15368 do</del>	1	22.5	do	0.7
<del>15349 do</del>	1	30	do	0.9
<del>15351 do</del>	1	22.5	do	0.7
<del>15360 do</del>	1	22.5	do	0.7
<del>15359 do</del>	1	22.5	do	0.7
<del>15370 do</del>	1	12	do	0.4
<del>15375 Diesel engine generator</del>	1	400	do	12.0
<del>15374 do or</del>	1	450	do	13.5
<del>13661 Oxygen separator</del>	1	70	do	2.1
<del>15362 Motor</del>	1	22.5	do	0.7
<del>15361 do</del>	1	67.5	do	2.0
<del>15367 do</del>	1	22.5	do	0.7
<del>15365 do</del>	1	45	do	1.4
<del>15358 do</del>	1	45	do	1.4
<del>15352 do</del>	1	45	do	1.4
<del>15353 do</del>	1	45	do	1.4
<del>15350 do</del>	1	67.5	do	2.0
<del>15354 do</del>	1	45	do	1.4



15357 Motor	1	37.5	do	1.1
15371 do	1	22.5	do	0.7
15372 do	1	22.5	do	0.7
15364 do	1	22.5	do	0.7
15363 do	1	22.5	do	0.7
15373 do	1	45.0	do	1.4
15355 do	1	45.0	do	1.4
15366 do	1	60.0	do	1.8
15347 Pump	1	280.0	do	8.4
15346 do	1	210.0	do	6.3
15344 do	1	210.0	do	6.3
15345 do	1	210.0	do	6.3
13660 Oxygen separator	1	50.0	do	1.5
13662 do	1	50.0	do	1.5
13663 do	1	50.0	do	1.5
16560 Platform scale	1	10.0	do	0.3
15383 Surface plate	1	15.0	do	0.5
15382 do	1	15.0	do	0.5
15381 do	1	15.0	do	0.5
<b>Total</b>	<b>44</b>	<b>3464.5</b>		<b>104.8</b>

<u>Bldg. No. 66</u>				
9356 Surface plate	1	15	do	0.5
9355 do	1	15	do	0.5
9354 do	1	15	do	0.5
9353 do	1	15	do	0.5
9351 do	1	15	do	0.5
9352 do	1	15	do	0.5
7008 Over head travelling crane	1	80	do	2.4
9357 Surface plate	1	20	do	0.6
9349 do	1	15	do	0.5
9348 do	1	15	do	0.5
9350 do	1	15	do	0.5
10558 do	1	15	do	0.5
7007 Steam hammer	1	120	do	3.6
7009 O.h. travelling crane	1	80	do	2.4
7005 Steame hammer	1	80	do	2.4
7001 Air hammer	1	80	do	2.4
6999 Drop hammer	1	60	do	1.8
9358 Surface plate	1	15	do	0.5
9360-9362 do	3	45	do	1.5
9997 do	1	15	do	0.5
14882 do	1	5	do	0.2
9359 do	1	15	do	0.5
14883 do	1	5	do	0.2
15334 O.h. travelling crane	1	100	do	3.0
7010 do	1	130	do	3.9
15335 Air compressor	1	180	do	5.4
<b>Total</b>	<b>28</b>	<b>1180</b>		<b>36.3</b>

ALL TOTAL:

992 machines  
44,867  
1,396.3

31708 pts.

LABOUR CONSUMED



775013

22 - - 24 - (B)



22-24-(B)

<u>Bldg. No. 1</u>				
855 Radial drilling machine	1	120	do	3.6
873 Drilling machine	1	30	do	0.9
<del>882 Meter</del>	1	5 ✓	do	0.2
893 Grinding machine	1	5	do	0.2
906 Drilling machine	1	80	do	2.4
1083 Slotting machine	1	200	do	6.0
1084 do	1	200	do	6.0
1085 do	1	200	do	6.0
1094 Boring machine	1	200	do	6.0
1095 Horizontal milling machine	1	200	do	6.0
1128 Shaper	1	100	do	3.0
1131 do	1	100	do	3.0
1165 Boring machine	1	200	do	6.0
1181-1182 Radial drilling machine	2	240	do	7.2
1190 do	1	120	do	3.6
1193-1194 do	2	240	do	7.2
1196 do	1	120	do	3.6
1198 Boring machine	1	180	do	5.4
1250 Drilling machine	1	160	do	4.8
1536 do	1	20	do	0.6
<del>1163-1164 welding machine</del>	2	10 ✓	do	0.3
Total	24	2730 2715		82.0

<u>Bldg. No. 2</u>				
<del>1395 Welding machine</del>	1	5 ✓	do	0.2
1407 Grinding machine	1	5	do	0.2
1420 do	1	5	do	0.2
1421 Shearing machine	1	50	do	1.5
1422 Mechanical press	1	40	do	1.2
22593 Manual press	1	10	do	0.3
Total	6	115 110	do	3.6

<u>Bldg. No. 3</u>				
866 Drilling machine	1	30	do	0.9

<u>Bldg. No. 4</u>				
857 Drilling machine	1	30	do	0.9
863 do	1	30	do	0.9
871 do	1	30	do	0.9
872 do	1	30	do	0.9
874 do	1	30	do	0.9
879 do	1	30	do	0.9
923 Lathe	1	100	do	3.0
940 Lathe	1	100	do	3.0
946 do	1	100	do	3.0
950 do	1	100	do	3.0
969 Hack sawing machine	1	40	do	1.2
1075 do	1	5	do	0.2
1079 Grinding machine	1	5	do	0.2
1080 do	1	5	do	0.2
1081 Engraving machine	1	200	do	6.0
1082 Slotting machine	1	200	do	6.0
1088 do	1	200	do	6.0
1092 do	1	200	do	6.0
1093 do	1	200	do	6.0
1096 do	1	200	do	6.0
1098 do	1	200	do	6.0
1103 Lathe	1	100	do	3.0
1114 Shaper	1	50	do	1.5
1136 do	1	100	do	3.0
1140 Lathe	1			



1140 Lathe	1	400	do	12.0
1141 Milling machine	1	150	do	4.5
1144 Slotting machine	1	200	do	6.0
1152 Lathe	1	400	do	12.0
1156 Milling machine	1	150	do	4.5
1168 do	1	120	do	3.6
1221 Turret lathe	1	100	do	3.0
1272-1273 lathe	2	130	do	3.9
1677 Mechanical press	1	50	do	1.5
1680 Hydraulic press	1	60	do	1.8
1687 Shearing machine	1	50	do	1.5
<b>Total</b>	<b>3335</b>	<b>4095</b>	<b>4095</b>	<b>123.0</b>

Bldg. No. 9

1446 Grinding machine	1	5	do	0.2
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Bldg. No. 10

<del>851 E.I. welding machine</del>	1	5 ✓	do	0.2
852 Grinding machine	1	5	do	0.2
853 do	1	5	do	0.2
856 Drilling machine	1	30	do	0.9
867 do	1	30	do	0.9
884 Grinding machine	1	5	do	0.2
970 Hack sawing machine	1	40	do	1.2
1074 Grinding machine	1	5	do	0.2
<del>1332 E.I. welding machine</del>	1	5 ✓	do	0.2
<del>1336 do</del>	1	5 ✓	do	0.2
<del>1342-1343 Generator</del>	2	124 ✓	do	3.7
1346 Grinding machine	1	5	do	0.2
<del>1381-1384 E.I. welding machine</del>	4	20 ✓	do	0.6
<del>1387-1388 do</del>	2	10 ✓	do	0.3
<del>1396-1397 do</del>	2	10 ✓	do	0.3
1418 Drilling machine	1	30	do	0.9
1599 Grinding machine	1	5	do	0.2
<del>1662 E.I. welder</del>	1	5 ✓	do	0.2
7688 galvanizing equipment	1	20	do	0.6
<b>Total</b>	<b>25</b>	<b>364</b>	<b>180</b>	<b>11.4</b>

Bldg. No. 11

1335 Welding bar cutting machine	1	5	do	0.2
1336 Grinding machine	1	5	do	0.2
1337 Air compressor	1	30	do	0.9
<b>Total</b>	<b>3</b>	<b>40</b>	<b>40</b>	<b>1.3</b>

Bldg. No. 12

7688 Manual winch	1	100	do	3.0
-------------------	---	-----	----	-----

Bldg. No. 13

897 Drilling machine	1	30	do	0.9
22594 do	1	30	do	0.9
<b>Total</b>	<b>2</b>	<b>60</b>	<b>60</b>	<b>1.8</b>



<u>Bldg. No. 14</u>				
862 Drilling machine	1	30	do	0.9
1326 Grinding machine	1	5	do	0.2
<b>Total</b>	<u>2</u>	<u>35</u> 35		<u>1.1</u>
<u>Bldg. No. 16</u>				
861 Drilling machine	1	30	do	0.9
864 do	1	30	do	0.9
865 do	1	30	do	0.9
868 do	1	30	do	0.9
869 do	1	30	do	0.9
875 do	1	30	do	0.9
876 do	1	30	do	0.9
877 do	1	30	do	0.9
878 do	1	30	do	0.9
880 do	1	30	do	0.9
881 Air compressor	1	30	do	0.9
885 Drilling machine	1	30	do	0.9
886 do	1	30	do	0.9
889 do	1	30	do	0.9
890 Grinding machine	1	5	do	0.2
891 do	<del>5</del> 1	5	do	0.2
892 Drilling machine	1	30	do	0.9
896 do	1	30	do	0.9
1077 Grinding machine	1	5	do	0.2
1419 Drilling machine	1	30	do	0.9
1549 Grinding machine	1	5	do	0.2
<del>1600 Meter</del>	<del>1</del>	3	do	0.1
1602 Grinding machine	1	5	do	0.2
1665 do	1	5	do	0.2
7650-7651 Hoist el.	2	40	do	1.2
<b>Total</b>	<u><del>26</del> 25</u>	<u>583</u> 580		<u>17.8</u>
<u>ALL TOTAL</u>	<u>127</u> 124	8157	**2431-	246.1
	108	7915-		



22-24

Finance Bureau's request of \$164,707 is for building sheds over forging equipment. These are large hammers in the Forging Shop.

Mr. Sts claims that there are about 7 hammers and several smaller equipment which will have to be protected.

Past experience on cost of shed of this nature is about \$15,000 each. Assuming that 10 such sheds are built, the total cost will be \$150,000.

Disregard estimate break-down which totals \$203,396.

164

WTKM

Mr Holland  
Draft letter please  
JW

Company's plan is to build one continuous shed over the equipment and store small miscellaneous items between the heavy equipment. Area of shed is approximately 40 tons. At cost of \$4000 per ton the cost will be \$160,000.

Recommend approval of Finance Bureau's estimate of \$164,000.-

WTKM



Revised

Line Sanzys -	22-24	22-24B	
Points	31708	7915	Total 39623.
Items	398	108	" 506

Maintenance

Labor -

Surface cleaning	$\frac{39623}{200} = 198 @ 480$	¥ 95,040
Materials	$\frac{39623}{100} = 396 @ 256$	101,396
Misc Exp.	396 @ 4.-	1,584
		¥ 198,020

Recommend approval based on surface cleaning as follows.

Materials available in most cases.

Estimate as follows.

Materials (new purchases)	¥ 20,723
Labor	95,040
Misc Exp.	<u>1,584</u>
	¥ 117,347

5 Feb 1951

Mr. Frazer, Our recommendation  
for Plant 22-24 and  
22-24B is ¥ 117,347

*WJH*

*JJA*



Line Sangyo 22-24  
22-24(B)

Maintenance

1119 items 53,024 pts

Labors  $\frac{53,024}{200} = 265.12 \text{ man} @ \frac{4}{480} = 127,200$   
Partial overhaul 254,400

Material  $\frac{53,024}{100} = 530 @ \frac{4}{256} = 145,680$

Misc Exp. 530 @  $\frac{4}{4} = 2,120$

Get Revised sheet.

2,120  
¥ 275,000

Surface cleaning 4 hrs. / 100 pts.  
Partial overhaul 8 hrs / 100 pts.  
Complete " 32 " / 100 pts.

1 man 530  
2 helpers 400  
530  
800  
3) 1330  
443

Note: - Petition is contradictory

claims no repairs 256

yet asks for ¥164,707

Estimate also shows difference  
asking for ¥203,396

Verification requested

¥164,707 to be used for building sheds over equipment  
WTHM

265  
480  
21200  
127200  
129320



MI-1d 22-27

KYOTO POST COMMAND  
APO 9

26 Feb 1951

387.6 - E

SUBJECT: Request for Authorized Use of Reparations Transformers

TO : Commanding General  
Southwestern Command  
APO 15

1. Reparations transformers listed on attached inclosure are essential for proper operation of the installations in which they are presently installed.

2. Subject items, although in use for the past year, were inadvertently omitted on inventory report required by letter, Headquarters Eighth Army, file AGLDC 386.3, subject: "Accountability of Reparations Equipment Loaned to Occupation Forces," dated 11 August 1949.

3. As further retention is desired, it is requested that subject transformers be approved for authorized use, chargeable to the Regional Post Engineer, Kyoto Post Command, Account 8A-913-PE.

FOR THE COMMANDING OFFICER:

1 Incl:  
List of reparations  
transformers (in trip)

s/ Oscar King  
t/ OSCAR KING  
Major Inf  
Adjutant

VE 387.6

1st Ind

JRH/kh

HQ SOUTHWESTERN COMMAND, APO 15

2 Mar 1951

TO: Commanding General, Japan Logistical Command, APO 343

Recommend approval

FOR THE COMMANDING GENERAL:

1 Incl:  
n/c

s/ A. C. Bernstein  
t/ A. C. Bernstein  
1st Lt AGC  
Asst Adj Gen



C O P Y

JL 387.6 EN-ESC (26 Feb 51) 2d Ind

Subject: Request for Authorized Use of Reparations Transformers

HEADQUARTERS JAPAN LOGISTICAL COMMAND, APO 343

8 Mar 1951

TO: Supreme Commander for the Allied Powers, APO 500

1. Request items of reparations equipment listed on Inclosure 1, inadvertently omitted from initial inventory reports transmitted to your headquarters by Headquarters, Kyoto Post Command, be placed on authorized use status.

2. These items are presently installed and in use by units under the responsibility of the Regional Post Engineer, Kyoto Post Command, Account 913-PE.

FOR THE COMMANDING GENERAL:

1 Incl.  
n/c/s/ DeWitt M. Miles  
t/ DEWITT M. MILES  
Captain AGC  
Asst Adj General

AG 387.6(26 Feb 51)CPC/AD

3d Ind

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS,  
APO 500 22 Mar 51TO: Commanding General, Japan Logistical Command, APO 343  
Attn: Engineer Section

Continued authorized use of reparations equipment listed in Inclosure 1 is approved.

BY COMMAND OF GENERAL MACARTHUR:

1 Incl  
n/ct/ Cyril A. Barnes  
Lt Col. AGC  
Asst Adj GenDISTR:  
ESS  
CAS



Request for Permission to Use the Following  
 Reparation Transformers Be made:

<u>Installations</u>	<u>Reparation Inventory Code Number</u>	<u>Phase</u>	<u>KVA</u>	<u>Item</u>
C-1	22-24-2796	(1)	50	Induction Regula- tor transformer (PV 3450-2850 (SV 200/100



775013

*Nishis. per*  
*Note +*

*File*

*22-24*

*This amounts to a partial reconversion permit - for this one operation only.*

*JML*

FEBRUARY						
S	M	T	W	T	F	S
..	..	1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	..	..	..	..

**6**

APRIL						
S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

MONDAY



775013

*This is in line with what get contents from previous*

*MT-1d  
22-24 Mv Frye*

GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS  
Economic and Scientific Section  
APO 500

HBO/WT/ns

16 February 1951

561.4(16 Feb 51)ESS/IND

MEMORANDUM FOR: Ministry of Transportation, Ship Bureau

SUBJECT: Application for Approval of Classification Work on S. S. "Daiho Maru" by Iino Sangyo Kaisha, Ltd.

1. Reference is letter from Ministry of Transportation MOT-W No. 120(VB), 14 February 1951, subject: Application for Approval to Classification Work on S.S. "Daiho Maru" to be done by Iino Sangyo Kaisha, Ltd.

2. No objection is offered to the conversion of the 2TL type tanker S. S. "Daiho Maru" as described in the above reference letter.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

MAURICE M. CLASS  
Chief, Industry Division

1 Incl  
Ltr, MOT-W No.  
120 (VB), Applic  
for Approval to Classi-  
fication Work on S.S.  
"Daiho Maru" by Iino  
Sangyo Kaisha, Ltd.,  
14 Feb 51.

HBO/ns  
16 Feb 51

MEMO FOR RECORD:

1. Reference is paragraph 1 above.
2. Request is made by the Japanese Government to allow the conversion of a tanker at Maizuru Ex-Navalyard. This work is necessary to maintain the yard in operation. The work will take about two months for completion.
3. This conversion is permissible under paragraph 10, JCS 87.
4. The application has been discussed with COMNAVFE and they have no objections.
5. Concurrence G-4.

Mr. Thurman  
26-8485

M. M. C.

Copies to: CAS(2), CHS, G-4

KINKI INFORMATION:  
FEB 19 1951 O.D. 11

*AP*

CAS

1-1903



I I  
COPY

MOT-W No. 120 (VB)

14 February 1951

TO : GENERAL HEADQUARTERS.  
SUPREME COMMANDER FOR THE ALLIED POWERS.  
Attention: Chief of Economic and Science Section.

FROM : MINISTER OF TRANSPORTATION.

~~THROUGH : Liaison Bureau, Ministry of Foreign Affairs.~~

SUBJECT : Application for Approval to Classification Work on  
S.S. "Daiho Maru" to be done by Iino Sangyo  
Kaisha, Ltd.

On 25 January 1951, the Iino Sangyo Kaisha, Ltd. filed with the Japanese Government an application for approval for the subject matter as per Inclosures. After careful study on the fact described in the application, we found that all is correct and true, and consider that its petition is exactly reasonable.

The above Iino Sangyo Kaisha, Ltd., since the start of its operation after reconversion of the Maizuru Ex-Navy Yard for civilian purposes, has faithfully obedient to the directives of Supreme Commander for the Allied Powers and wholly fulfilled the requirement under the Japanese Government's supervision to our satisfaction.

The Japanese Government has fully realized that the Iino Sangyo Kaisha, Ltd., even at the time when it was suffered from severe managical difficulties, has rationalized the enterprises



itself and has unceasingly contributed to the accomplishment of Occupation Forces' objectives and the rehabilitation of peace industries in Japan as well as to the stabilization of people's living of the Maizuru area with its utmost efforts.

However, the direct or indirect effects caused from enforcement of the directive of SCAP, subject: "Revision of Scope of Activities in Former Japanese Naval Shipyards" dated 23 June 1950, and from the unfavorable process of the Korean war that was broken out immediately after, has brought the most critical situation on the management of the said Company, as stated on the application herewith, and finally the said Company was compelled to submit the application lately.

It is generally recognized well that there is no industrial zone large enough to absorb enormous unemployees in the nearby district of Maizuru at all because of its economic-geographical characteristics.

Therefore, should the said Company unfortunately be forced to carry out another mass dismissal, the possible problem of stabilization of livelihood in that area from that cause would surely be a great concern of the Japanese Government.

On the other hand, the marine and shipbuilding policies in Japan has recently been driven vigorously following the notably changed international situation, and this, in turn, makes it inevitably necessary to acquire classification for



large-size war time standard vessels as quickly as possible. At the same time, the urgent requirements of the U.S. Army in Maizuru area have to be met by all means.

For those reasons, the Japanese Government, which has an interest in the existence of the said Company that is operating the best and unique industrial facilities on the Japan Sea Coast area, believe confidently it is recommendable to have the said Company carry out the classification work on the 2 TL type tanker S.S. "Daiho Maru" owned by the Iino Kaiun Kaisha, Ltd., the sister-company of the Iino Sangyo Kaisha, Ltd.

In view of the above, it is hereby requested that taking into due consideration on the circumstances, you will kindly grant approval for the application.

FOR THE MINISTER OF TRANSPORTATION.

---

S. Amari  
Director of Ship Bureau,  
Ministry of Transportation.

1 Incl.: Application from the Iino Sangyo Kaisha, Ltd. to the Japanese Government, dated 25 January 1951.



COPY

25 January 1951

To : Mr. Yamazaki, Minister of Transportation.

From : Kensuke Matano, President of Iino Sangyo Kaisha, Ltd.

Subject : Application for Approval for Work on 2TL Tanker  
S.S. "DAIHO MARU" owned by Iino Kaiun Kaisha, Ltd.  
for Acquiring Classification of Bureau Veritas, to  
be done at Maizuru Works of Iino Sangyo Kaisha, Ltd.

It is our greatest delight that there appears the welcome tendencies to drive vigorously the marine and shipbuilding policies in Japan recently following the notably changed international situation.

Since we completed the repair work on the French restitution ship S.S. "Teiritsu Maru" at the end of last November, as you know, the Maizuru Works of our Company has faced severe business depression and recently no repair work has been executed at all. This is the most distressful circumstances that our Company has ever confronted since the opening of dockyard.

We, looking ahead for today's critical situation, enforced drastic personnel cut three times in succession in line with the whole industrial adjustment of our Company since 1949, but we have now a great anxiety that should we carry on our management under the existing circumstances as it is, we would find it quite hard to keep up our management, not to speak of carrying out another inevitable personnel cut.

In order to overcome these difficulties we effected mass dismissal as we described above, and at the same time, have made our utmost efforts, co-operating each other, in executing repair work on vessels available within the scope of work precisely approved. You, as the supervisory authorities, have already known well that we have tried hard to cut the cost and to shorten the period of repair in bidding to get orders continuously.

Since the outbreak of the Korean war, we have been concentrating our efforts in good faith upon securing repair orders from the ship-owners who are generally unwilling to take their vessels into the Japan Sea Coast for repairing. However, entering this year, with the sudden change of situation, it came to such a state that the marine insurance companies, saying it would be dangerous to sail on that area, request the



ship-owners to insure all vessels against war risks which enter into the Japan Sea. Consequently, the ship-owners give up to have their vessels sail on that area for the time being, and even those repair work which were previously agreed with our dockyard to be carried on during January and February, were all cancelled. Furthermore, the National Railway Corporation that used to give us orders of the periodical and annual survey up to now, has refrained from placing orders of its ferry-steamers. Such being the case, we have not even a vessel to do repair in such a critical situation.

On the other hand, the United States Forces, taking account of the Maizuru Harbor and her facilities, have taken up rapid array equipping Maizuru Area since the end of last year, and many American vessels are expected to enter into the Maizuru Harbor in succession shortly. In connection with this operation, the Maizuru Branch of our Company have already settled the contracts for stevedoring and other accompanying services with the U.S. Army. At present, not only our Company but all the Maizuru citizens have a sincere intention to render their help to and to co-operate with the United Nations Forces to the full extent. But, thinking of the acute situation of our dockyard, they are deeply worrying over the future outcome.

At this juncture, to be fortunate enough for us, the 2 TL type tanker S.S. "Daiho Maru" owned by the Iino Kaiun Kaisha, Ltd., our sister-company, is under the urgent necessity to be executed the work for acquiring the classification of Bureau Veritas.

Therefore, in order to tide over our managical difficulties for the time being and to fulfil the expectation of the U.N. Forces, we hereby solicit for your special consideration sincerely so that we may be favored with the approval of the Authorities concerned for executing the work at the Maizuru Works of our Company.

Outline of the work to be done is as per Annex, and the S.S. "Daiho Maru" is now on her way home from Bahrein, so we should like to commence the work upon her arrival on 20 February 1951, taking her in dock immediately.

Cordially yours,

---

Kensuke Matano  
President,  
Iino Sangyo Kaisha, Ltd.



ANNEX

Particulars and Explanation of Work to be done on  
2 TL Tanker S.S. "Daiho Maru"

1. Particular of S.S. "Daiho Maru" :

Lpp	.....	149.74 m.
B	.....	20.40 m.
D	.....	12.00 m.
Gross Tonnage	.....	10,045 Tons
Main Engine	.....	Steam Turbine 4,100 HP 1 set.
Main Boilers	.....	Water-tube type 2 sets.
Speed	.....	13 Knots (Full Cargo)

2. Outline of Work:

In order to acquire the classification of Bureau Veritas (BV) and Nihon Kaiji Kyokai (NK), the following work to be done.

1. Reinforcement of longitudinal and transverse girders.
2. Increased of longitudinal deck girders.
3. Reinforcement of stringers of Stem and Stern part.
4. Construction of confferdem bulkheads at both ends of oil tanks.
5. Reinforcement of bulkheads.
6. Doubling of hatch corners.

3. Estimated Period of Repair Work: About two months.

(The vessel is expected to be docked immediately after her return to Japan on 20 February 1951.)



M1-1d

22-24(B)

HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 25-1 (Osaka, Honshu)

RAS/sy

15 August 1950

SUBJECT: Application for Release of Former Military  
Equipment

TO: Commanding General  
Kobe Base  
APO 317

1. Reference: Operational Directive No. 3, Headquarters Eighth Army, 3 August 1950.
2. Transmitted herewith is an application from the Kinki Finance Bureau requesting release of 34 items of equipment from the 2nd Ordnance Depot of the Maizuru Naval Arsenal, reparations plant code number 22-24 (b).
3. The items applied for are of scrap value only and have been released from reparations custody for melt-down purposes by the Civil Property Custodian, SCAP.
4. It is recommended that the items applied for be returned to the Japanese Government under the provisions of Par. 5, Operational Directive No. 3, Headquarters Eighth Army, dated 3 August 1950.

FOR THE CHIEF:

1 Incl:  
As above

STERLIN C. MOORE  
Major Infantry  
Deputy Chief



KINKI FINANCE BUREAU  
(Osaka)

14 July 1950

KFB No. 34

TO : Chief,  
Kinki Civil Affairs Region

THROUGH: Kinki Liaison & Coordination Office

SUBJECT: Application for Release of Former  
Military Property

1. The Bureau hereby submits the attached application for release of former military property in the former Maizuru Navy Arsenal, 2nd Ordnance Depot, Code No. 22 - 24 (B).

2. The items applied for were released from reparation custody in accordance with CPC memorandum dated 17 May 1950.

FOR THE CHIEF:

*M. Matsuda*  
MITSU HARU MATSUDA  
Deputy Chief,  
Kinki Finance Bureau

Incl: Application (1)  
List (1)

Endorsed by *M. Ueda*  
*for* Governor,  
Kyoto Prefecture  
Acting for  
Construction Ministry

KN/ss/as



## APPLICATION FOR RELEASE OF FORMER MILITARY PROPERTY

## 1. Location of Property:

Kuratani, Maizuru City, Kyoto Prefecture

## 2. Name and Kind of Property:

See Attached Sheet

3. Number: Total: 34 items

## 4. Proposed Use:

The items applied for will be used as  
melt down scrap.

## 5. Recommendation:

M. Matsuda  
Deputy Chief,  
Kinki Finance Bureau

Endorsed by

*for* M. Ueda  
Governor,  
Kyoto Prefecture  
Acting for  
Construction Ministry



## LIST OF ITEMS APPLIED FOR RELEASE

<u>Former Inv. No.</u>	<u>Name of Item</u>	<u>No.</u>	<u>Remarks</u>
1551 (2c)	Annealing Furnace	1	
1551 (7c)	Drying Furnace	1	
1551 (8c)	Heating Furnace	1	
21378	Drying Furnace	1	
21323	Kiln	1	
1578	Heating Furnace	1	
1579	Hardening Furnace	1	
1595	"	1	
1605	"	1	
1608	"	1	
1607	Annealing Furnace	1	
1606	Gas Furnace	1	
1594	Hardening Furnace	1	
1597	Heating Furnace	1	
1613 )	"	3	
thru )	"		
1615 )	"	1	
1625	"	1	
1626	"	1	
1629 )	"	4	
thru )	"		
1632 )	"	1	
1635	"	1	
1637 )	"	4	
thru )	"		
1640 )	"	3	
1643 )	"	3	
thru )	"		
1645 )	"	1	
1647	"	1	
1649	"	1	
1650	"	1	

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Total: 34 items



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Kyoto Prefecture  
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21323	Kiln	1	
1578	Heating Furnace	1	
1579	Hardening Furnace	1	
1595	"	1	
1605	"	1	
1608	"	1	
1607	Annealing Furnace	1	
1606	Gas Furnace	1	
1594	Hardening Furnace	1	
1597	Heating Furnace	1	
1613 )			
thru )	"	3	
1615 )			
1625	"	1	
1626	"	1	
1629 )			
thru )	"	4	
1632 )			
1635	"	1	
1637 )			
thru )	"	4	
1640 )			
1643 )			
thru )	"	3	
1645 )			
1647	"	1	
1649	"	1	
1650	"	1	

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Total: 34 items



775013

HEADQUARTERS  
KINKI CIVIL AFFAIRS REGION  
APO 25 (Osaka, Honshu)

RAS/my

22 June 1950

SUBJECT: Movement of Reparations Equipment and Release  
of Scrap Located at the Maizuru Naval Arsenal,  
Code No. 22-24b

THRU: Kinki Liaison & Coordination Office

TO: Kinki Finance Bureau  
ATTN: Chief of Reparation Section

1. Refer to memorandum for Reparations Division, Reparations Agency, Japanese Government, Tokyo, Japan, from the Civil Property Custodian, same subject as above, dated 17 May 1950.
2. Release of equipment effected by referenced memorandum pertains to release from reparations custody only. Inasmuch as the equipment is former military property, its return to Japanese Government ownership is subject to approval by the Commanding General, 25th Infantry Division.
3. Although applications for return to the Japanese Government of former military property in the Kinki Region are normally submitted to the Commanding General, 25th Infantry Division, through Japanese channels, it is desired that in this case, and in all instances involving former military property released from reparations custody, the application be submitted to this headquarters for processing and transmittal to the Commanding General, 25th Infantry Division.

FOR THE CHIEF:

STERLIN C. MOORE  
Major Infantry  
Deputy Chief

0-336



775013

KINKI

INFORMATION:

O.D. //

MAY 22 1950

CIVIL PROPERTY CUSTODIAN  
APO 500

387.6( 17 MAY 1950 )CPC/AD

EF/CHR/ak

MEMORANDUM FOR: Reparations Division, Reparations Agency, Japanese Government, Tokyo, Japan

SUBJECT: Movement of Reparations Equipment and Release of Scrap Located at the Maizuru Naval Arsenal, Code No. 22-24 b

1. Reference is made to letter from Reparations Agency, Reparations Division, R.A.R. 326 H.S., 15 April 1950, subject, "Application for Movement of Reparations Equipment and for Release of Land and Buildings Located in EX Maizuru Naval Arsenal (22-24 b)."

2. Request contained in reference 1 above for release of equipment as scrap, is approved as follows:

<u>Inventory No.</u>	<u>Description</u>
22-24-1551 (2c)	Furnace, Annealing
1551 (7c)	" , Drying
1551 (8c)	" , Heating
21378	" , Heating
21323	" , Limestone
1578	" , Heating
1579	" , "
1595	" , "
1605	" , Annealing
1608	" , Heating
1607	" , Annealing
1606	" , Gas
1594	" , Heating
1597	" , "
1613 thru 1615	" , "
1625	" , "
1626	" , "
1629 thru 1632	" , "
1635	" , "
1637 thru 1640	" , "
1643 thru 1645	" , "
1647	" , "
1649	" , "
1650	" , "

CAS

KINKI



Rpt rec'd + filed in 22-24

1-788 Incl 5



387.6( 17 MAY 1950 )CPC/AD 17 MAY 1950  
 Subj: Movement of Reparations Equipment and Release of Scrap Located  
 at the Maizuru Naval Arsenal, Code No. 22-24, b

2. The movement from casting and forging shops to #2 Boiler Shop of the following reparations items is approved:

<u>Inventory No.</u>	<u>Description</u>
22-24-1546	Furnace, melting
1548 (18c)	Overhead crane
1575 (19c)	Overhead crane
1652	Overhead crane

3. Disposition of land and buildings, no longer required for reparations custody and control, must be approved by the Civil Affairs Section, General Headquarters, Supreme Commander for the Allied Powers.

4. It is directed that a report be rendered to the Civil Property Custodian, General Headquarters, Supreme Commander for the Allied Powers, within ninety (90) days from date of this memorandum showing disposition of equipment transferred and released.

E. C. MILLER, Jr.  
 Colonel, Infantry  
 Deputy Custodian

DISTR:  
 CHS (2)  
 ESS  
 CAS



MI-1d  
22-24

MEMORANDUM FOR: RECORD

- SUBJECT: Movement and Authorized Use of Reparations Equipment

DATE: 12 February 1951

Movement of one Edge Planer, inv. code no. 22-24-5058, from the Maizuru Naval Arsenal, 22-24, to the West Japan Heavy Industries, Ltd., Hiroshima Shipyard & Engine Works, Minamikwannon-machi, Hiroshima City, Hiroshima Prefecture, for authorized use was approved by GHQ, SCAP memorandum for the Japanese Government Reparations Agency, 3 February 1951.



M1-1d

22-24

**MEMORANDUM FOR: RECORD****SUBJECT: Movement and Authorized Use of Reparations Equipment****DATE: 8 February 1951**

Movement of equipment from the Osaka Military Arsenal, Sonobe Branch, 22-132 (s) and Maizuru Naval Arsenal, 22-24, to the Hitachi Shipbuilding & Engineering Co., Ltd., Sakurajima Shipyard at 17 Sakurajima, Minami-cho, Konohana-ku, Osaka City for authorized use was approved by GHQ, SCAP memorandum for the Japanese Government Reparations Agency, 26 January 1951, as follows:

1. Osaka Military Arsenal, Sonobe Branch:

22-132(s)-72, 99, 102, 144, 252, 366, 371, 381 and 383. <sup>376/</sup>

2. Maizuru Naval Arsenal:

22-24-1083, 1196 and 1264