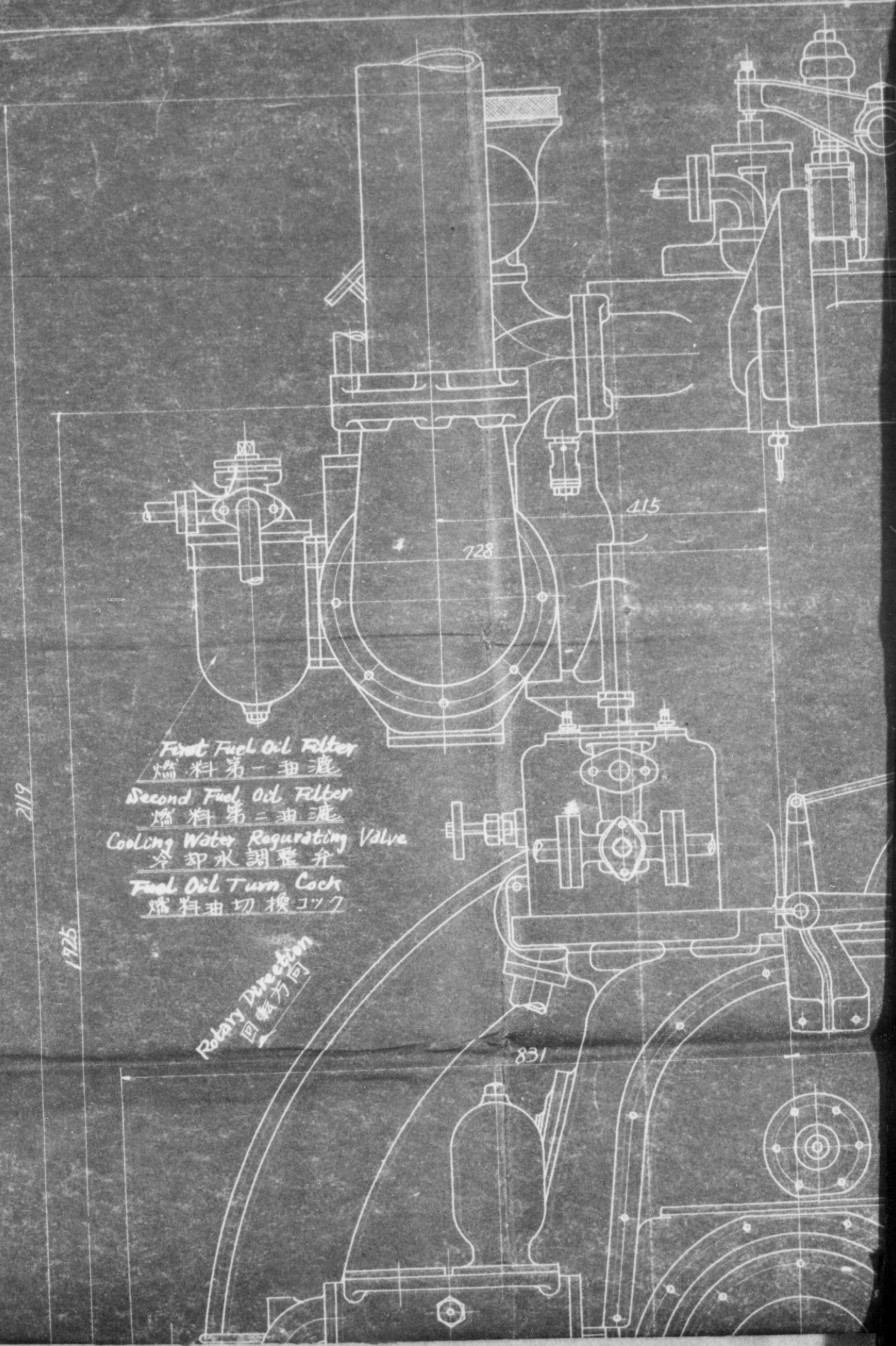
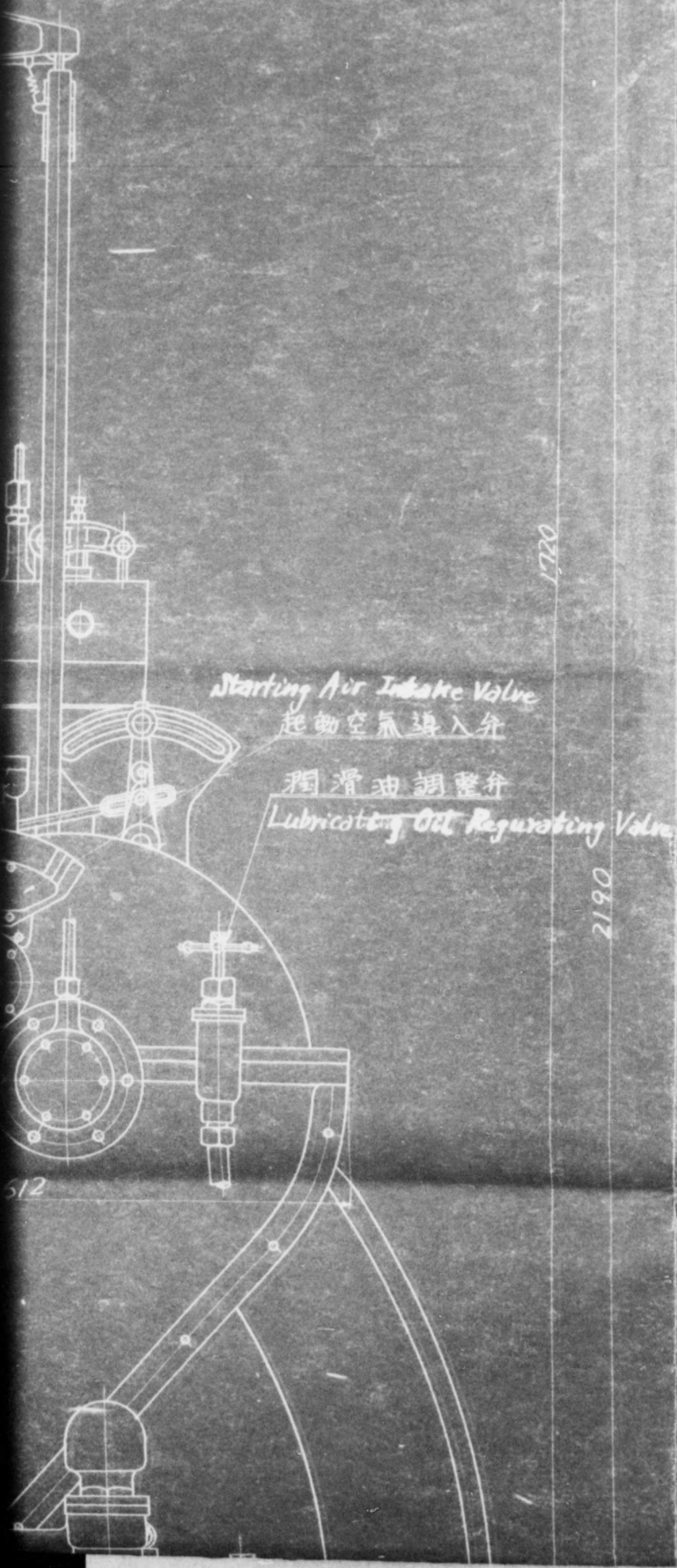


7°
Filter



- First Fuel Oil Filter
燃料第一油濾
- Second Fuel Oil Filter
燃料第二油濾
- Cooling Water Regulating Valve
冷却水調整弁
- Fuel Oil Turn Cock
燃料油切換コック

Rotary Direction
回転方向



Governor Spring

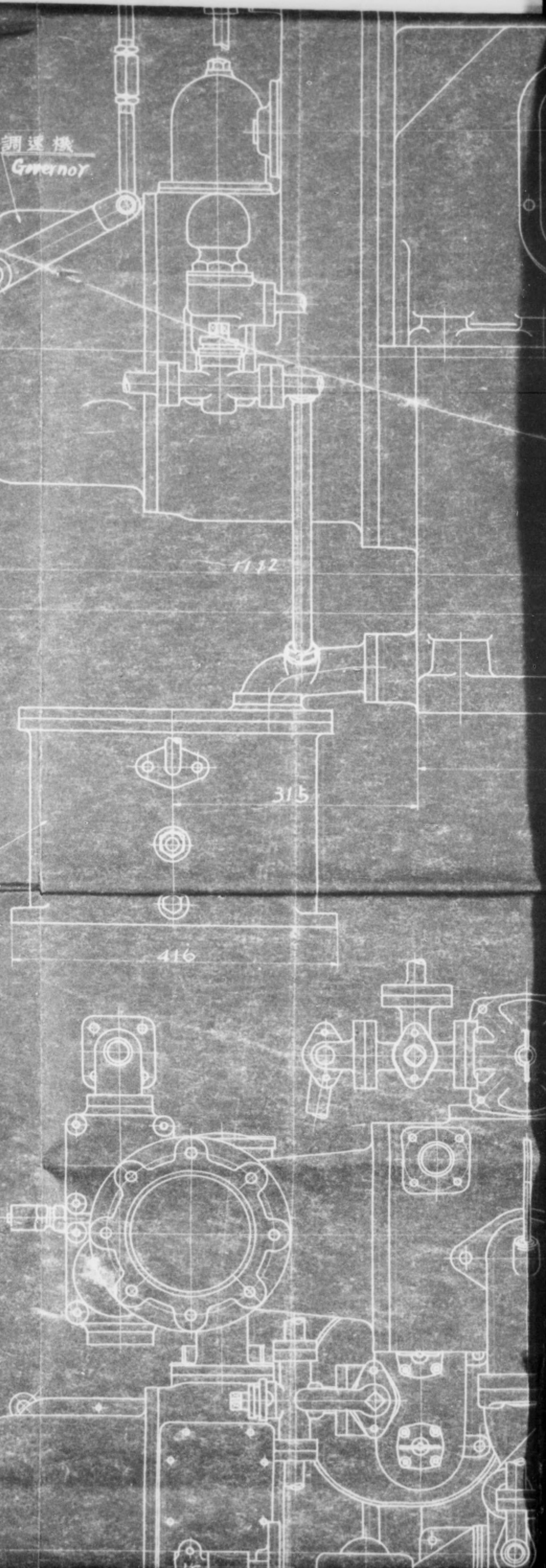
调速機バネ

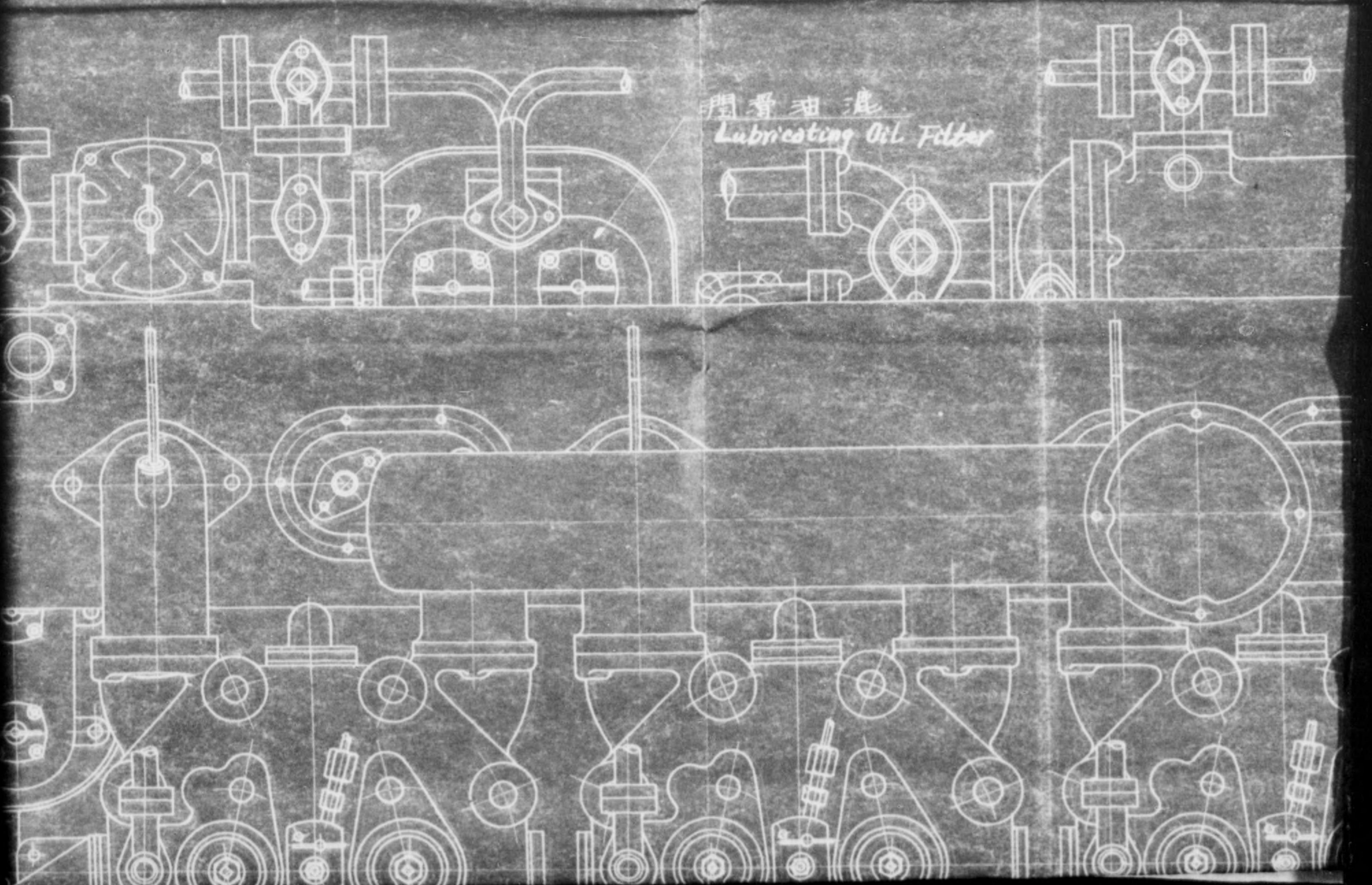
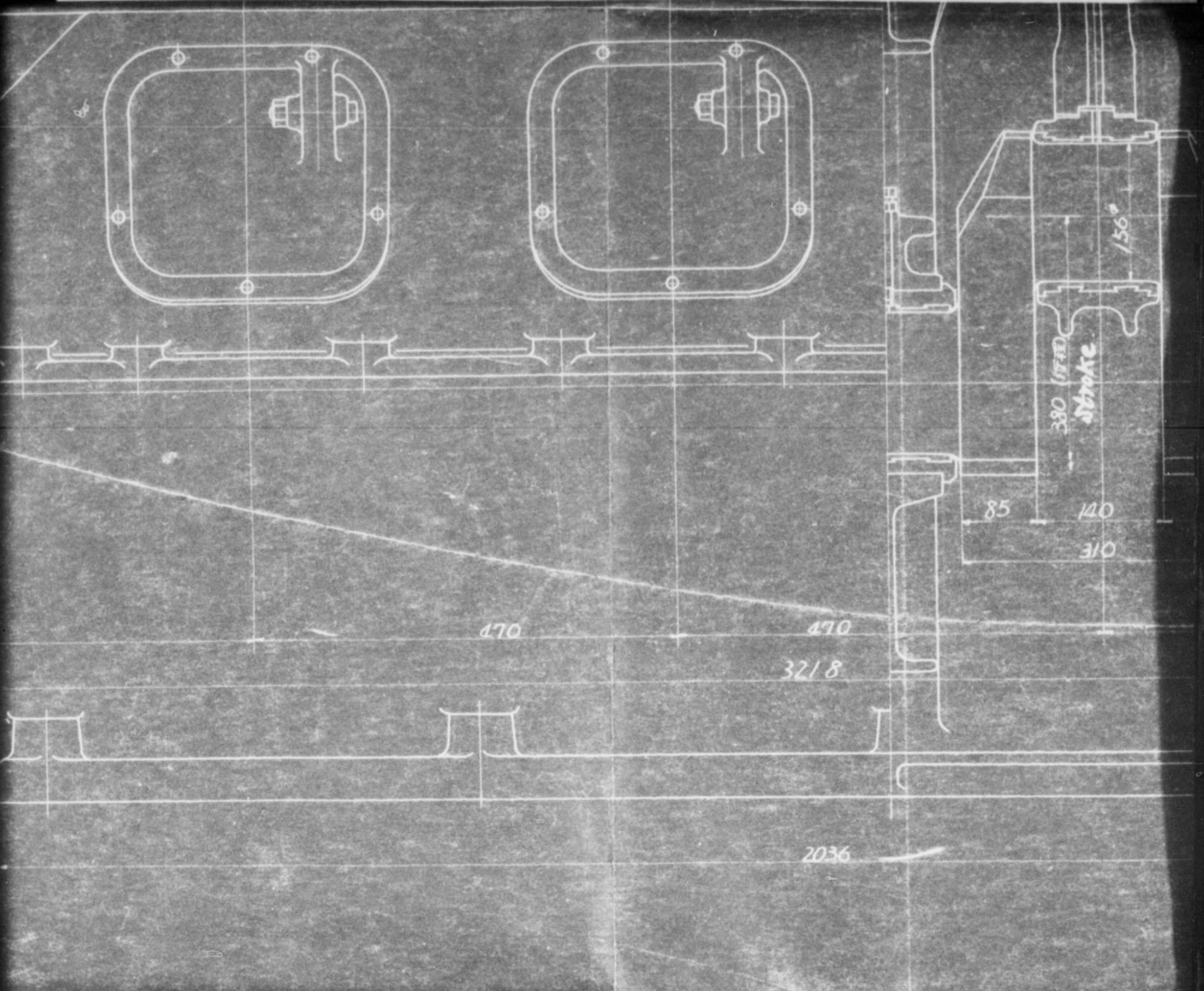
调速ハンドル

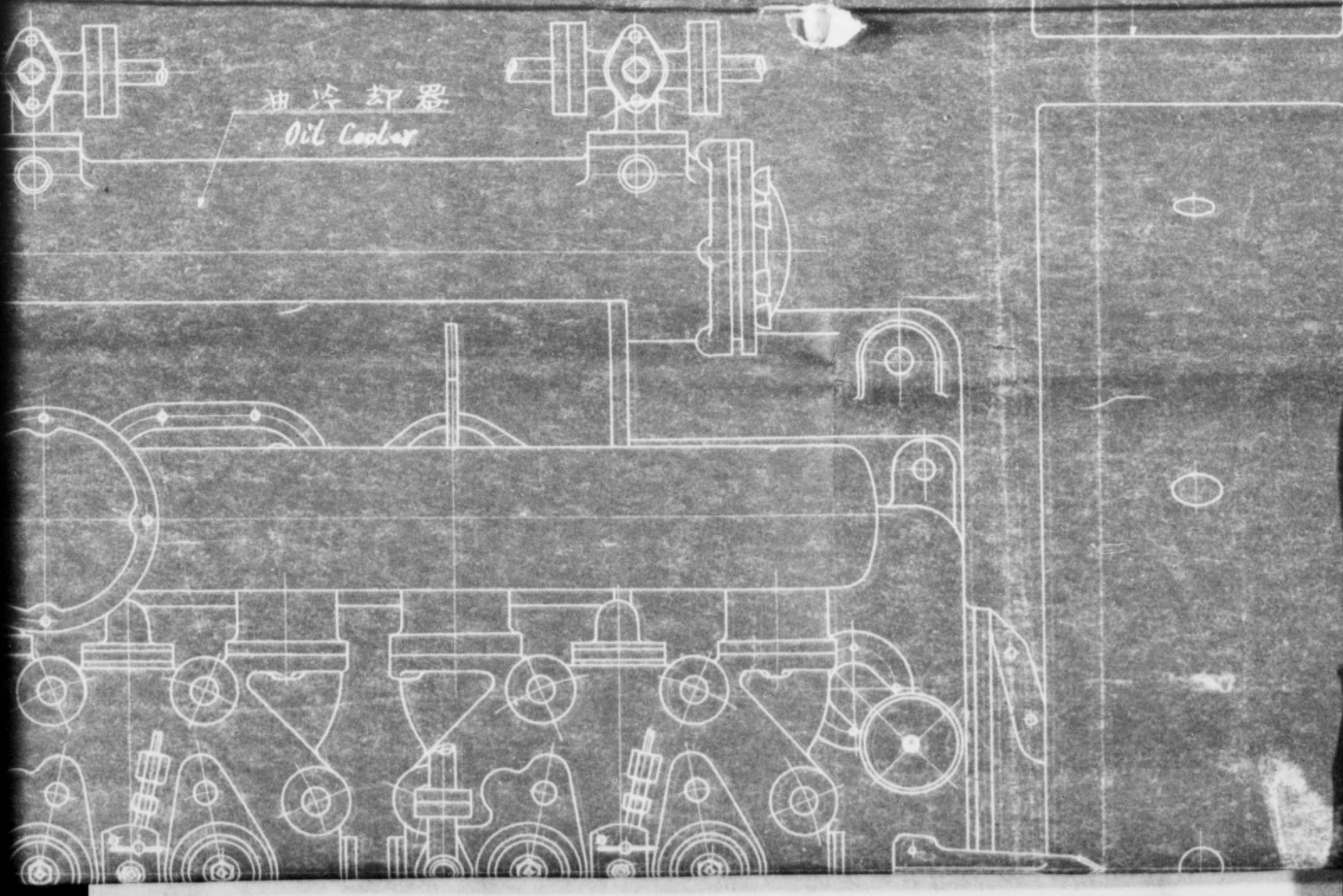
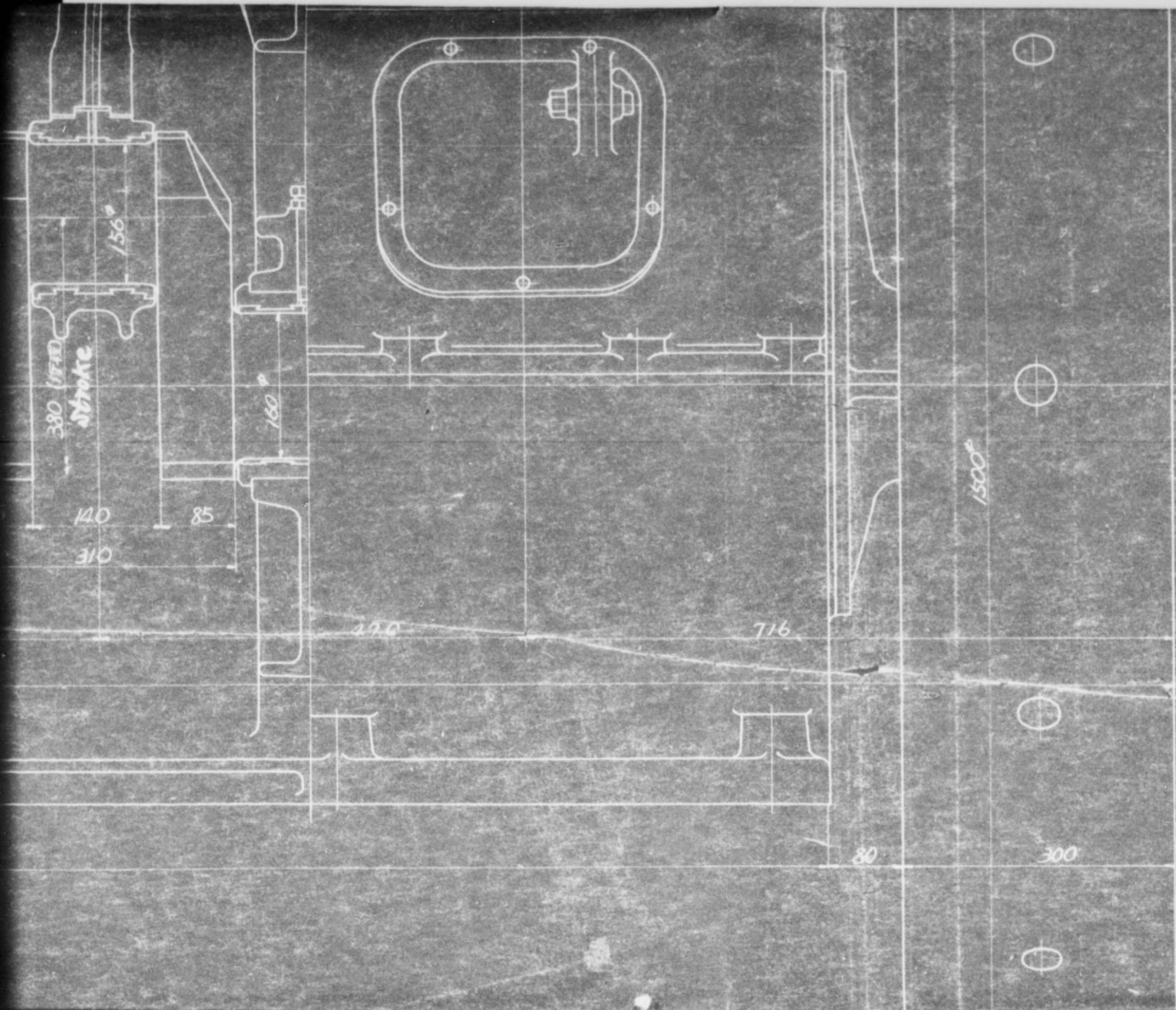
Speed Regulating Handle

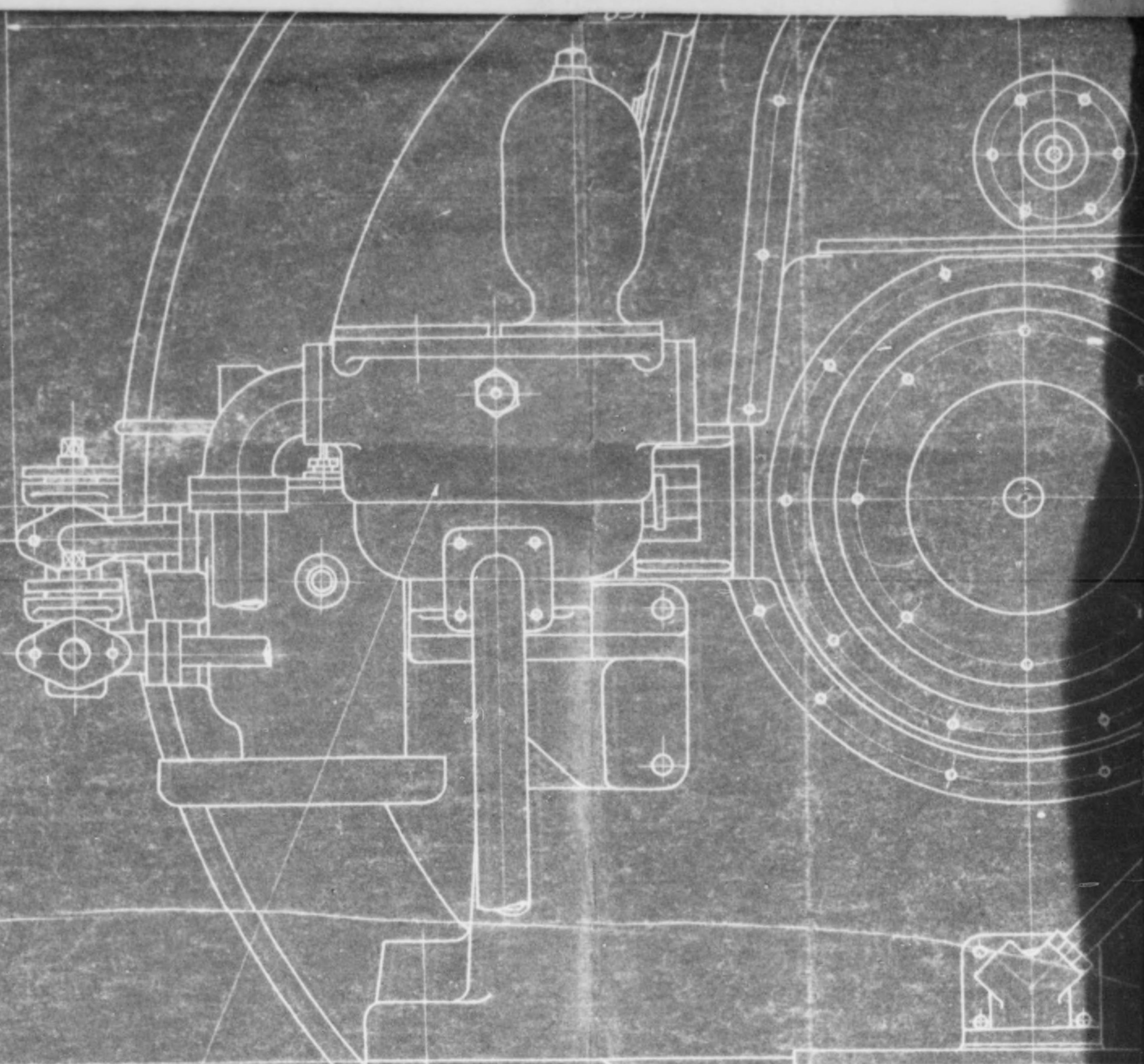
调速機
Governor

潤滑油溜
Lubricating Oil Reservoir









冷却水ポンプ
Cooling Water Pump

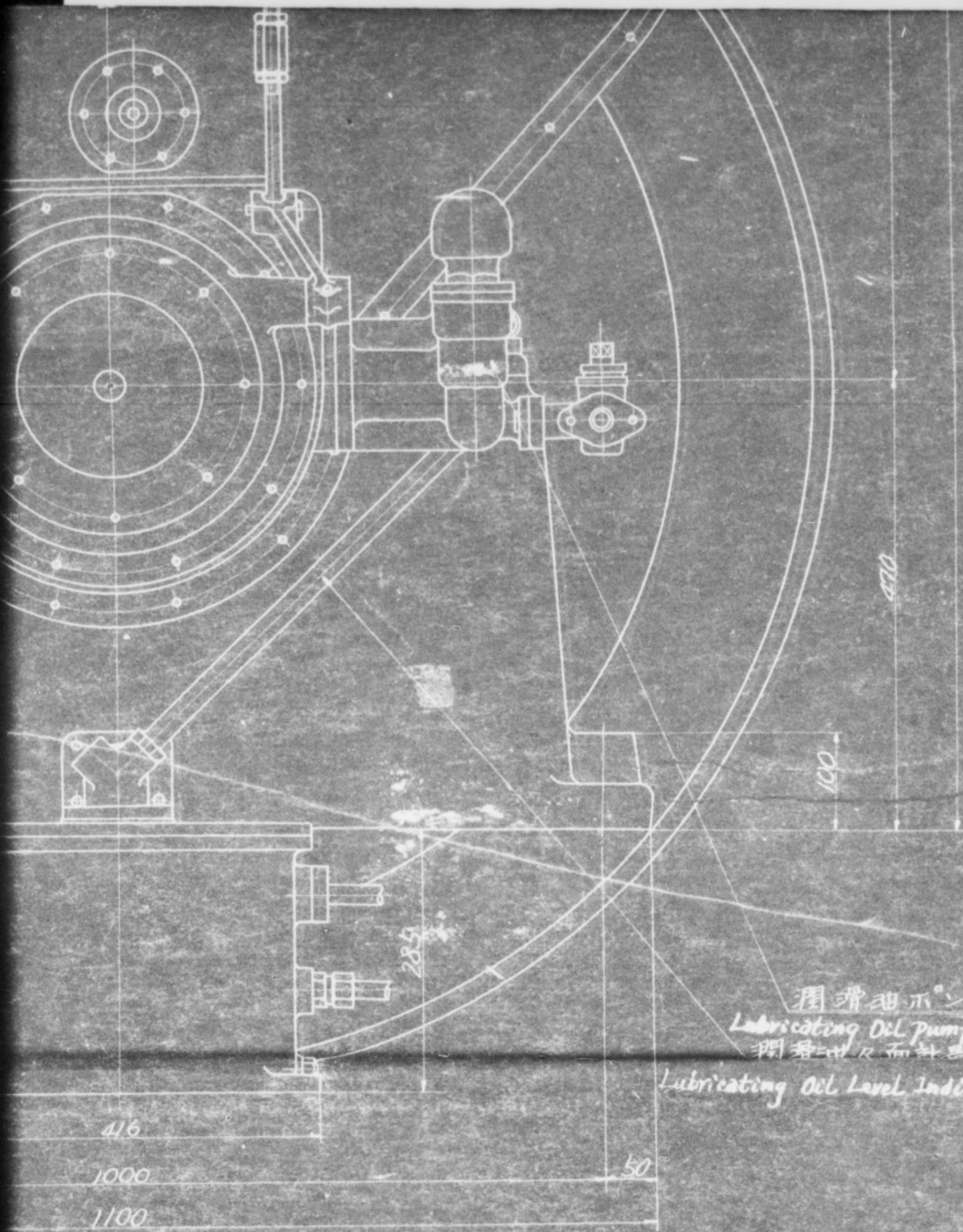
50

416

1000

1100

PARTICULAR			
Cylinder Dia	m/m		25
Length of Stroke	m/m		38
No. of Cylinder			
Revolution	50~ 60~	Per minute	37 36
Compressive Ratio			

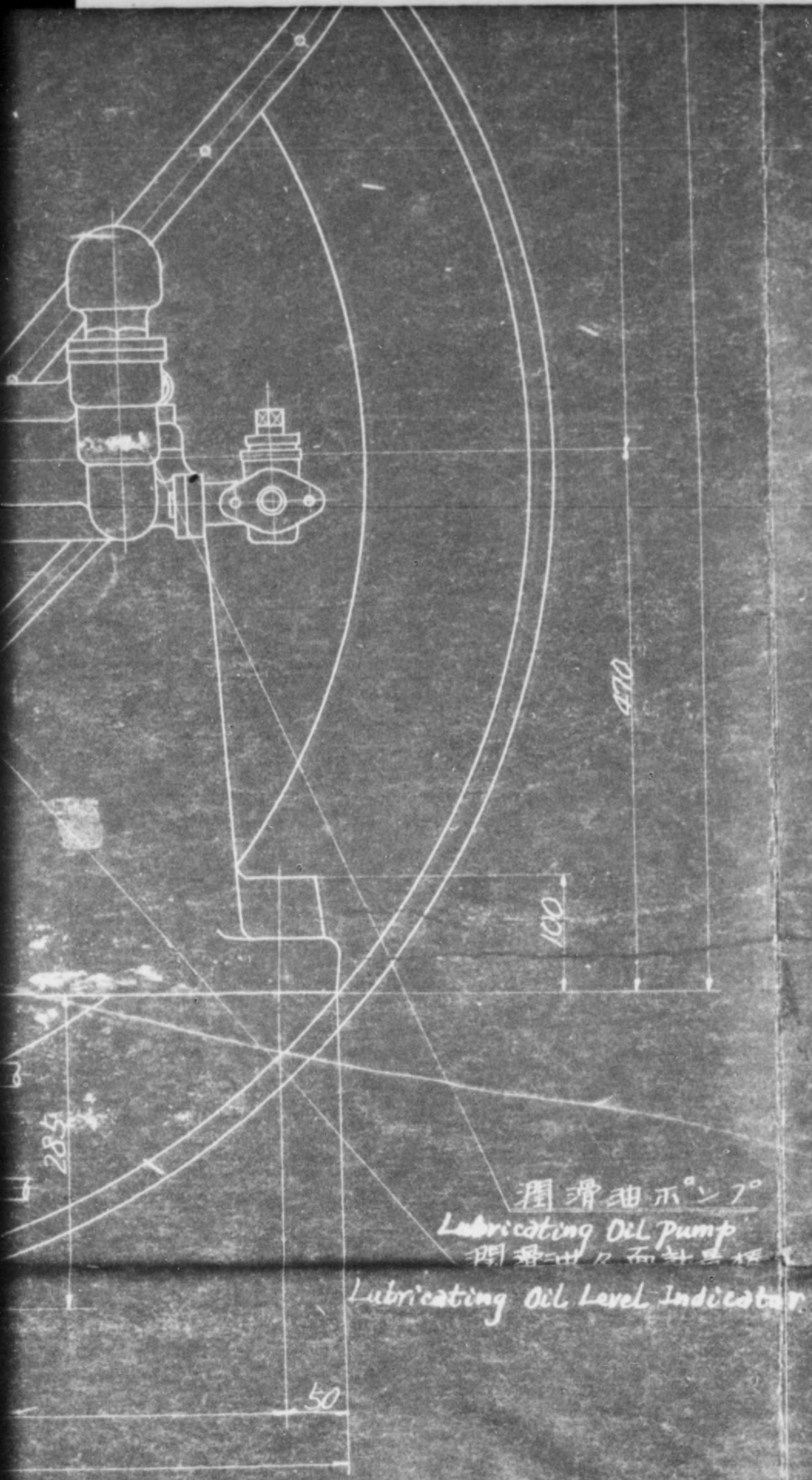


潤滑油ポンプ
 Lubricating Oil Pump
 潤滑油レベル計
 Lubricating Oil Level Indicator

本図-A

AR	
m/m	250
m/m	380
	4
minute	375
	360
	13

100 KVA, 3 phase, 3300 V, 50 Hz, 60 Hz
 Self Engine Driven A.C. Generator

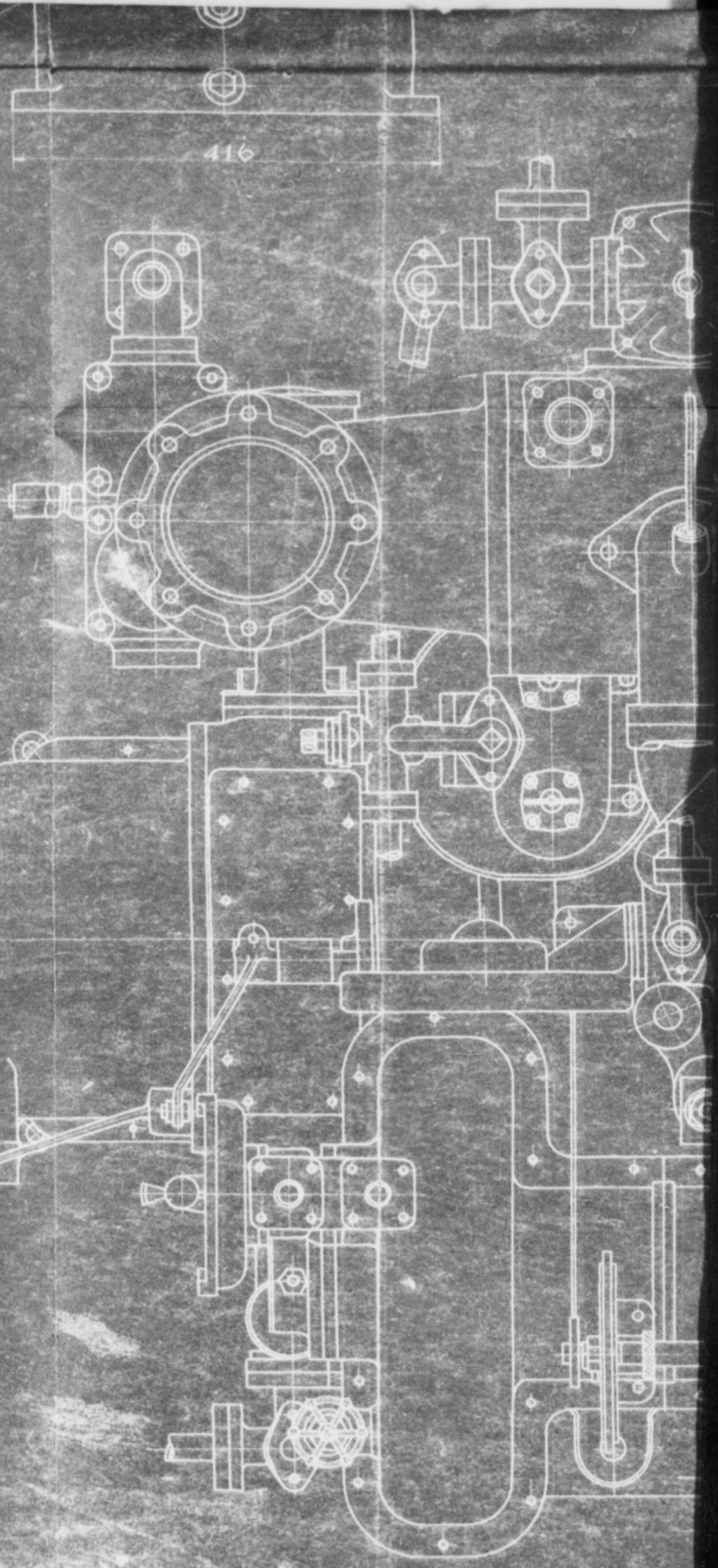


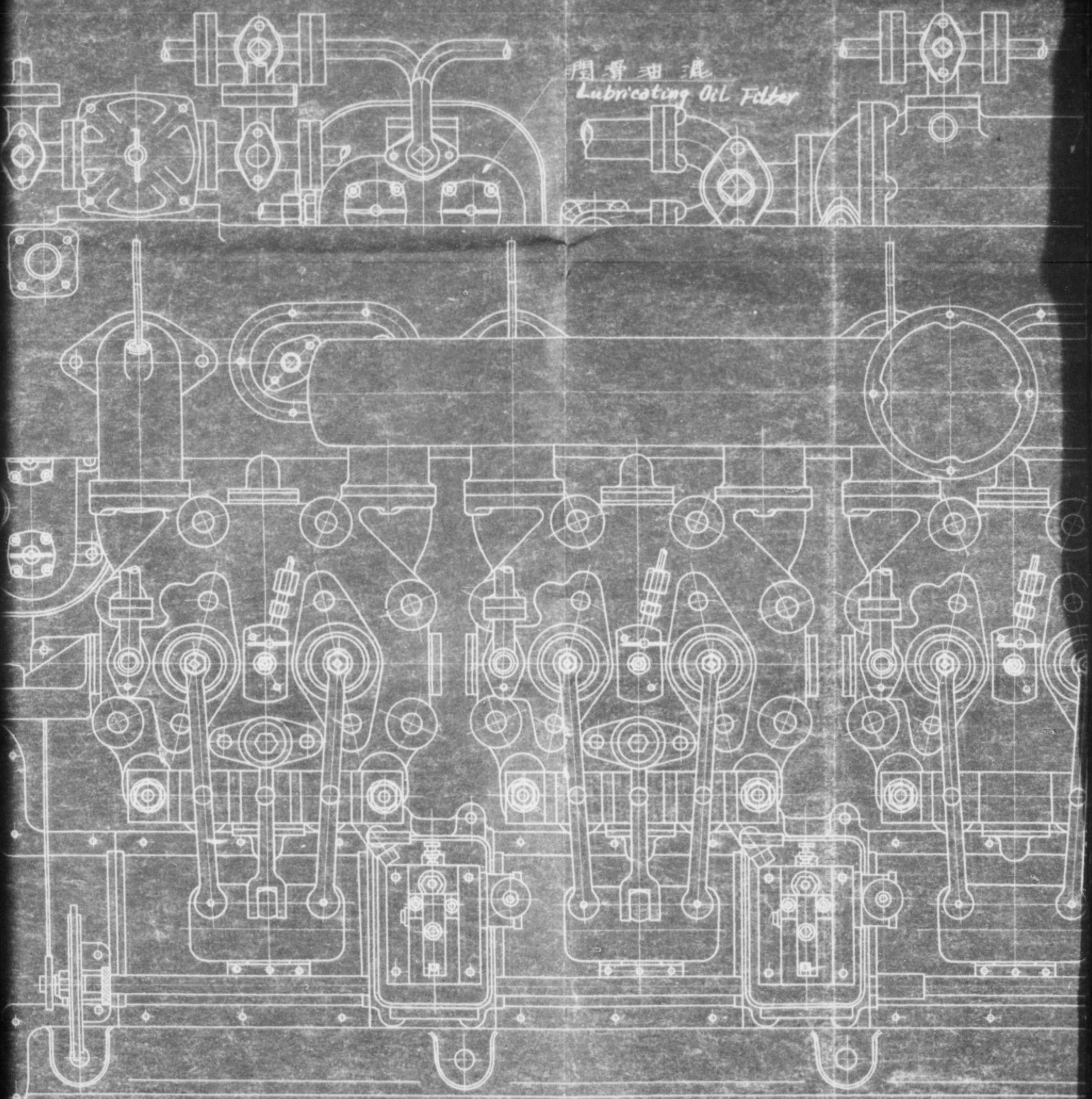
潤滑油ポンプ
 Lubricating Oil Pump
 潤滑油の面計器
 Lubricating Oil Level Indicator

本回 - 合キルル奴豆象羅

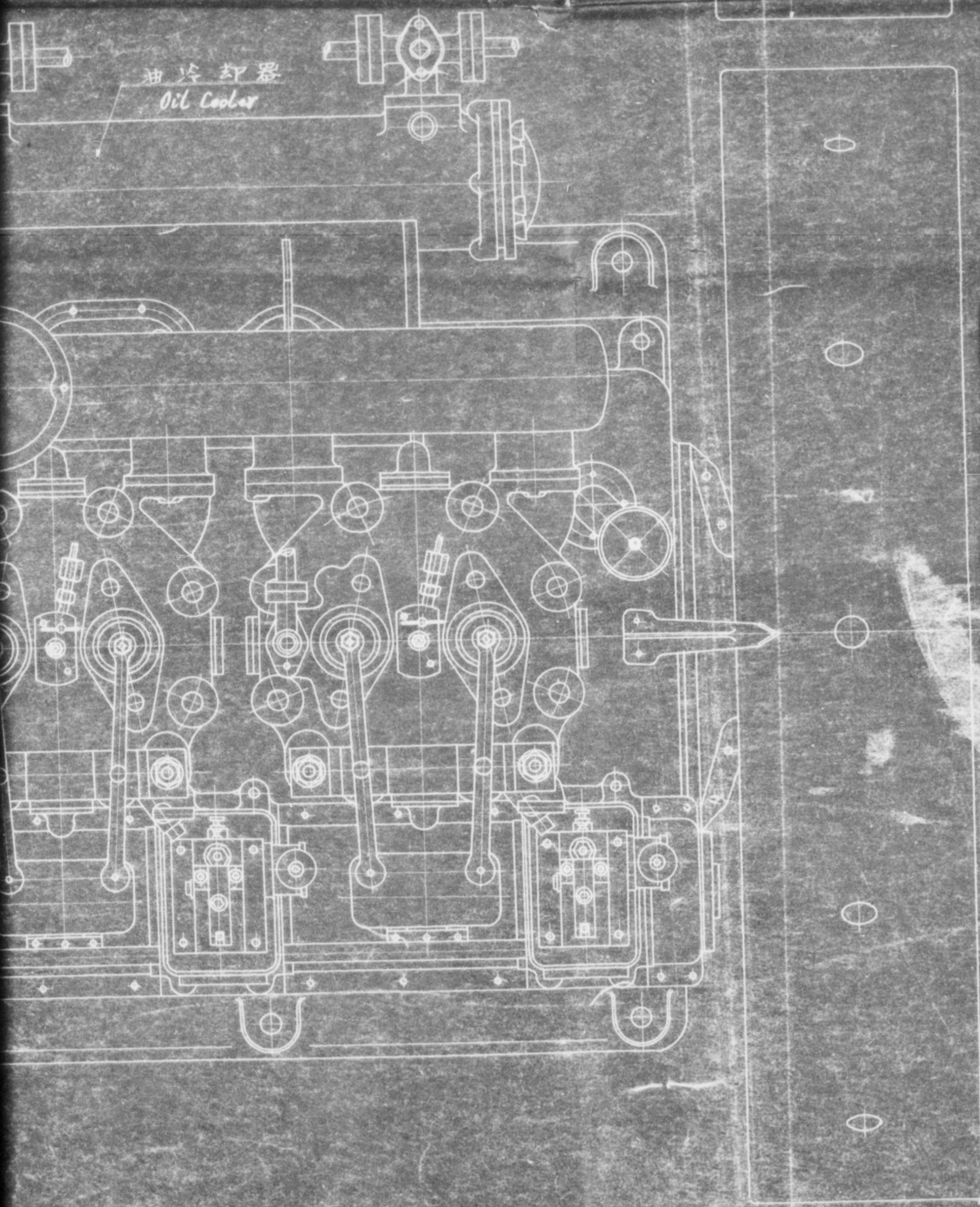
100kVA, 3phase, 3300V, 50~. 60~		No. of Figure
Self Engine Driven. A.C. Generator.		
General Arrangement.		
Maker	Akasaka Iron Works.	A - 8

潤滑油溜
Lubricating Oil Reservoir





油冷却器
Oil Cooler



50

416
1000
1100

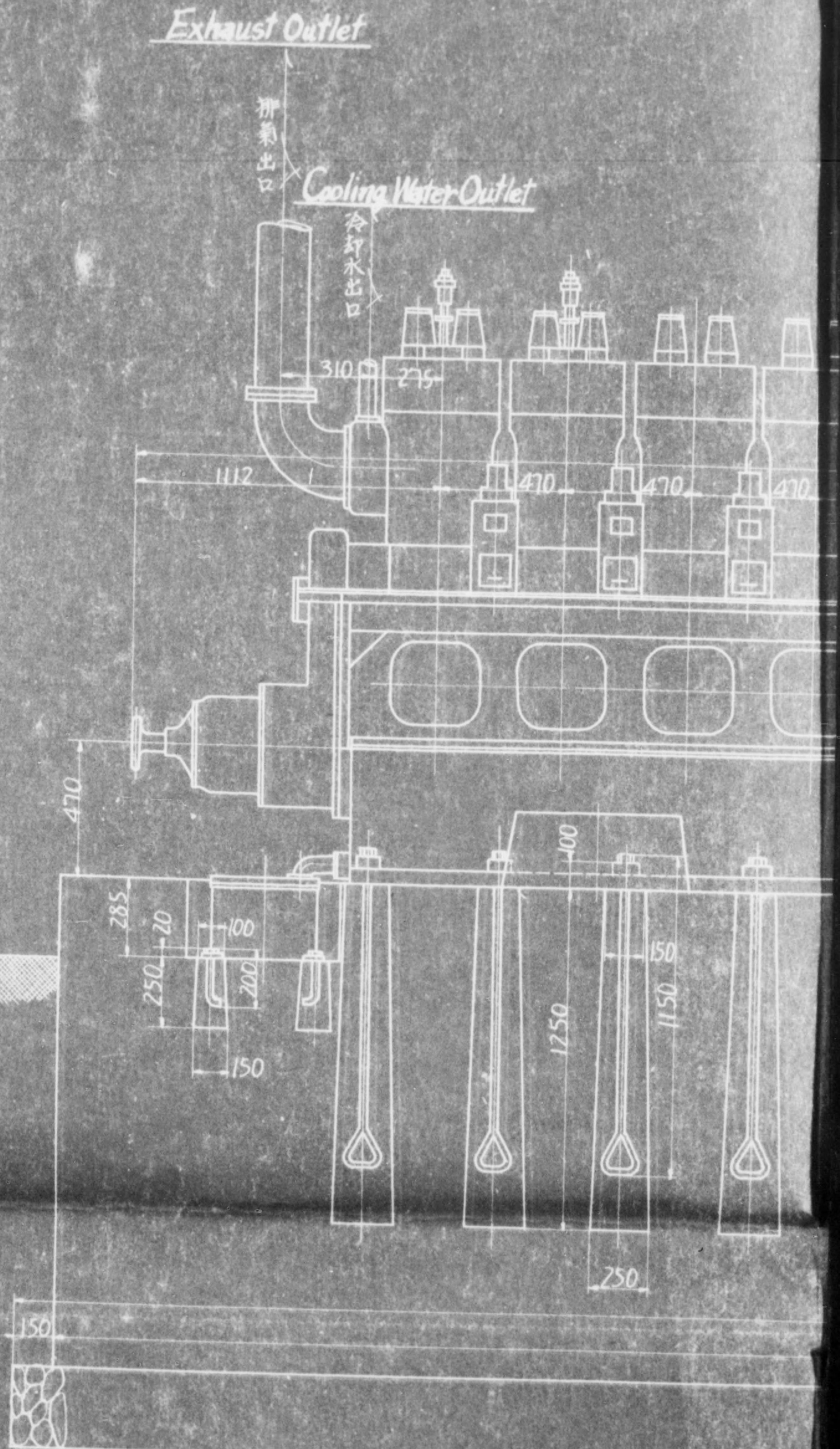
PARTICULAR		
Cylinder Dia	m/m	250
Length of Stroke	m/m	380
No. of Cylinder		4
Revolution	50~ 60~ Per minute	375 350
Compressive Ratio		13
Horse Power	(B.H.P)	160
Measuring Weight Main Engine with accessories	(Kg)	

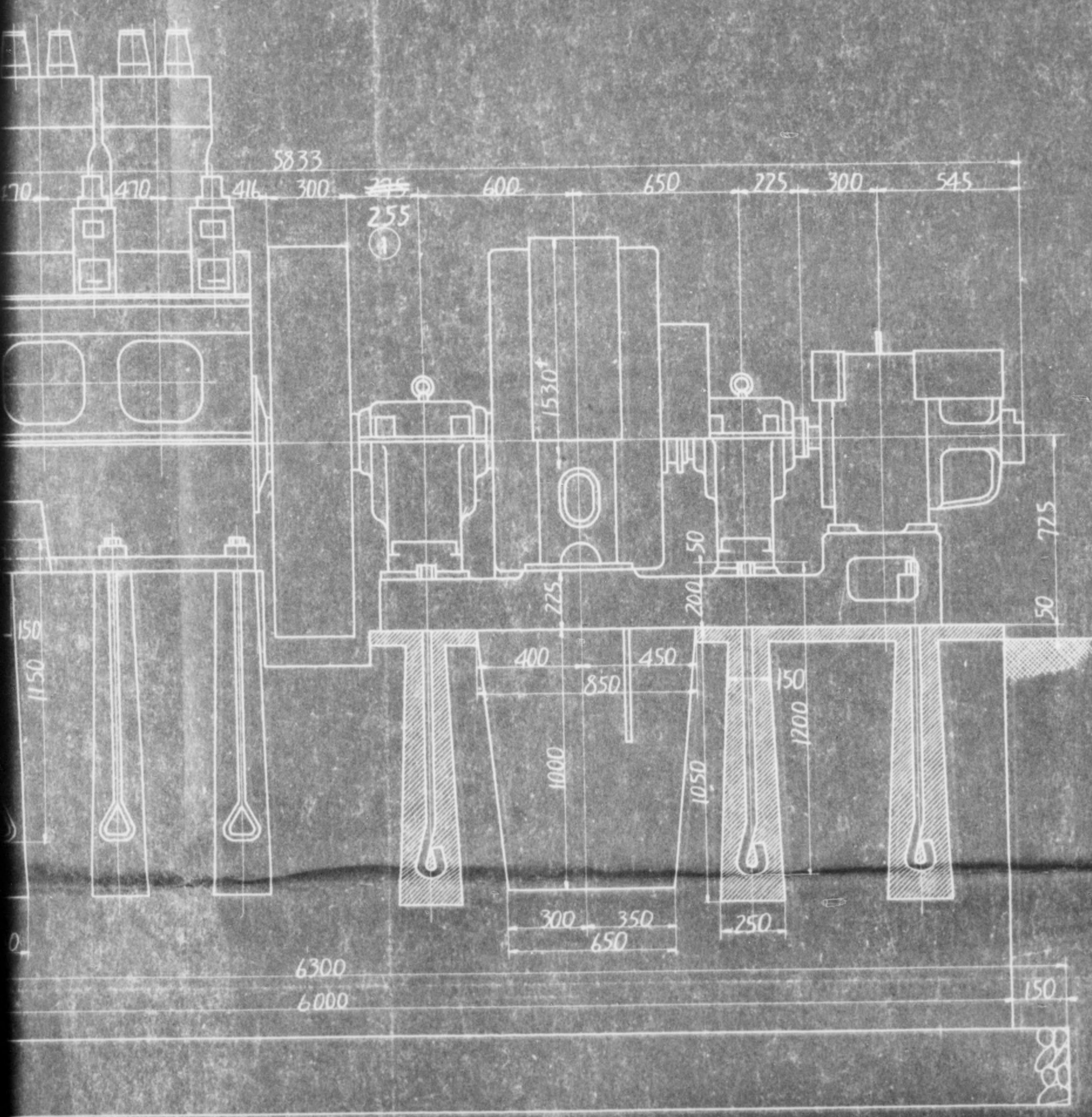
Lubricating Oil Level Indicator

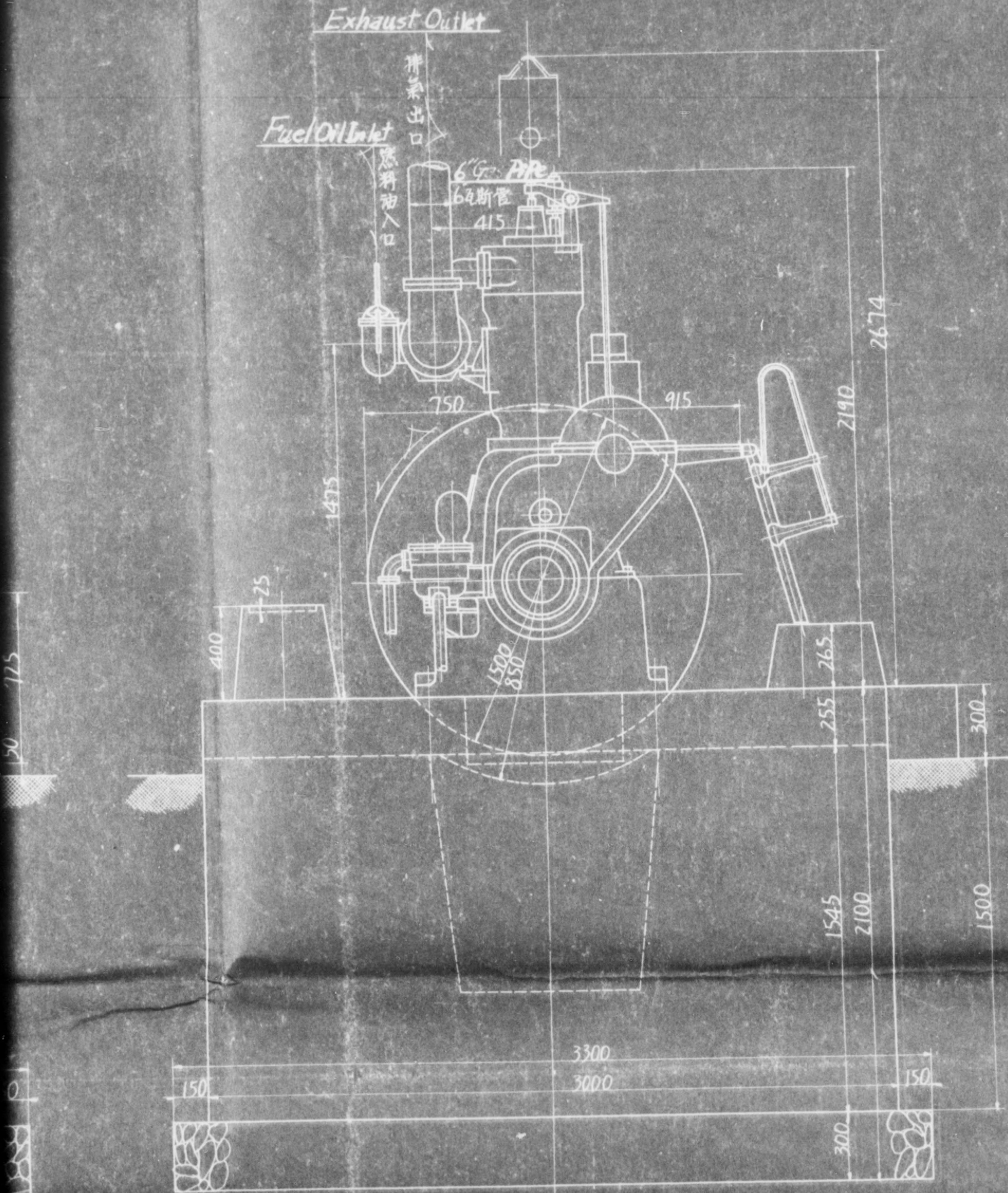
50

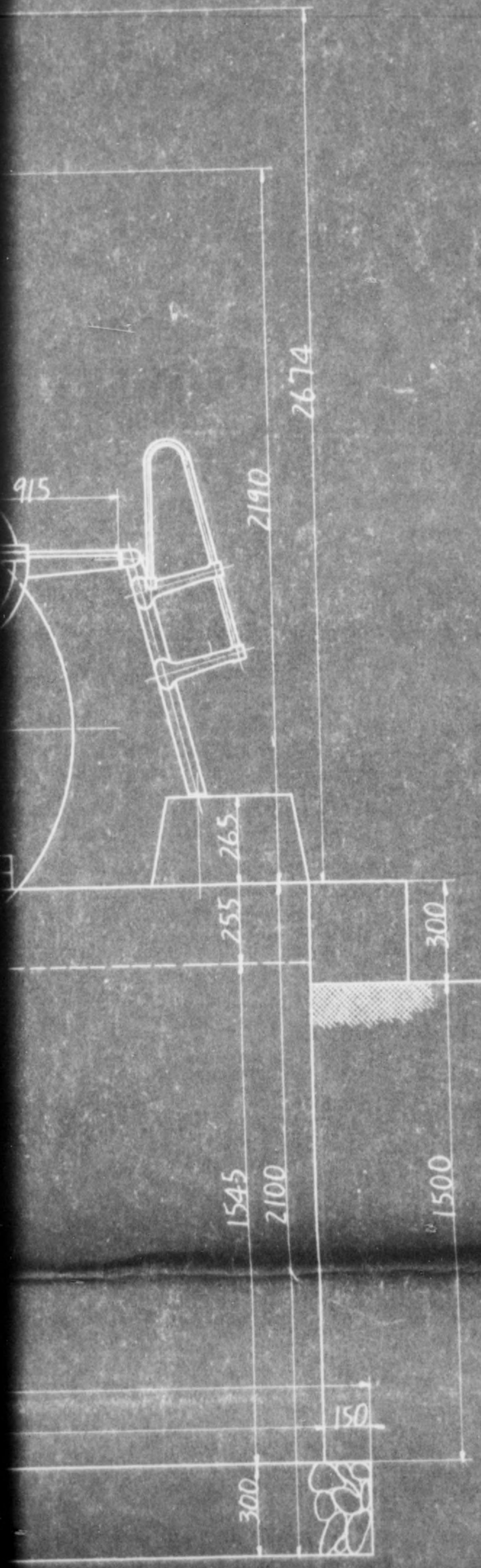
<p>100 KVA, 3 phase, 3300 V, 50 ~ 60 Hz Diesel Engine Driven A.C. Generator</p>	<p>Allocation Notice No. 3 - 54</p>	
<p>General Arrangement</p>	<p>Name of Plant Haiiki</p>	
<p>Scale</p>	<p>Inventory No. 27 - 2 - 490, 491</p>	
<p>Maker</p>		
<p>No. of Figure A - 8</p>		

1 Sheet
 of
 3 Sheets









圖百來歷計劃改訂要領

昭和18年5月18日

①②③ 時議 ④ 寸法

~~製作會社~~ 製作所 = 於 寸法 變更

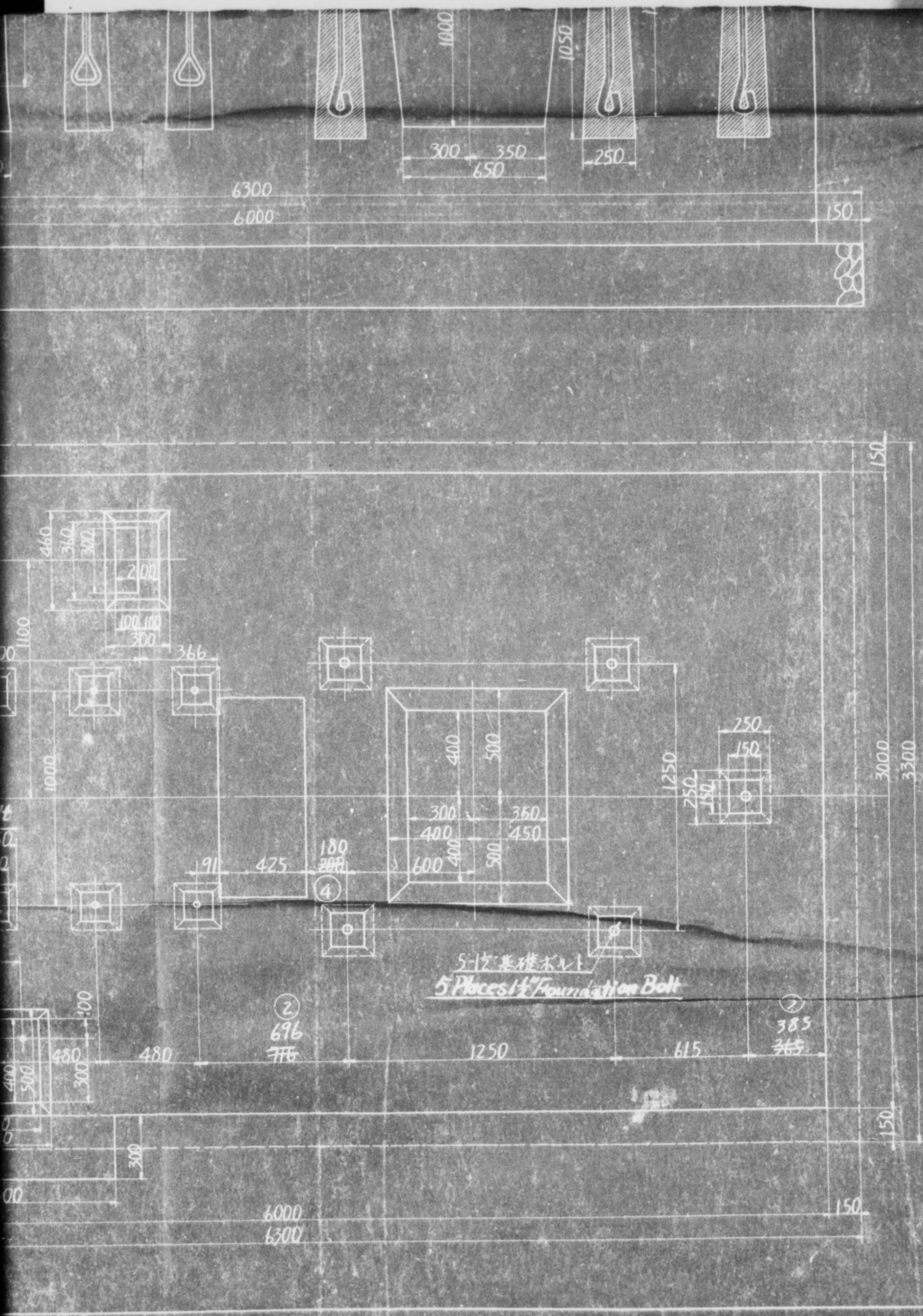
1 爲 訂正 文

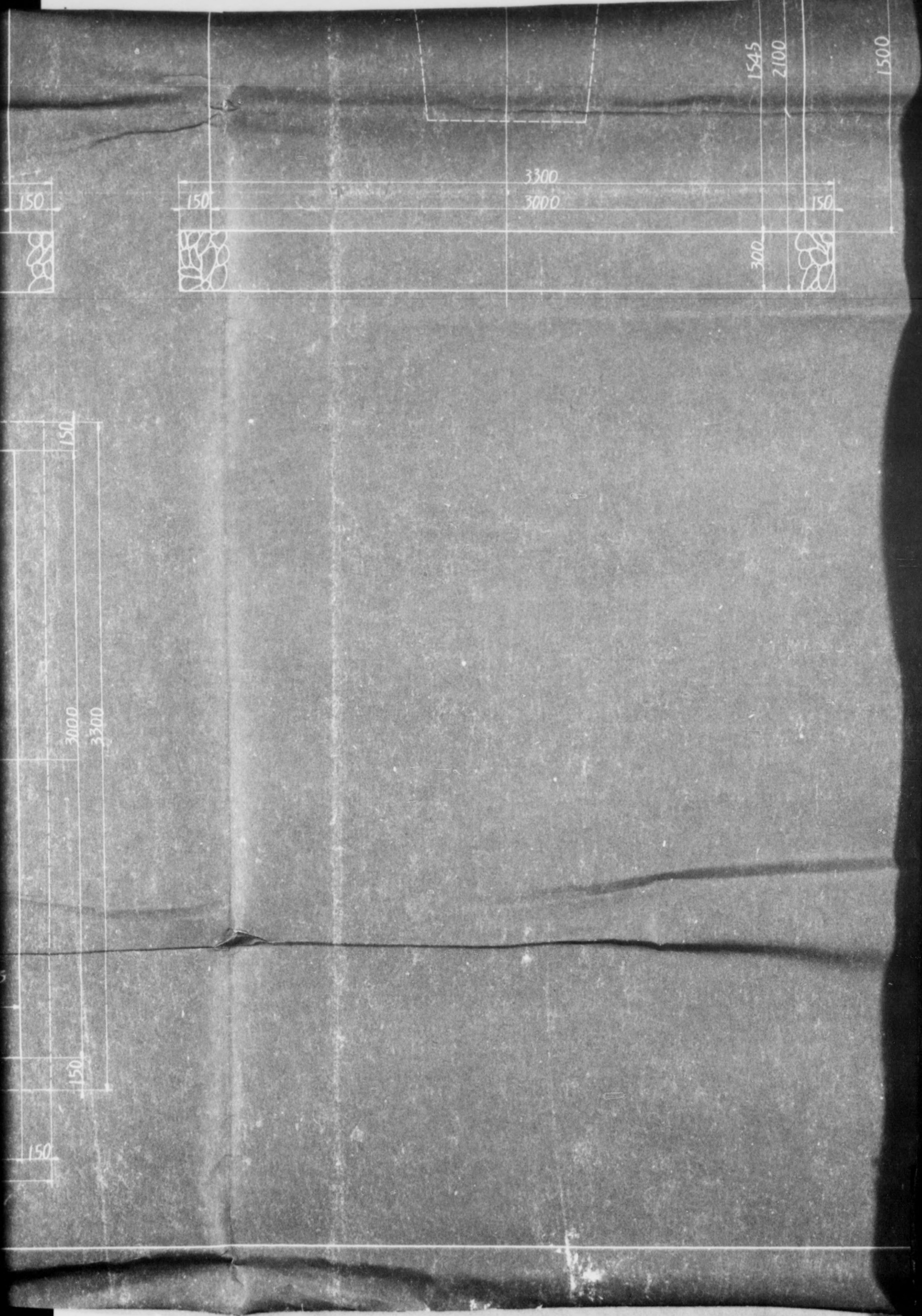
註明

製作所 製 發電機 直結

本圖 = 全 部 之 部品 春 辦

60~
generator
of Figure
A-9







2 Sheet of 3 Sheets	Allocation Notice No.	100 K.V.A 3 phase 3,300 V 60~ Diesel Engine Driven A.C Generator Setting View			No. of Figure
	3 ~ 54	Name of Plant	Scale	Maker	A-9
	Haiki		$\frac{1}{20}$	AKASAKA Iron Works.	
	Inventory No.				
	21 ~ 2 ~ 488, 489				

冷却水管系統線圖
Cooling Water Piping Sys

7" Gas Pipe 7" 瓦斯管
(Exhaust Pipe) (排氣管)

排氣管
Exhaust Pipe

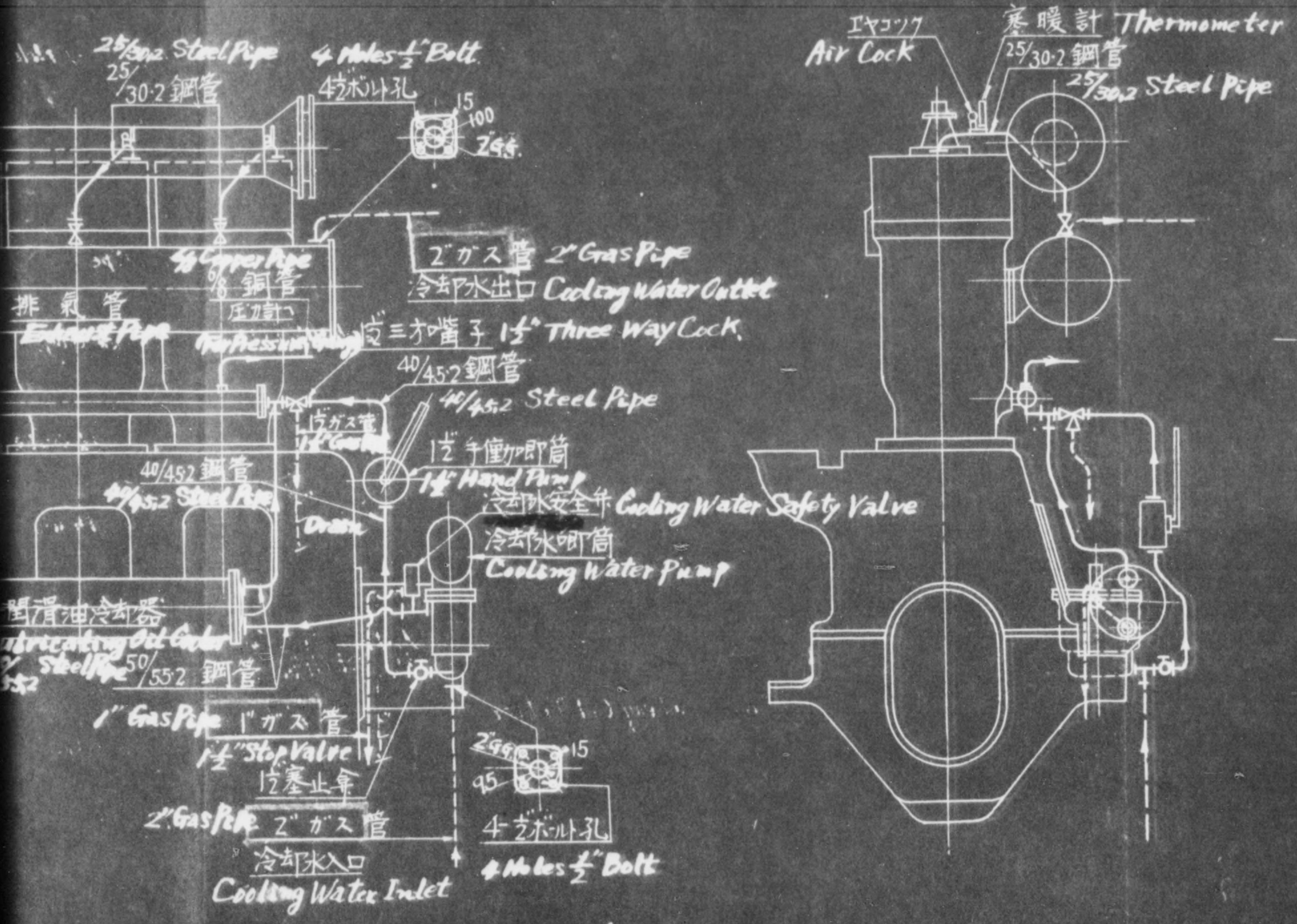
潤滑油濾器
Lubricating Oil Filter

潤滑油冷卻器
Lubricating Oil Cooler
60/55 Shell 50/55
1" Gas

起動空氣管系統線圖

系統線図

Piping System Diagram

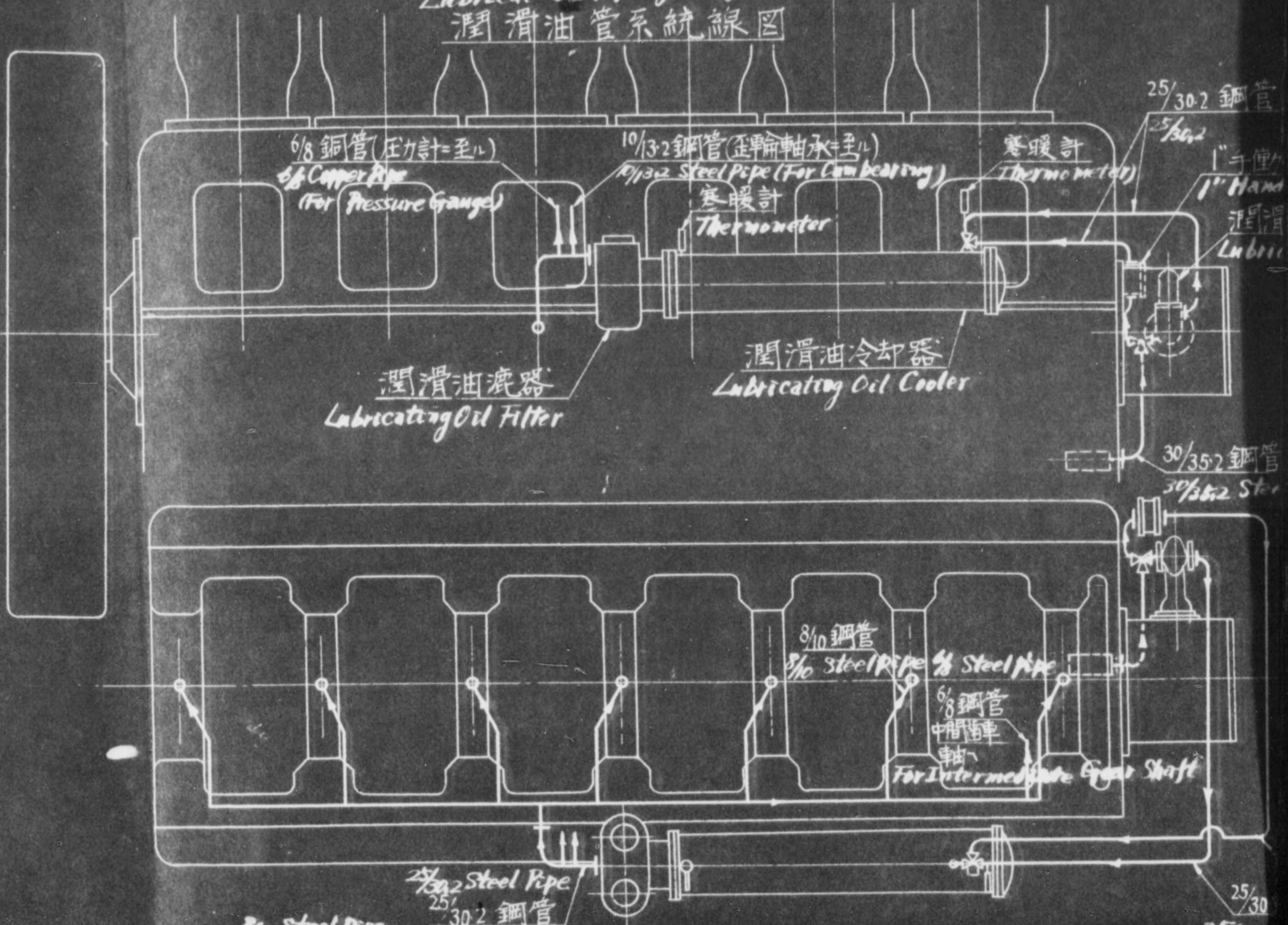


管系統線図

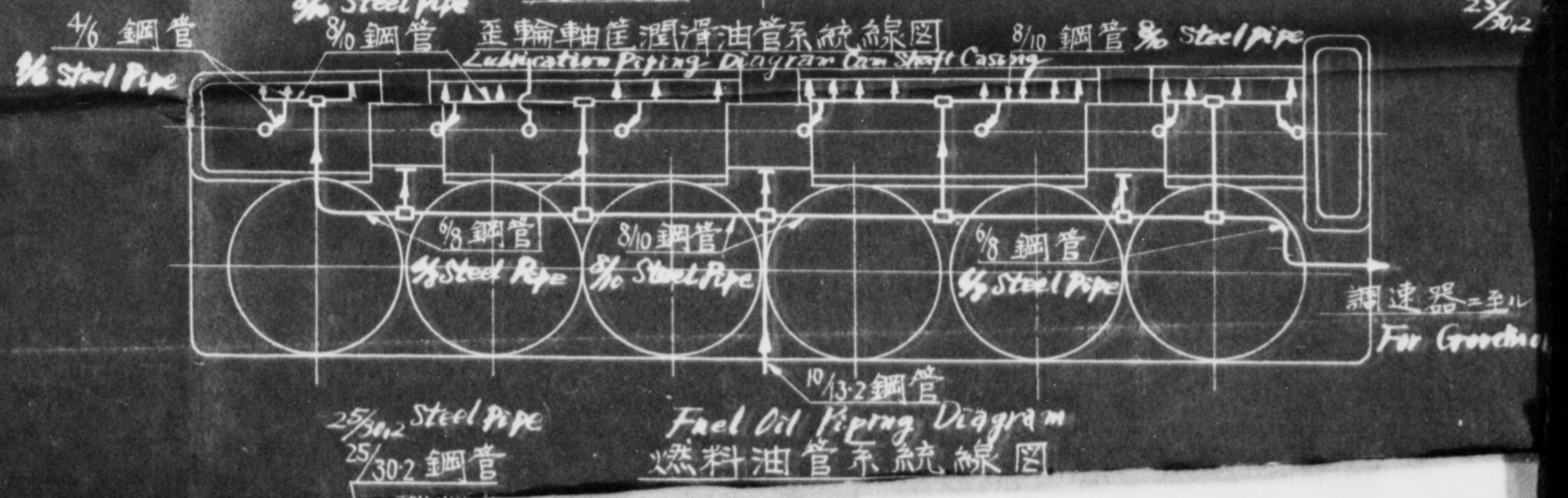
燃料油重カタン
Fuel Gravity Tank

符 号	名 称	材 質	製 造 個 数	水 型 番 号	試 驗 採 取 符 号	重 量 砵 (個)		備 考	工 具 及 ゲ ー ジ
						計 算	實 測		

Lubrication Piping Diagram
潤滑油管系統線圖



至輪軸管潤滑油管系統線圖
Lubrication Piping Diagram Cam Shaft Casing



Fuel Oil Piping Diagram
燃料油管系統線圖

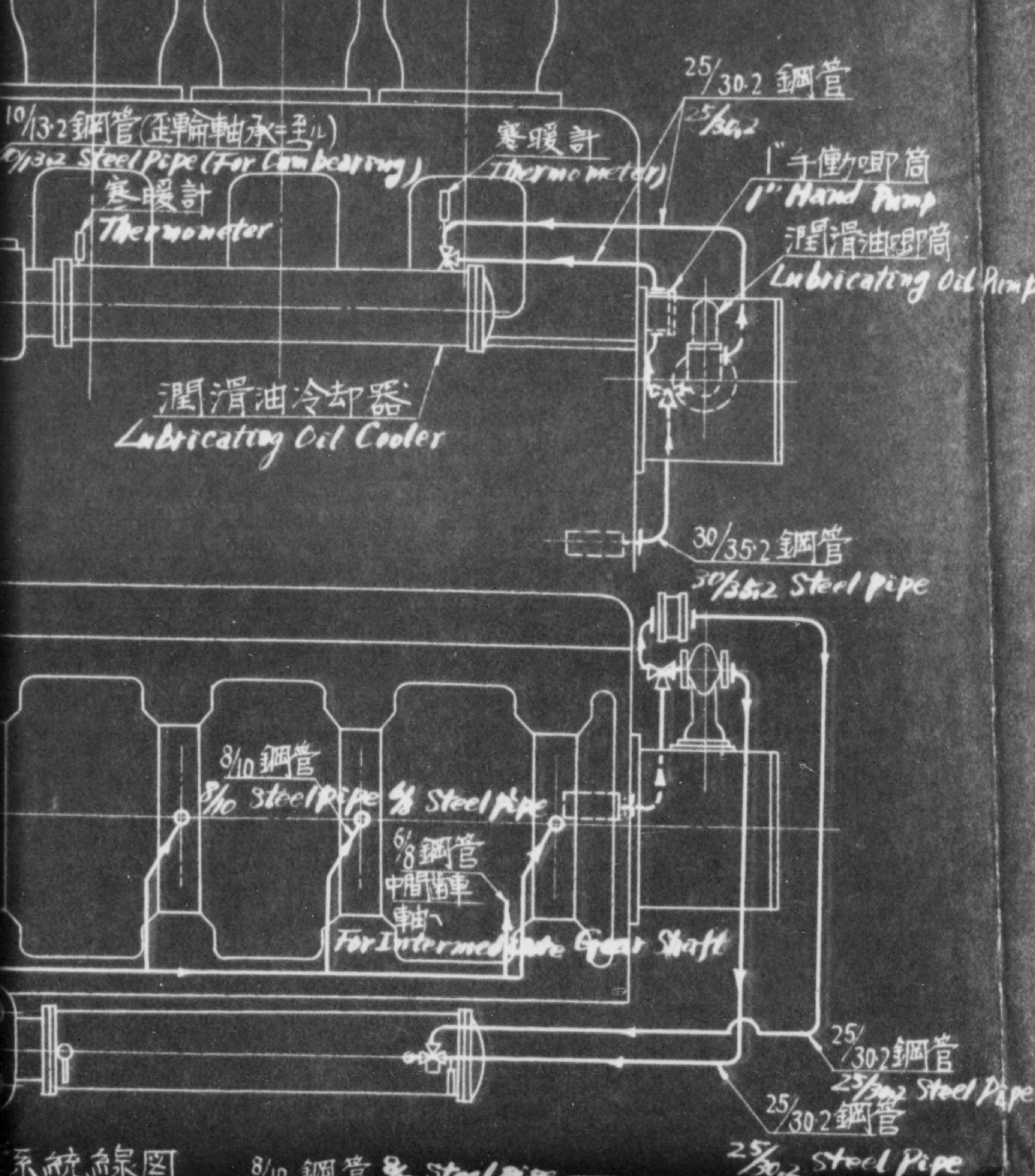
水型番号	試験片 採取号	重量(個)		備考	工具及ゲージ番号
		計算	實測		

図面來歴

H923(内機15-450号)-依り
調製ス (前図F8523)

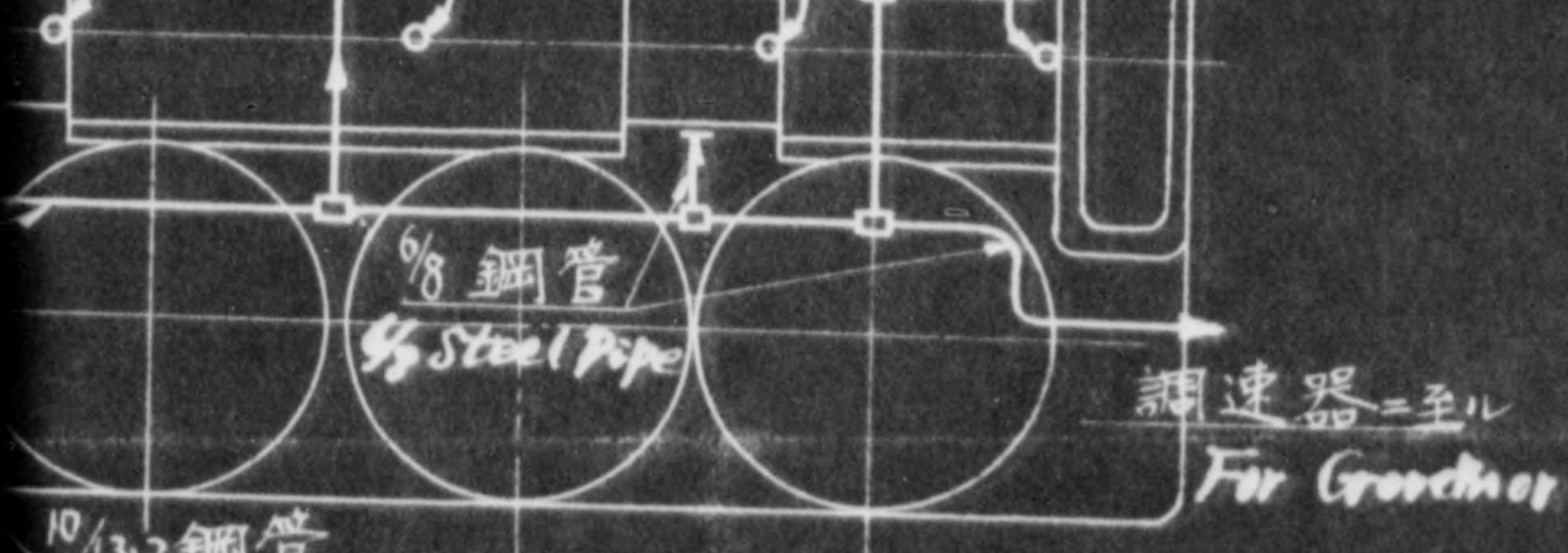
Piping Diagram

系統線図



系統線図

Can Can Shaft Casing



Piping Diagram

管系統線図

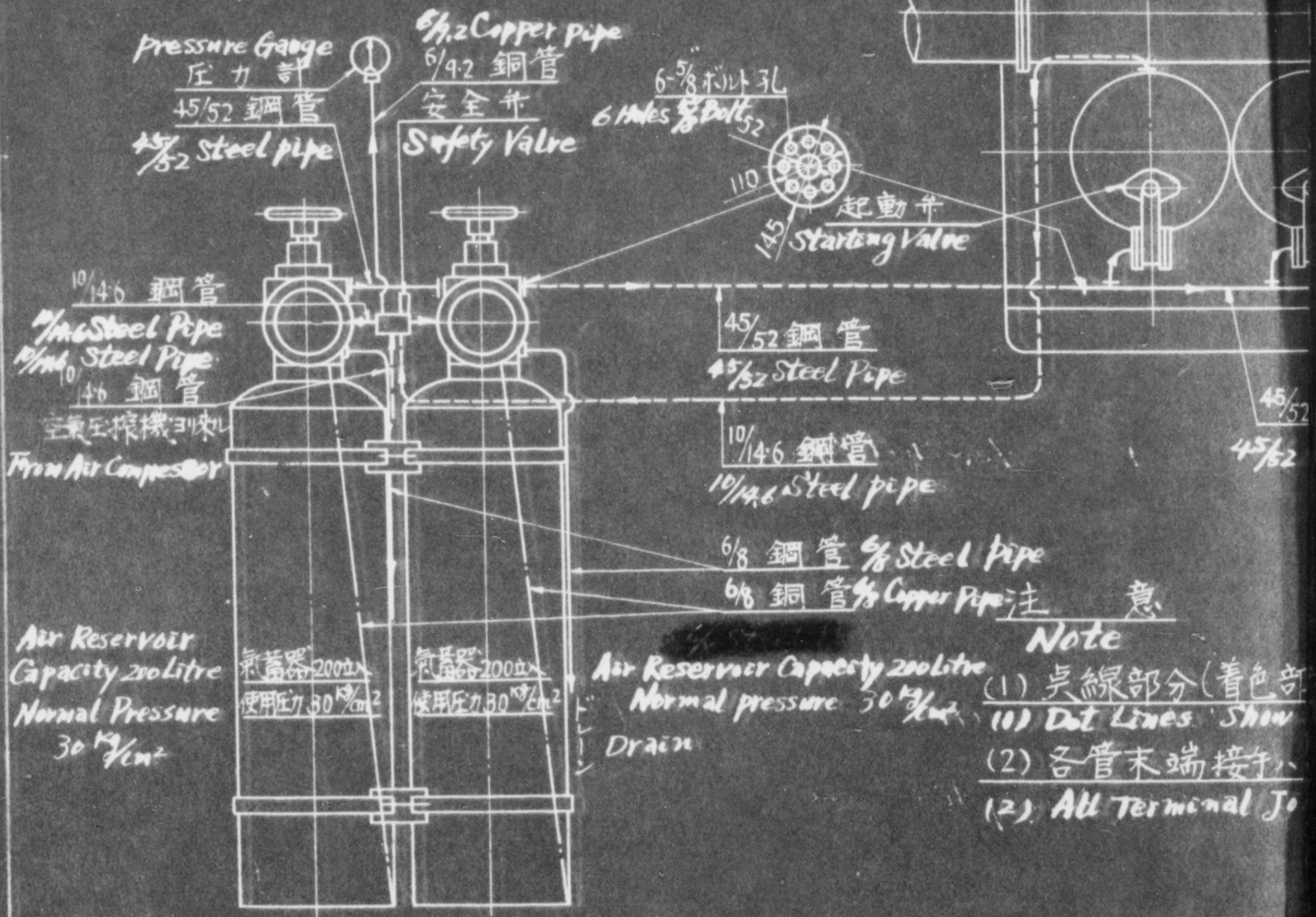
水 圧
試 驗 力

sel Engine

No. of Figure

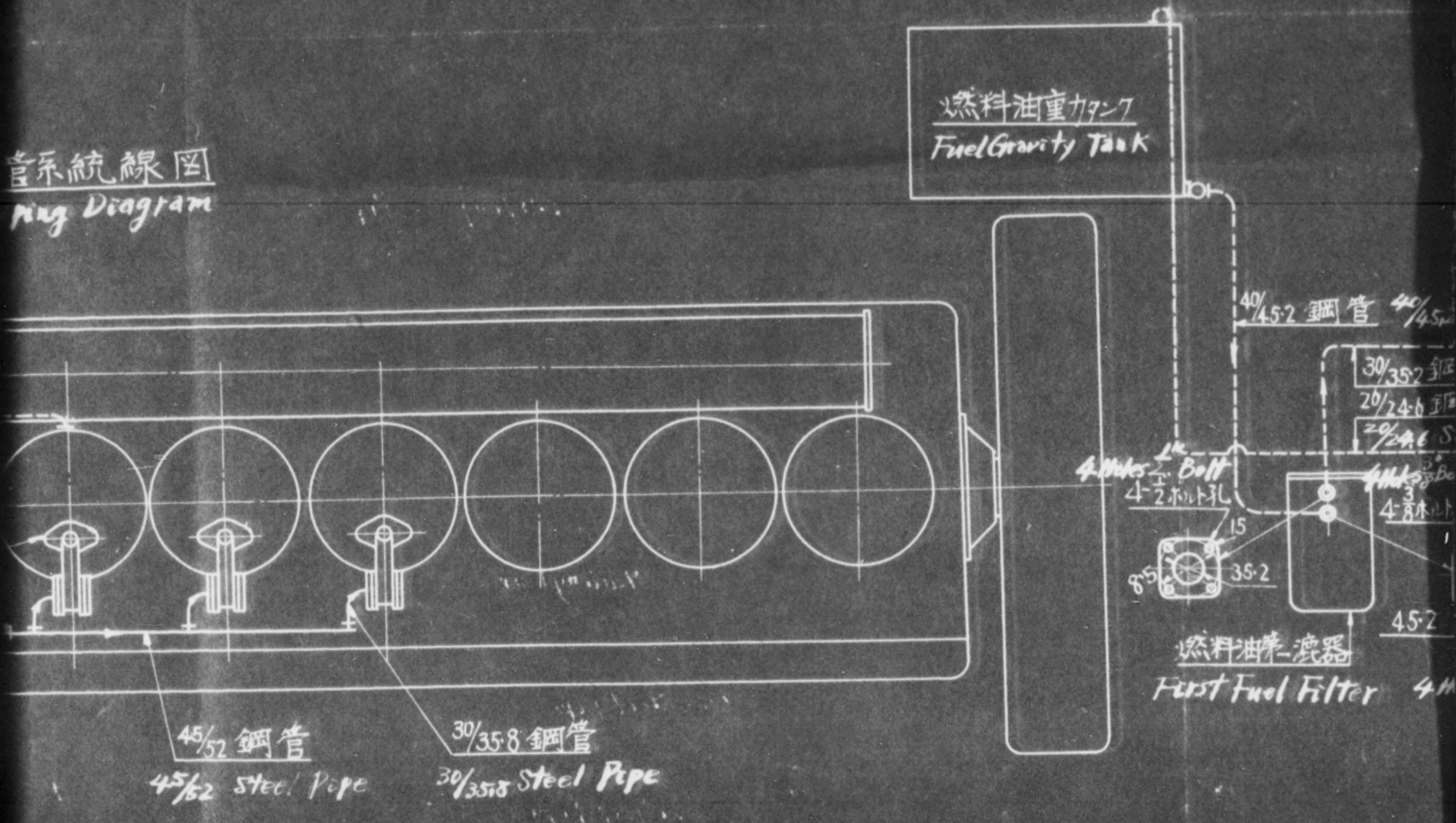
F. 8822

起動空氣管系統線圖
Starting Air Piping Diagram

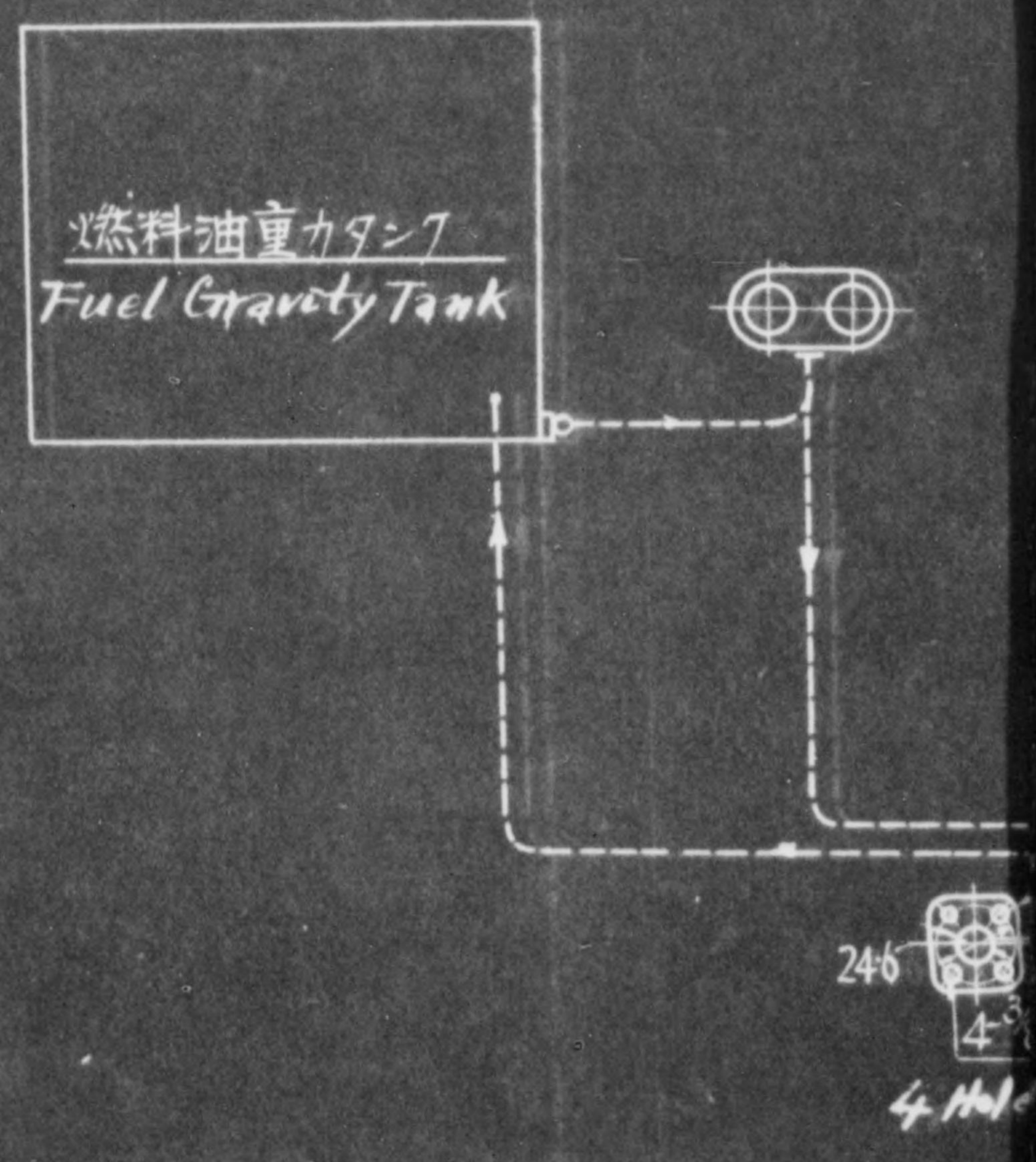


4/6
3/6 Steel

管系統線図
Pip Diagram



意
te
線部分(着色部)ハ池貝鉄工所所管外モ持ス
t Lines Show Out of I. Kogai Factory
管末端接子ハ機関=附属ス
t Terminal Joint of Pipe Belong to Engine



246
4 Hole

Starting Air Inlet
45/52 Steel Pipe

起動空氣入口
45/52 鋼管

Fuel Pipe (From Oil Filter)
30/35.2 Steel Pipe

燃料油管(燃料油濾網)
30/35.2 鋼管

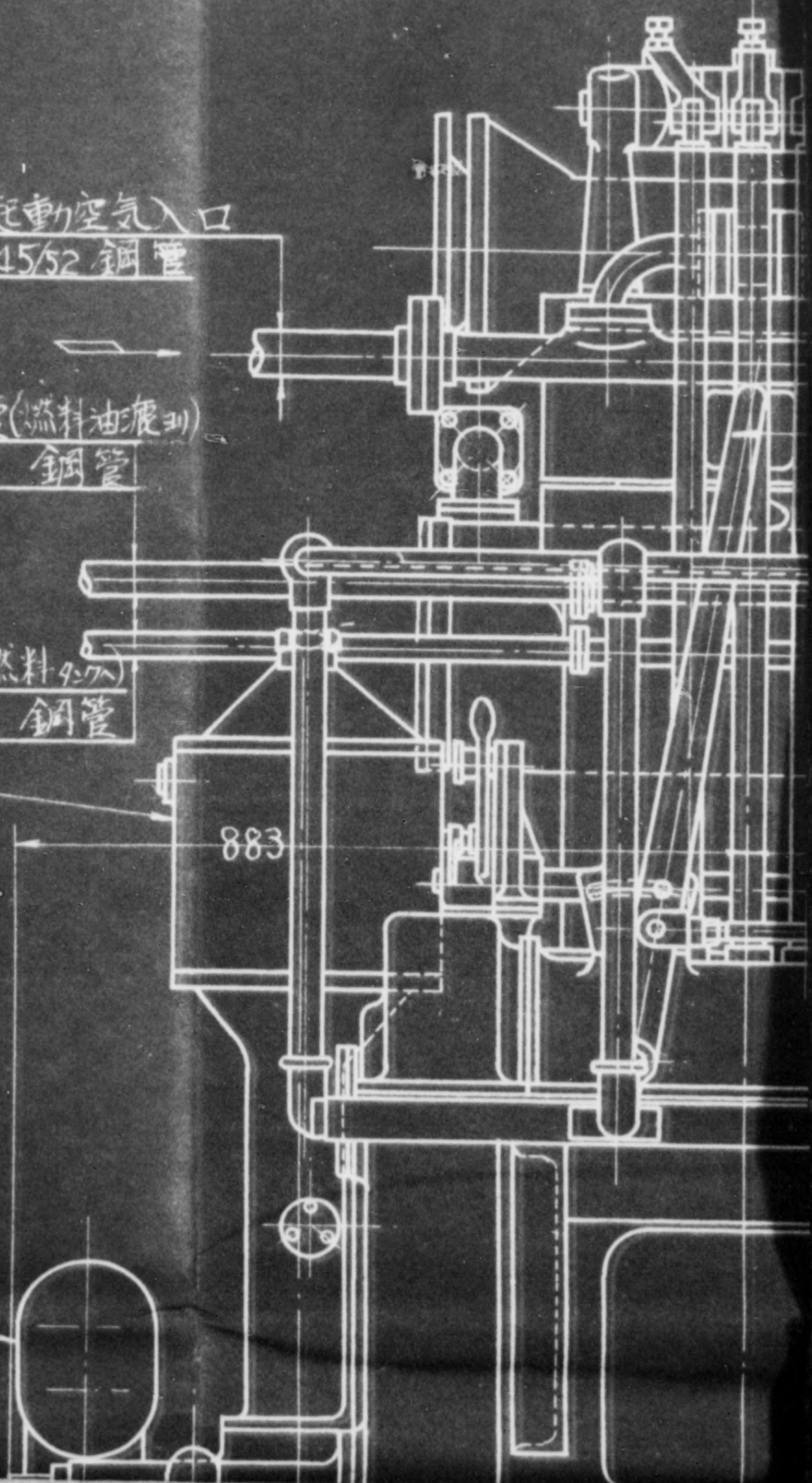
Fuel Pipe (For Fuel Tank)
20/24.6 Steel Pipe

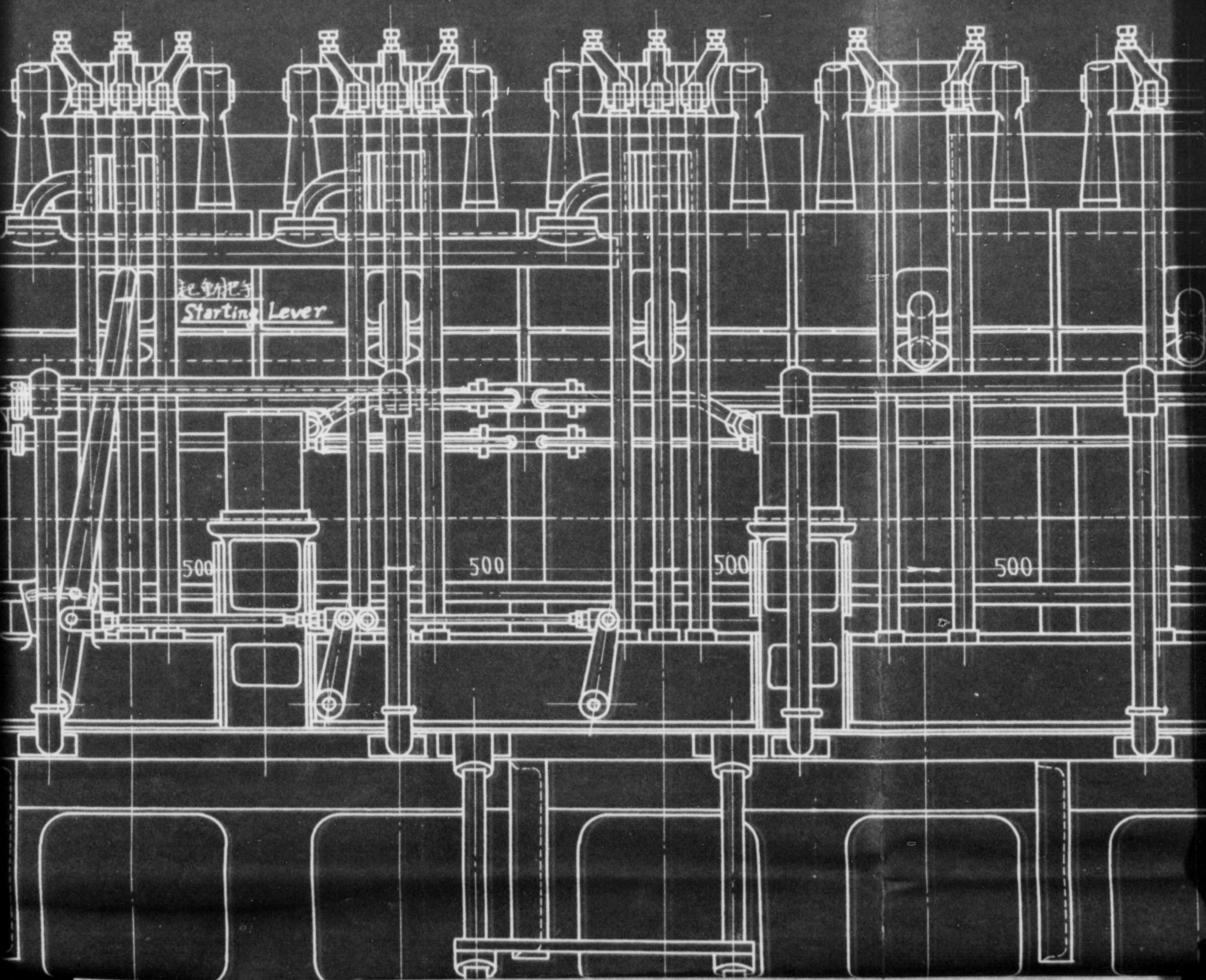
燃料油管(燃料油罐)
20/24.6 鋼管

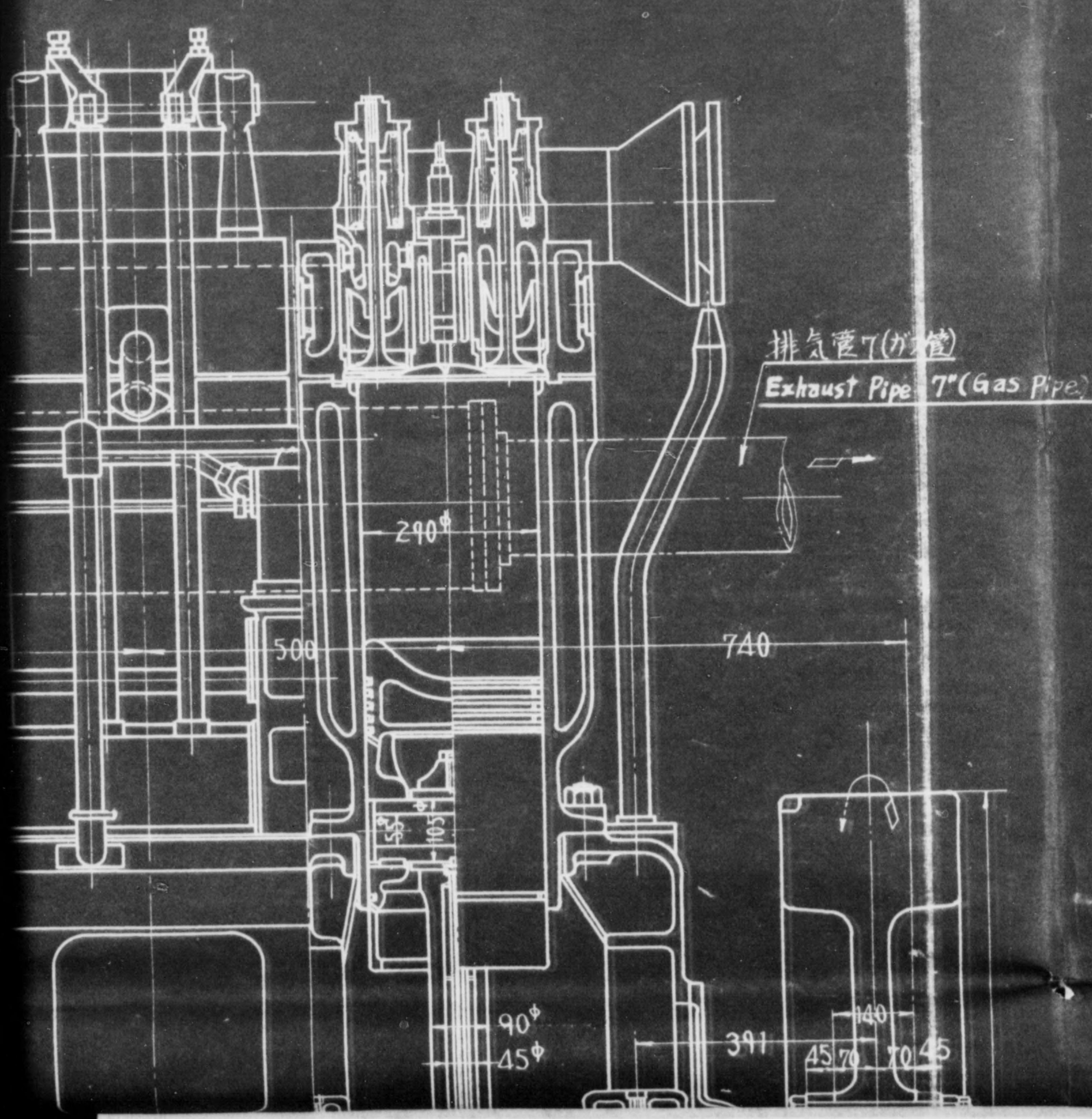
調速器
Governor

883

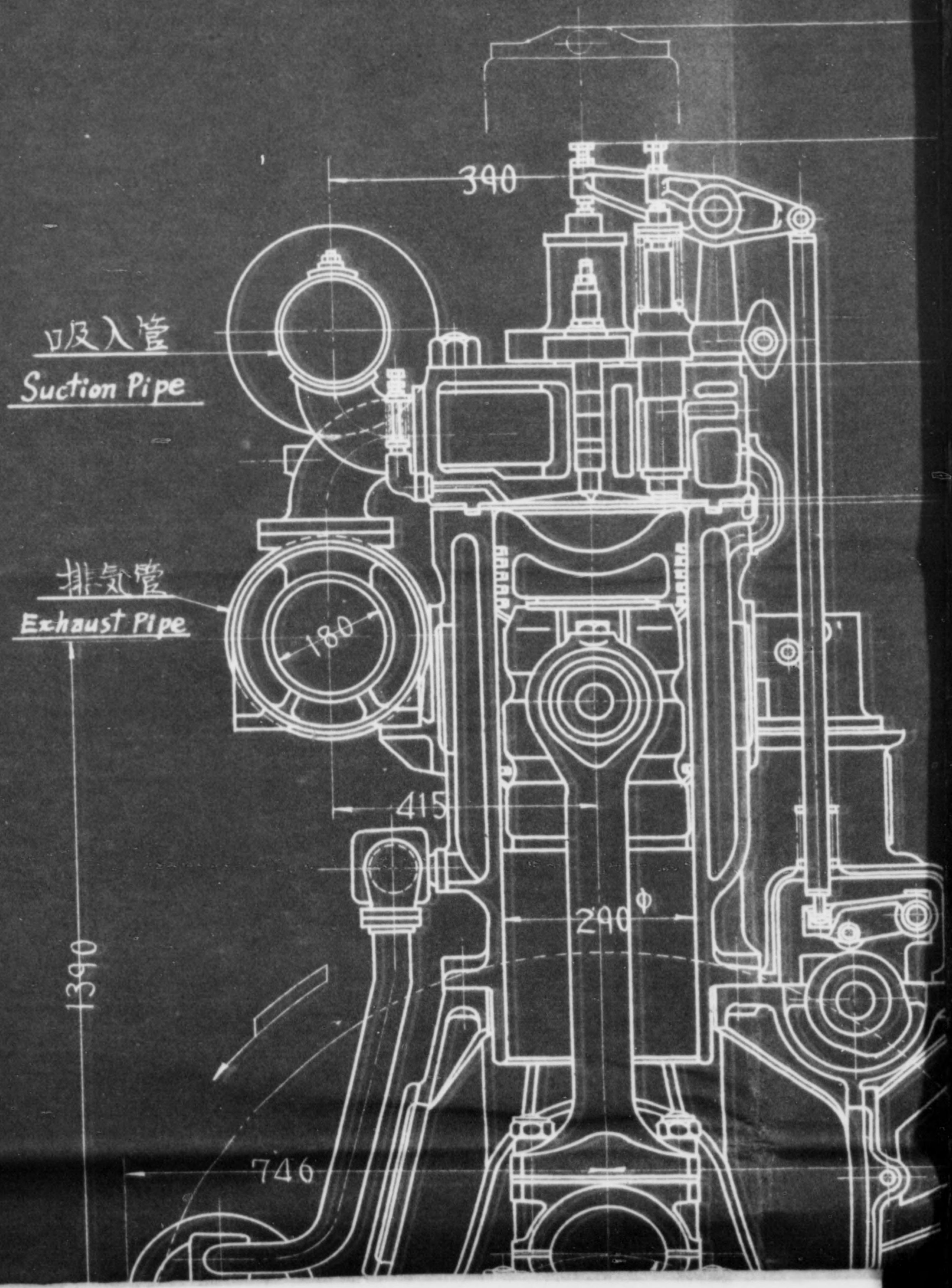
冷却水唧筒
Cooling Water Pump



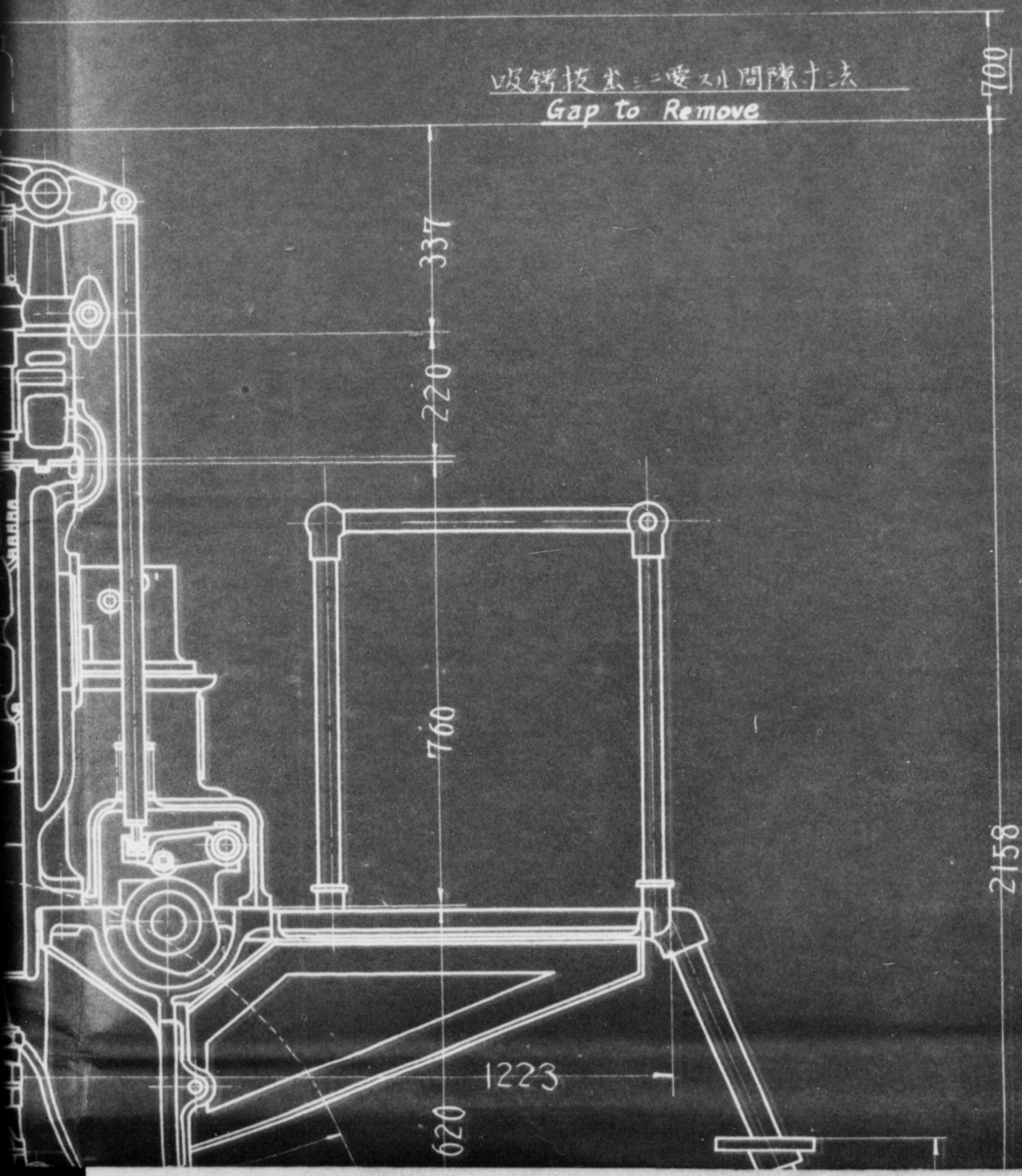




符号	名称



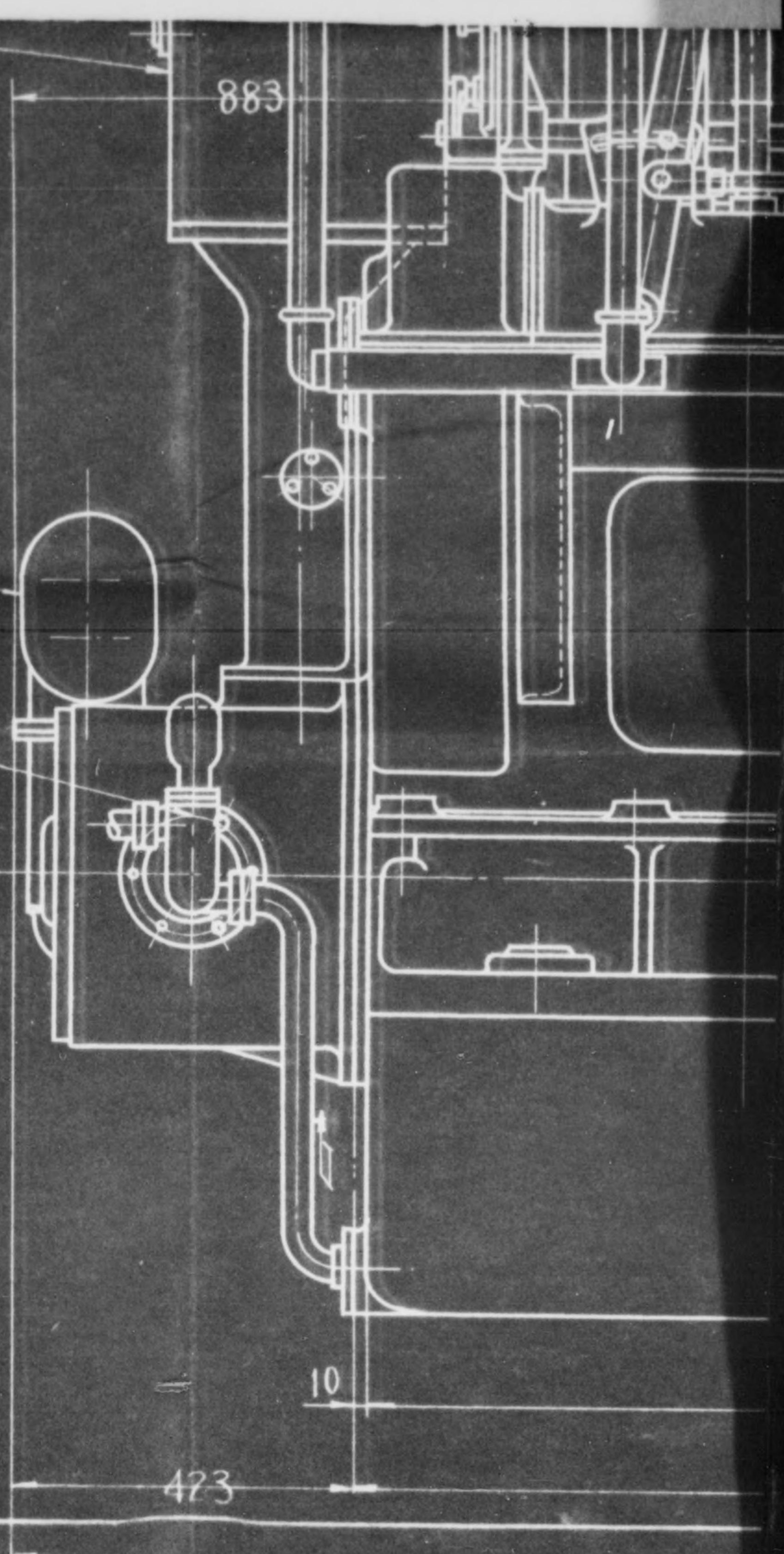
名 称	材 質	製造 個數	木型番号	試驗片 採取 符号	重量(個)		備 考	工具及ゲージ番号
					計算	實測		



调速器
Governor

冷却水唧筒
Cooling Water Pump

润滑油唧筒
Lubricating Oil Pump



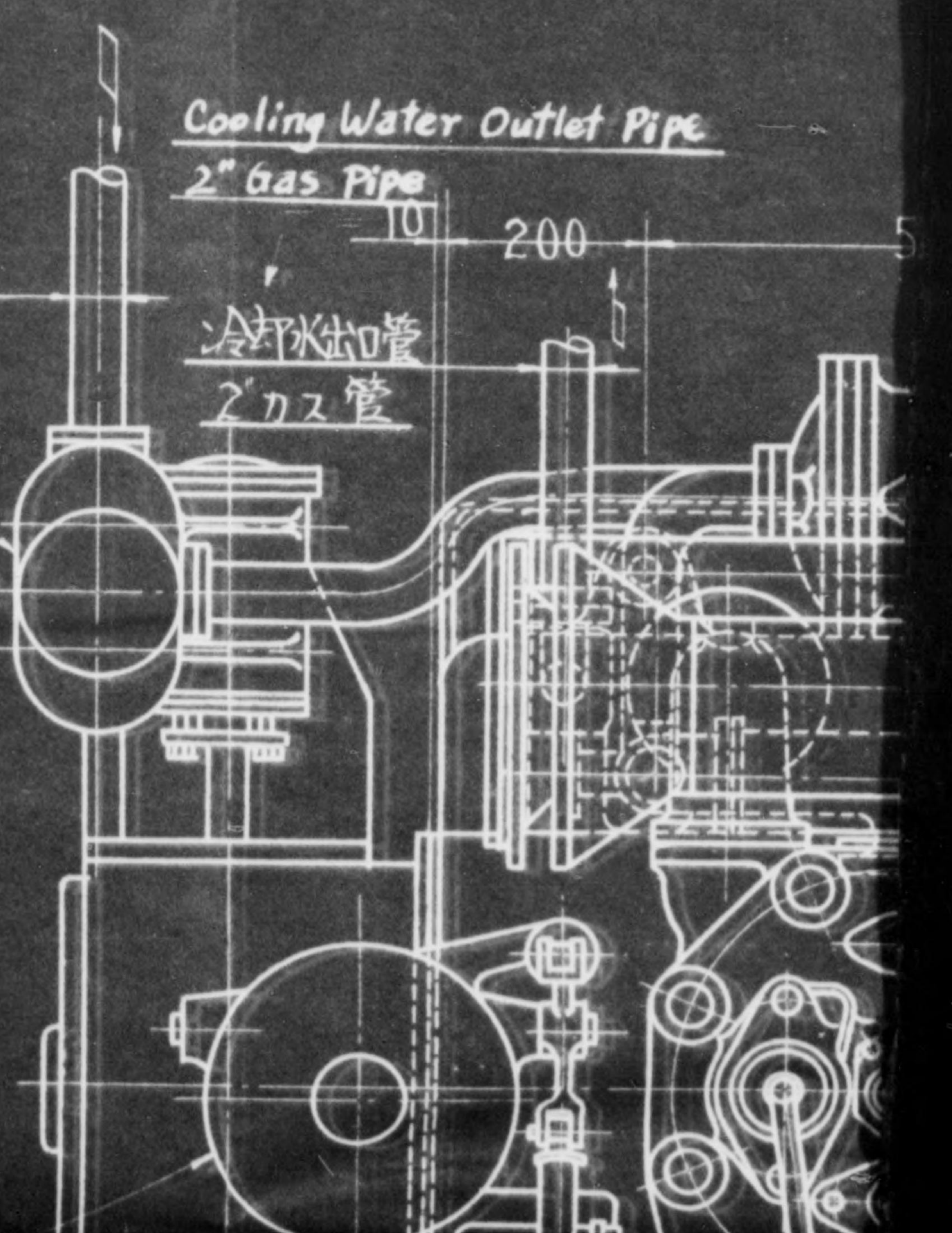
Cooling Water Inlet Pipe
2" Gas Pipe

冷却水入口管
2"ガス管

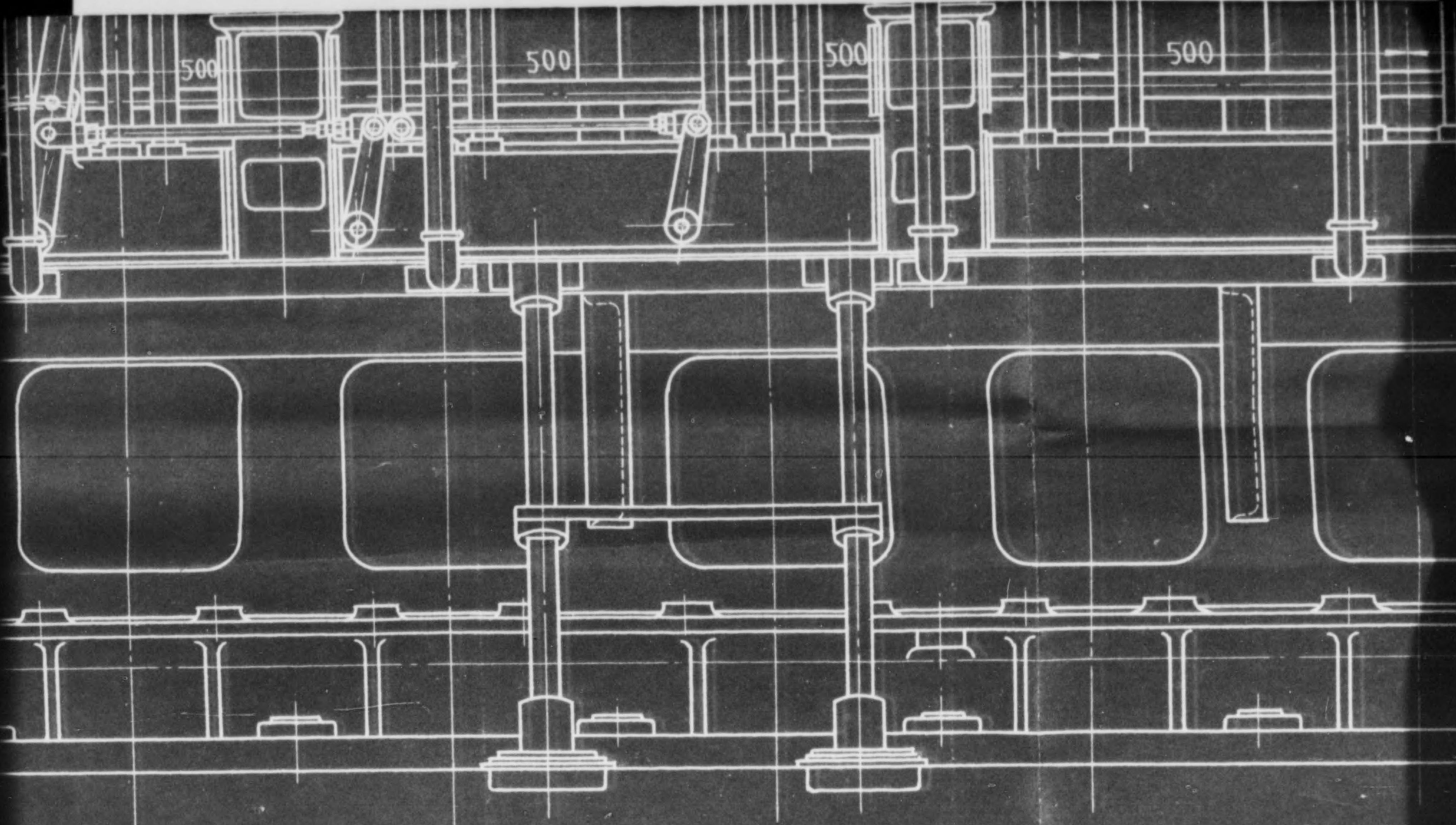
Cooling Water Outlet Pipe
2" Gas Pipe

冷却水出口管
2"ガス管

冷却水唧筒
Cooling Water Pump



调速器



3310

3330

4123

500

500

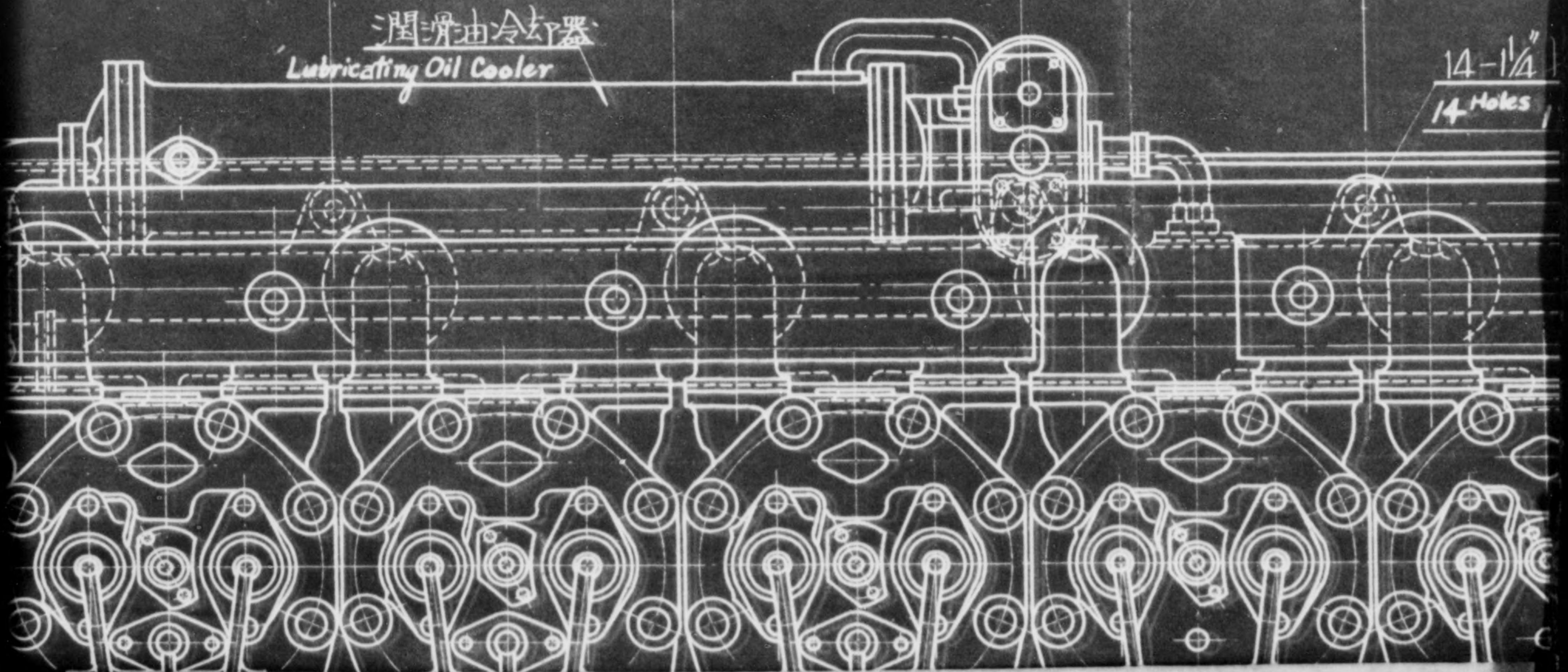
500

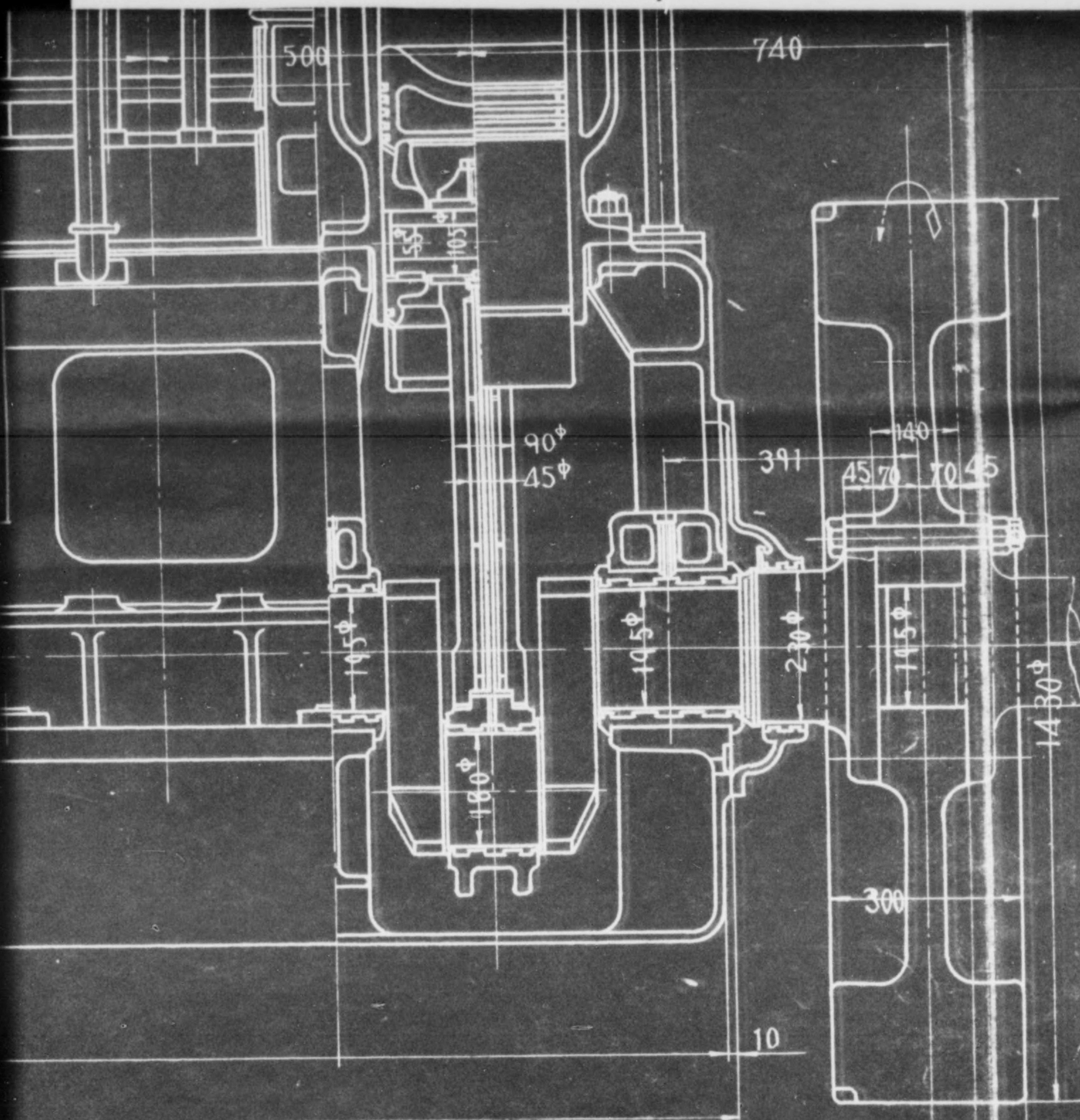
500

50

潤滑油冷却器
Lubricating Oil Cooler

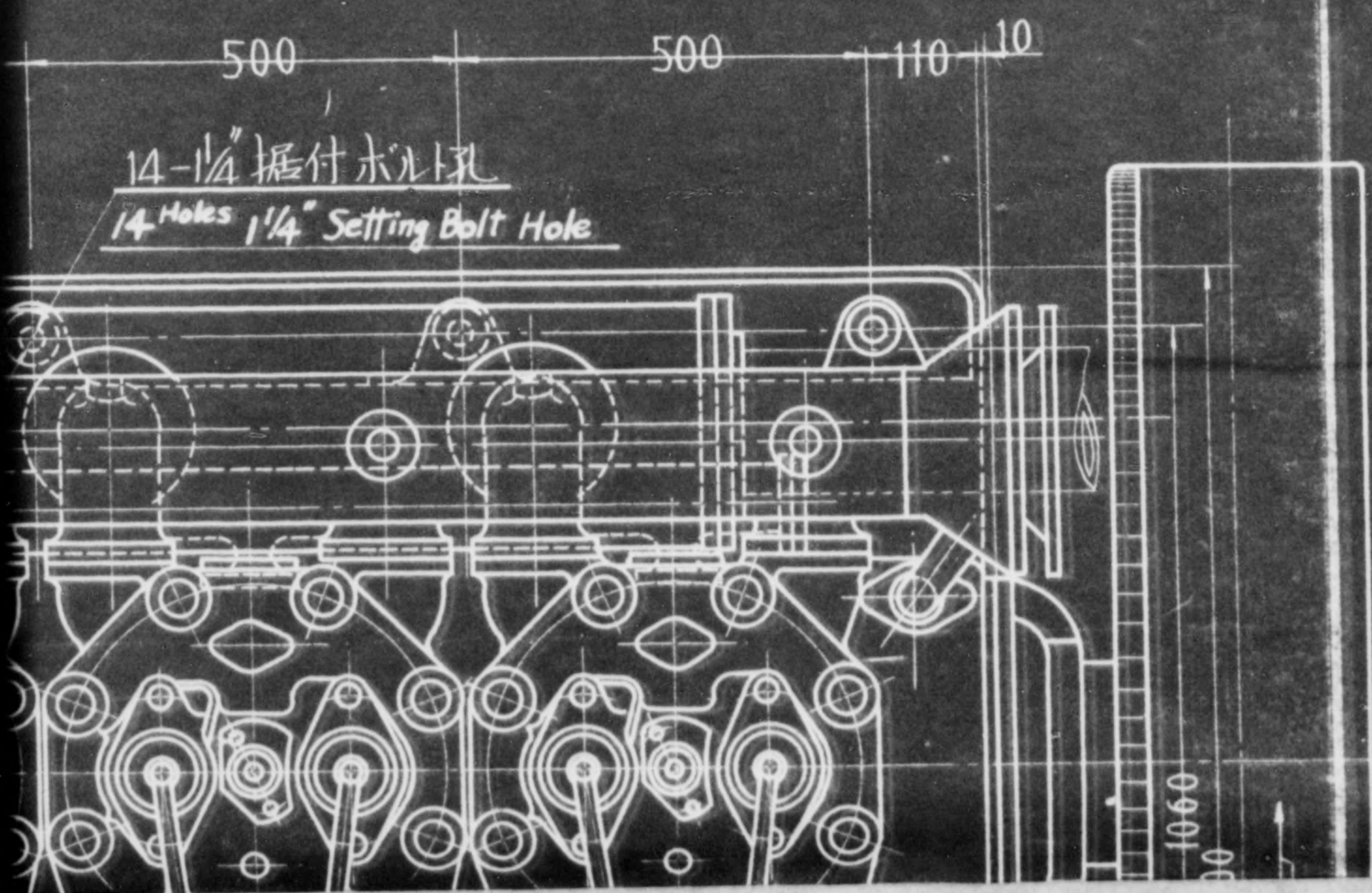
14-1/4"
14 Holes



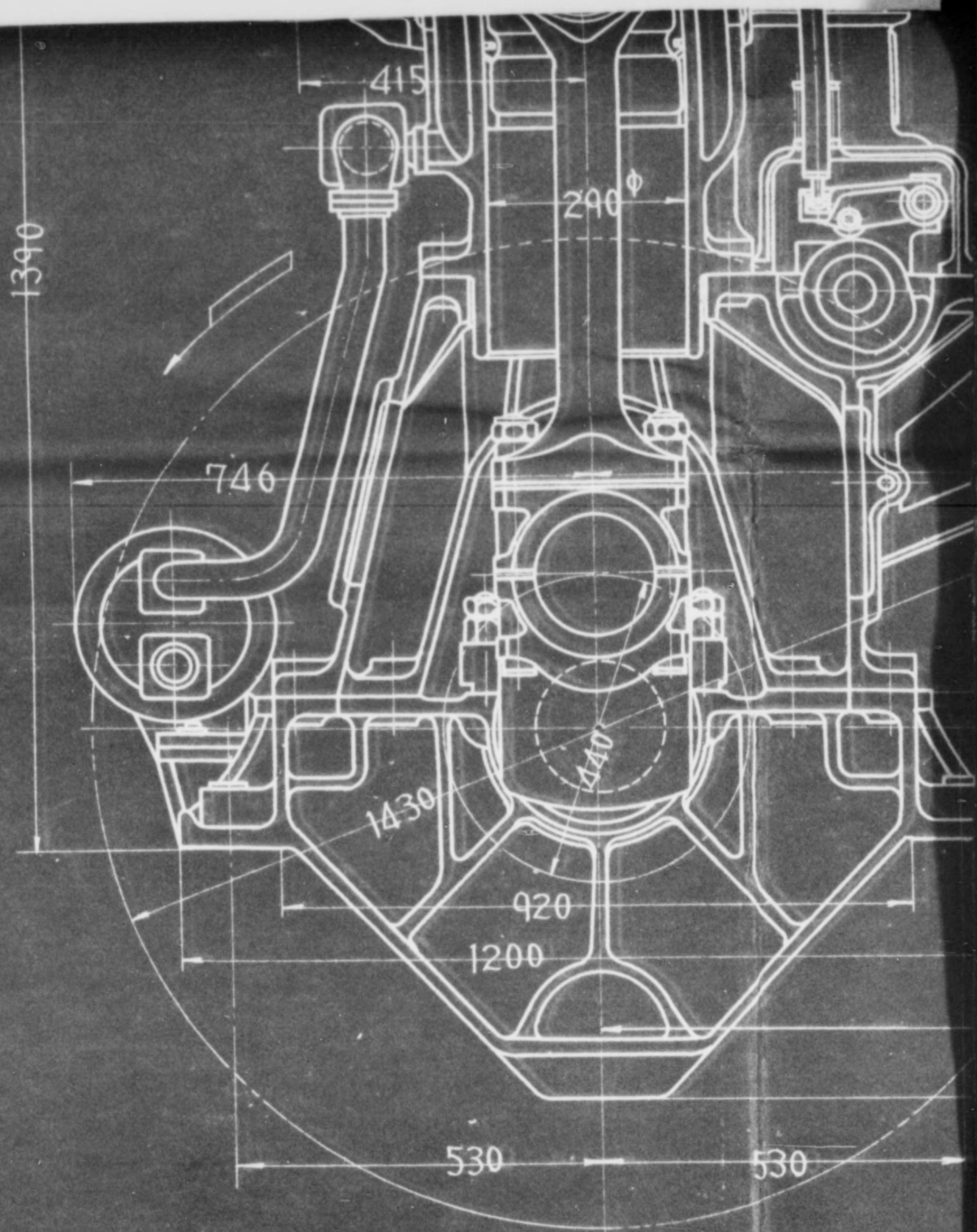


8-39 ϕ 1-2-ボルト
8 Holes Reamer Bo

Fly WHEEL PART
Flywheel Weight About
" GD² 267
" Irregularity 1/730



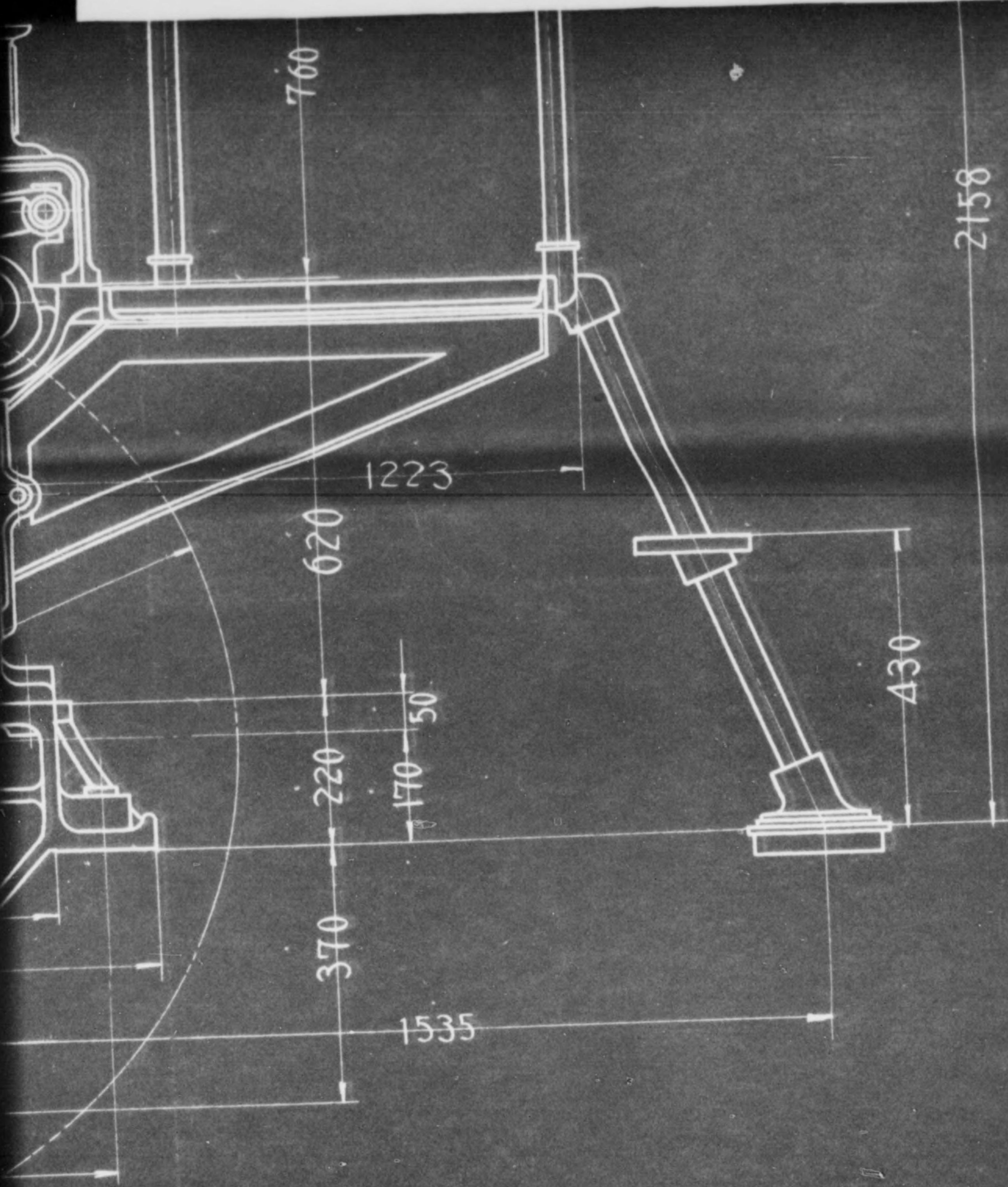
14-1/4" 掘付ボルト孔
14 Holes 1/4" Setting Bolt Hole



8-39^φ リ-マ-ボルト孔
 8 Holes Reamer Bolt Dia. 39

WHEEL PARTICULAR	
Steel Weight	About 1980kg
GD ²	2677 kg-m ²
Irregularity	1/73 (Machine Only)

水压
試験力



本図ハ右勝手示

or Direct Coupled.

水圧
試験力

2158

430

本図は右勝手表示

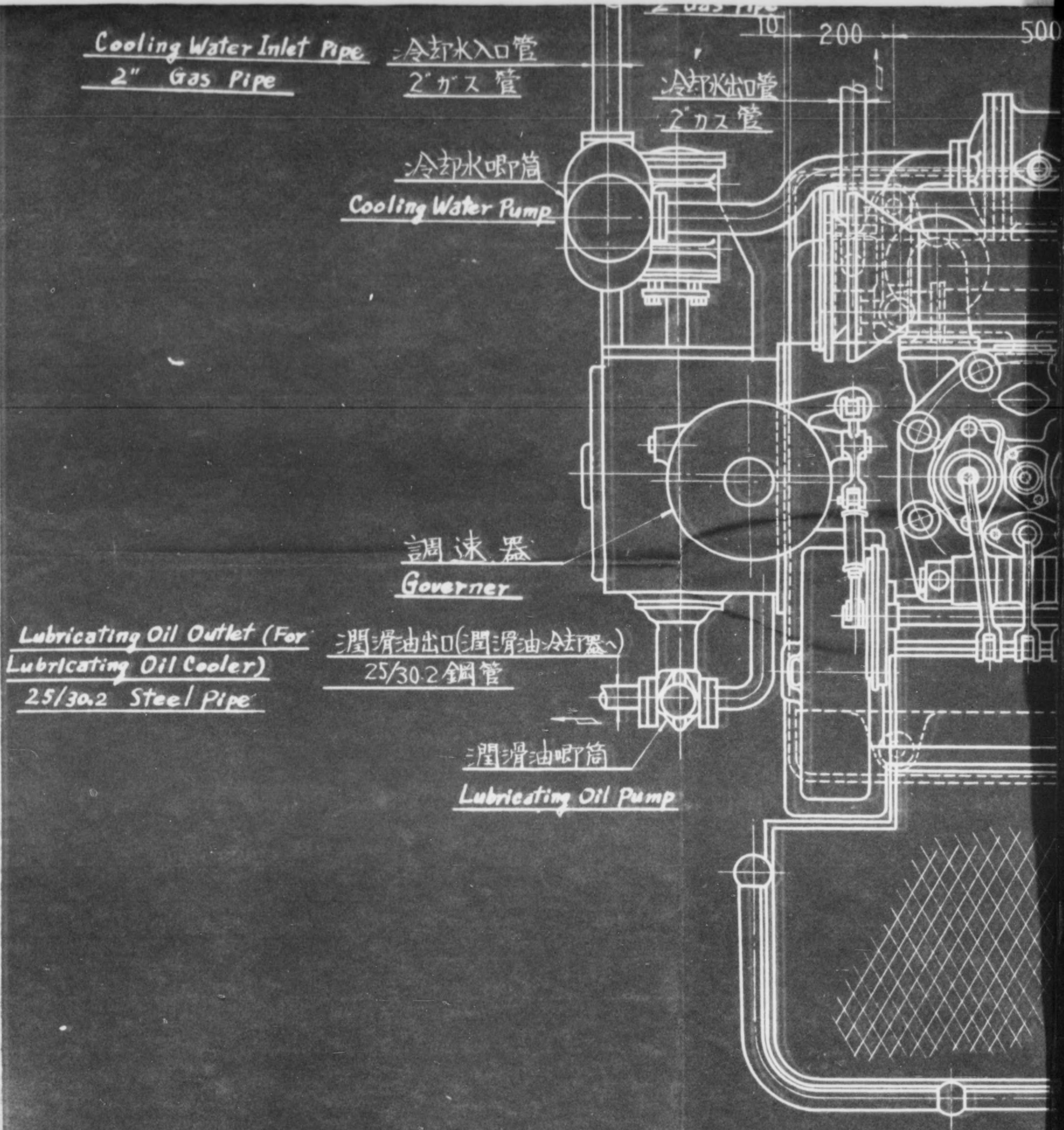
or Direct Coupled.

Diesel Engine

ngement

No. of Figure

F 8867



Cooling Water Inlet Pipe 冷却水入口管
2" Gas Pipe 2" ガス管

2 Gas Pipe
 10 200 500
 冷却水出口管
 2" ガス管

冷却水唧筒
Cooling Water Pump

调速器
Governor

Lubricating Oil Outlet (For Lubricating Oil Cooler)
25/30.2 Steel Pipe
 潤滑油出口(潤滑油冷却器)
 25/30.2 鋼管

潤滑油唧筒
Lubricating Oil Pump

500

500

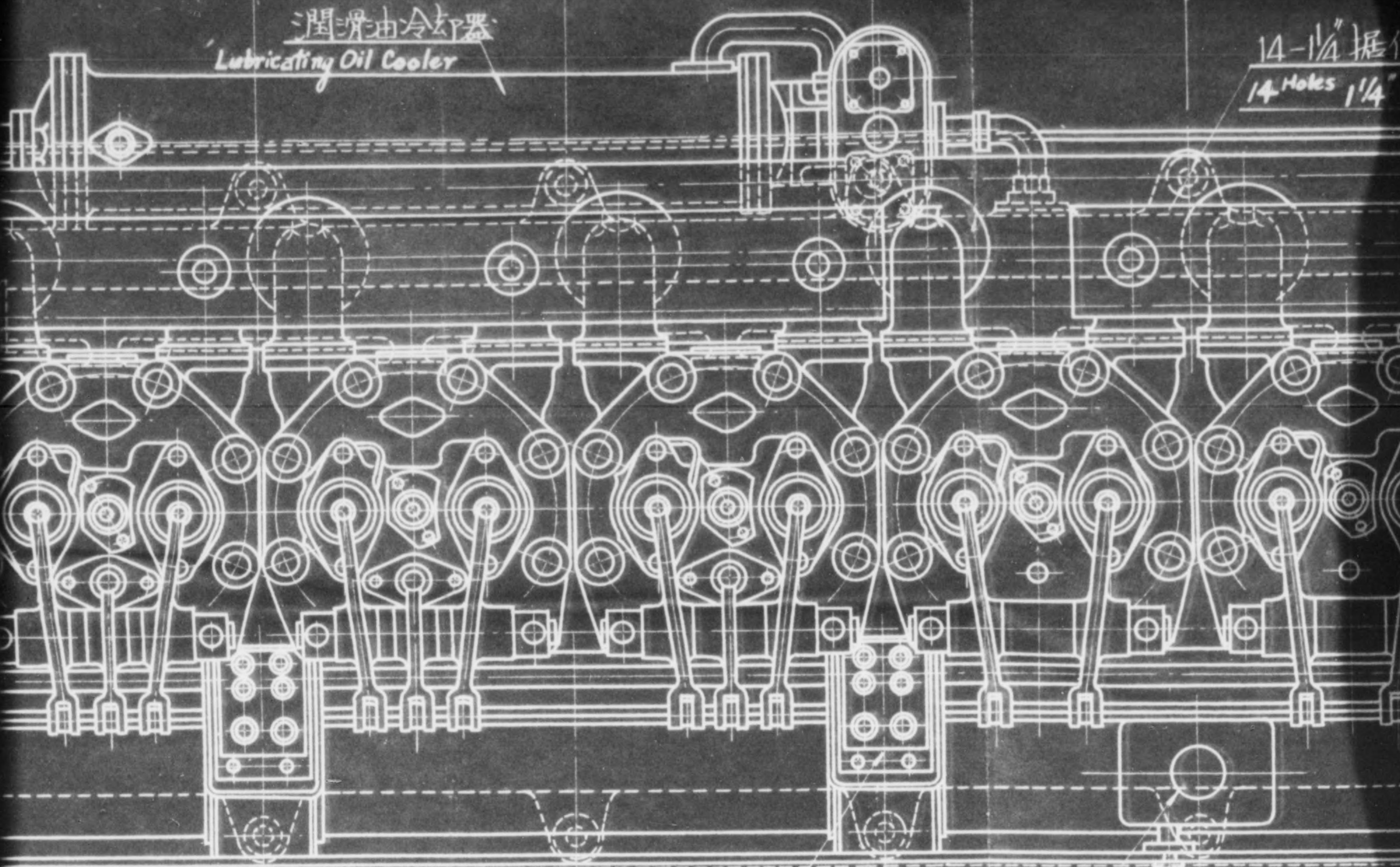
500

500

500

潤滑油冷却器
Lubricating Oil Cooler

14-1/4 英寸
14 Holes 1/4"

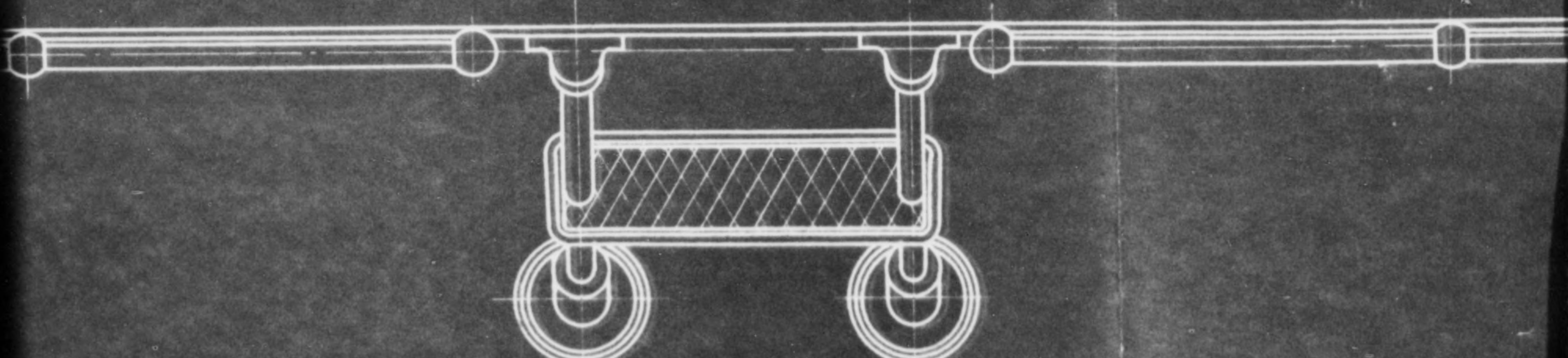
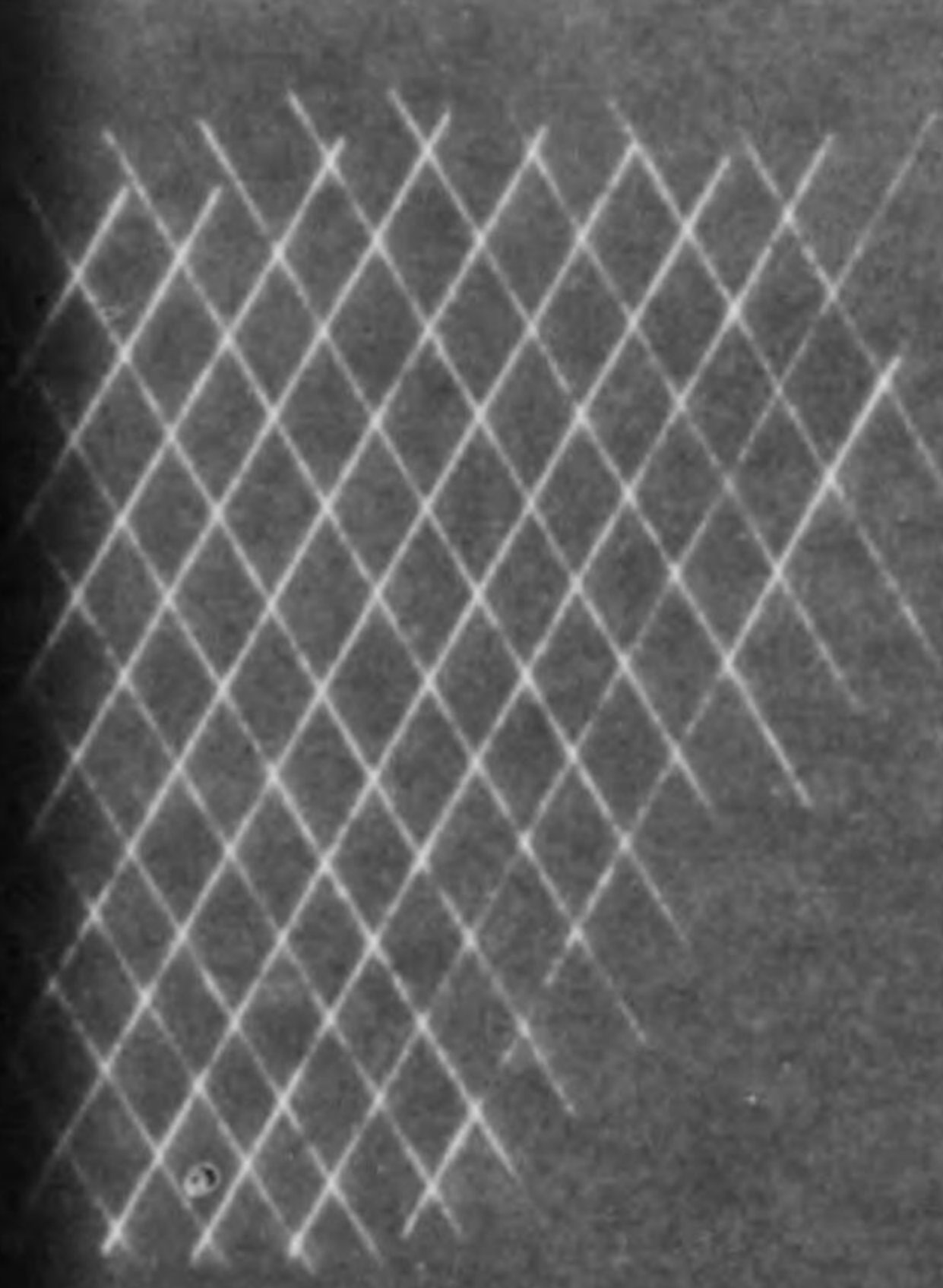


燃料唧筒

Fuel Pump

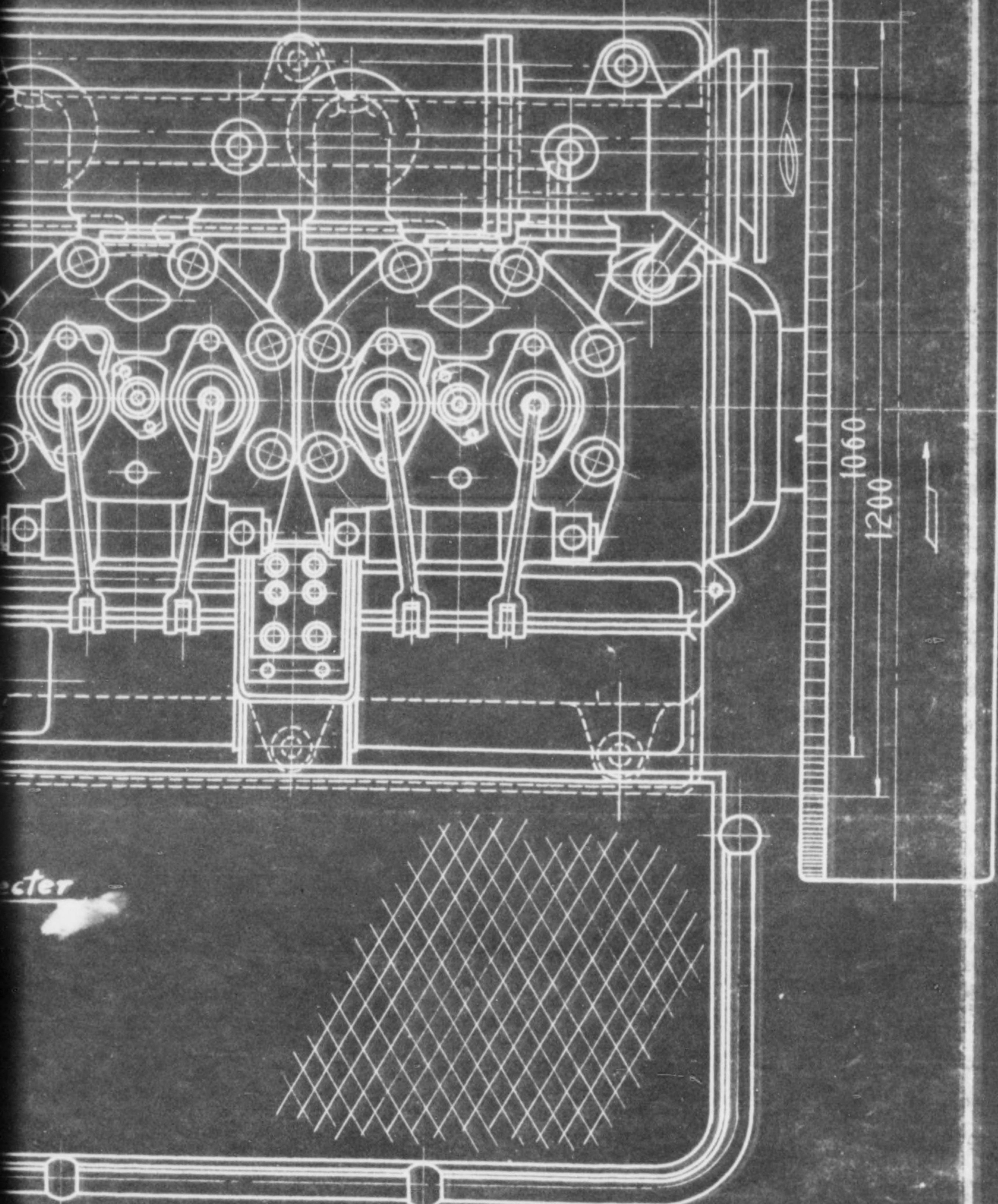
氣筒注油器

Cylinder Lubricating Oil Injector



500 500 110 10

14-1/4" 掘付ボルト孔
14 Holes 1/4" Setting Bolt Hole



cter

PARTICULAR

Diesel Engine

Shaft Horse Power	360
Cylinder dia (mm)	290
No. of Cylinder	6
Length of Stroke (mm)	440
Revolution per Minute	360
Weight (Kg) About	16,150

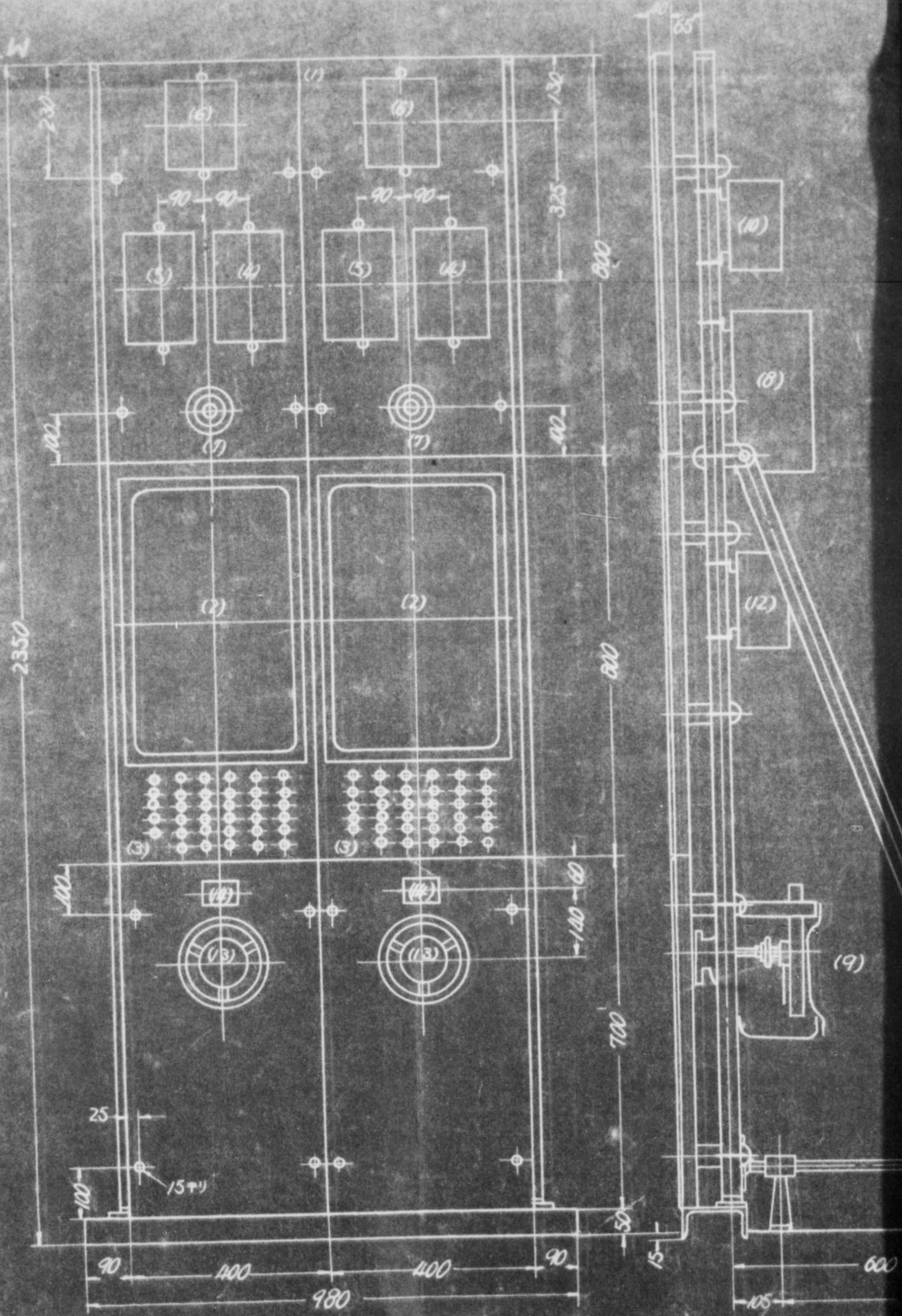
This F.

本図は左舷と右舷の左舷と右舷の本図と反計ナリ

Starboard Side and This Symmetry Port Side.

/ Sheet of 4 Sheets	Allocation Notice No.	For 250 kVA. A.C. Generator Direct Coupled. 6 Cylinder 360 HP.		
	Name of Plant	Non Blast Air Oil Jet Diesel Engine		
	Sasebo	General Arrangement		
	Inventory No.	Scale	Maker	No. of Figure
	27-3-3764	1/10	Ikegai Iron Works	F 8867

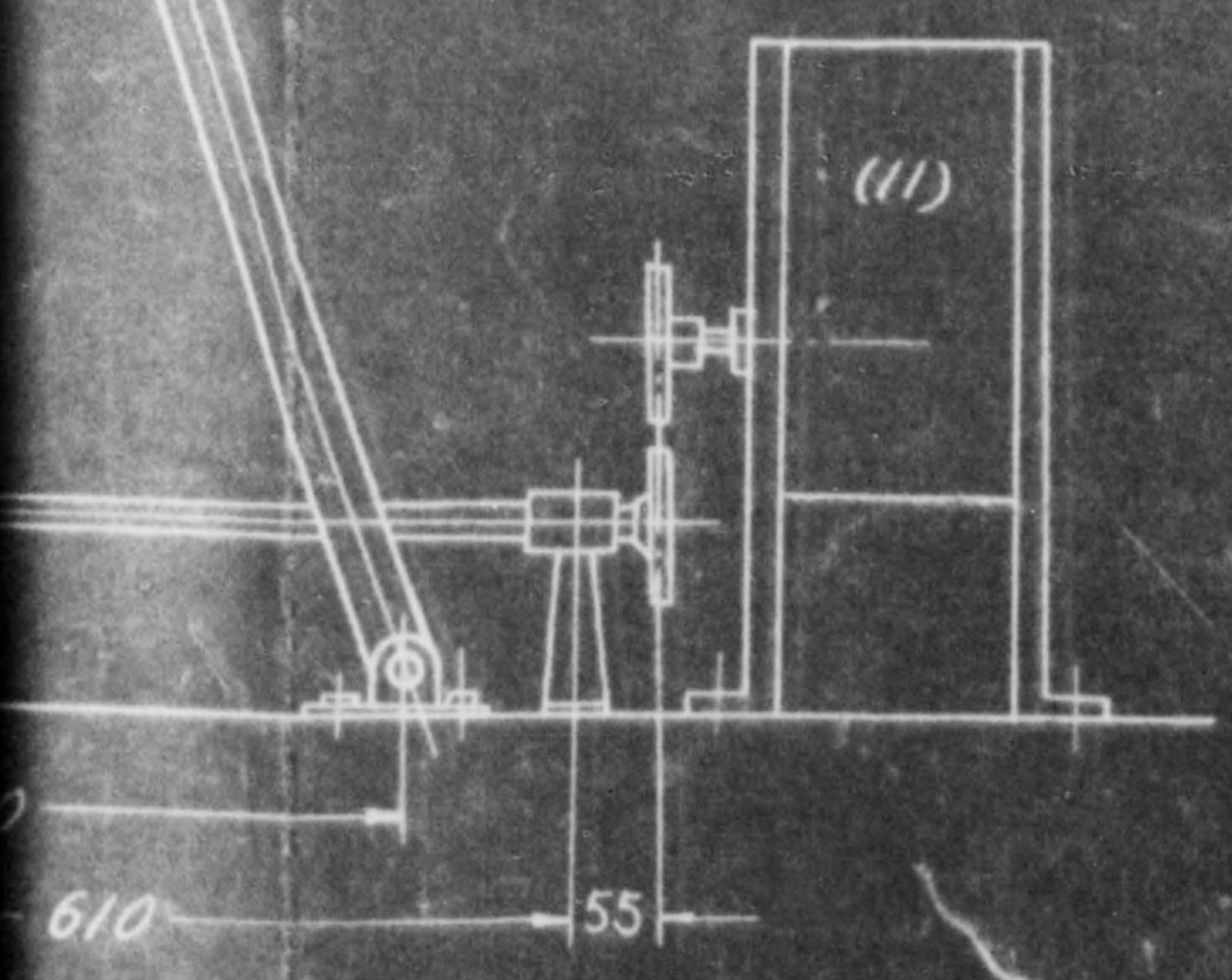
M 512601



○	○	○	○
○	○	○	○
○	○	○	○

第三角圖法

No. of parts	Name and Type	Note
1	Marble Panel	5 Bark Finish
2	Automatic Voltage Regulator 250	
3	Pole change Switch	
4	Over Voltage Relay VSC-11	
5	Over Current Relay VSC-12	
6	Contactor DDB-40-1a	
7	Push Button Switch VBT-101-B	
8	Resistor VAS-PV(RA)	
9	Regulator Resistance (RB)	
10	Resistor VSS-PV(RC)	
11	Regulator Resistance (RD)	
12	Condenser	
13	Hand Wheel HCD	
14	Name plate NP-5	



Automatic Voltage Regulating Panel		Allocation	3-51	3 Sheet of 4 sheets
Assemblage		Notice No.	Sasebo	
Scale	1/10	Name of Plant	Sasebo	
	Shibaura Seisakusho	Inventory No.	M-512601 27-3 3764	



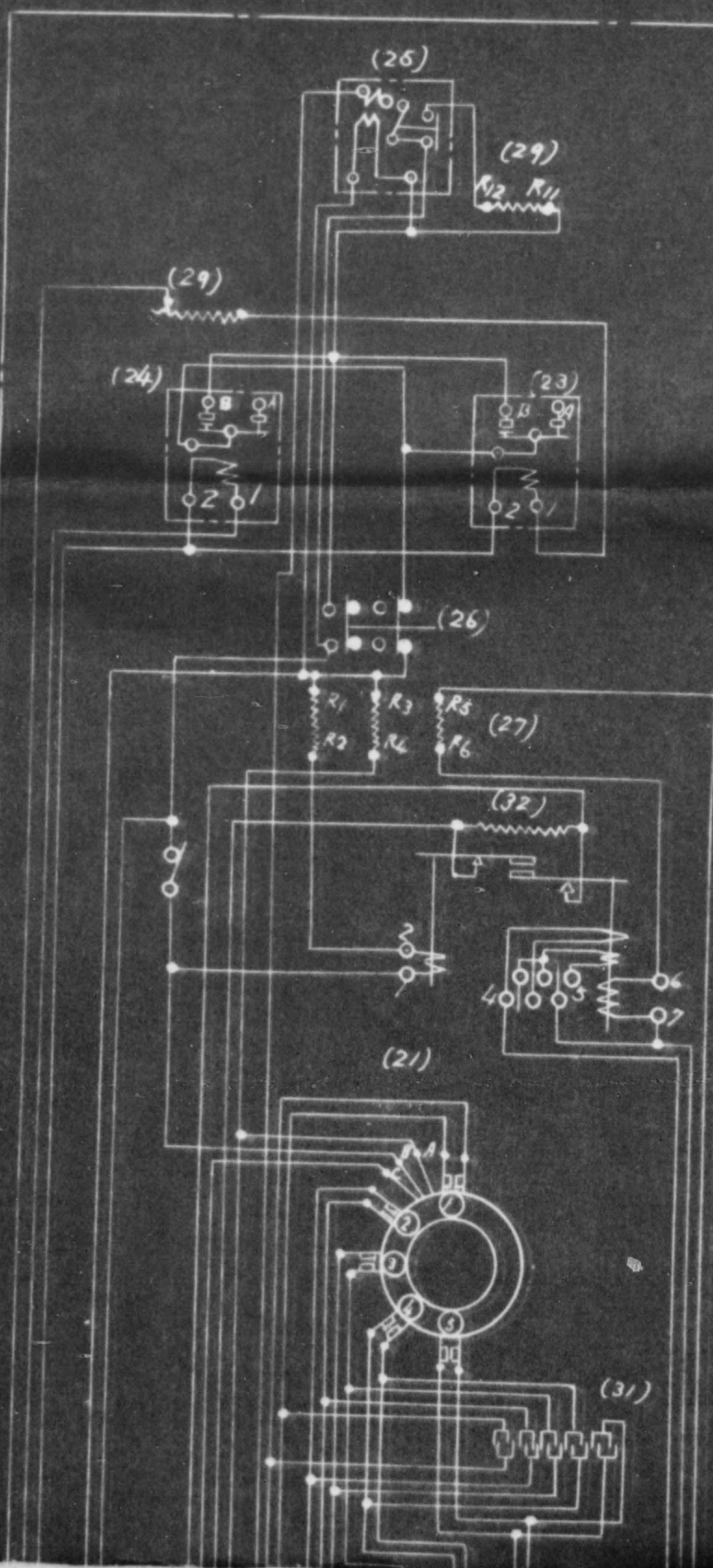
P-523191

Automatic Voltage Regulating Panel

自動電圧調整器盤

Automatic Voltage Regulating Panel

自動電圧調整器盤



器具及接続左ニ合シ

Articles and Connection Similar to Left.

Synchronous Detecting Bus Bar
同期検定母線
操作母線 110V
Operation Bus Bar



E

Artic Voltage
Rating Panel
調整器盤

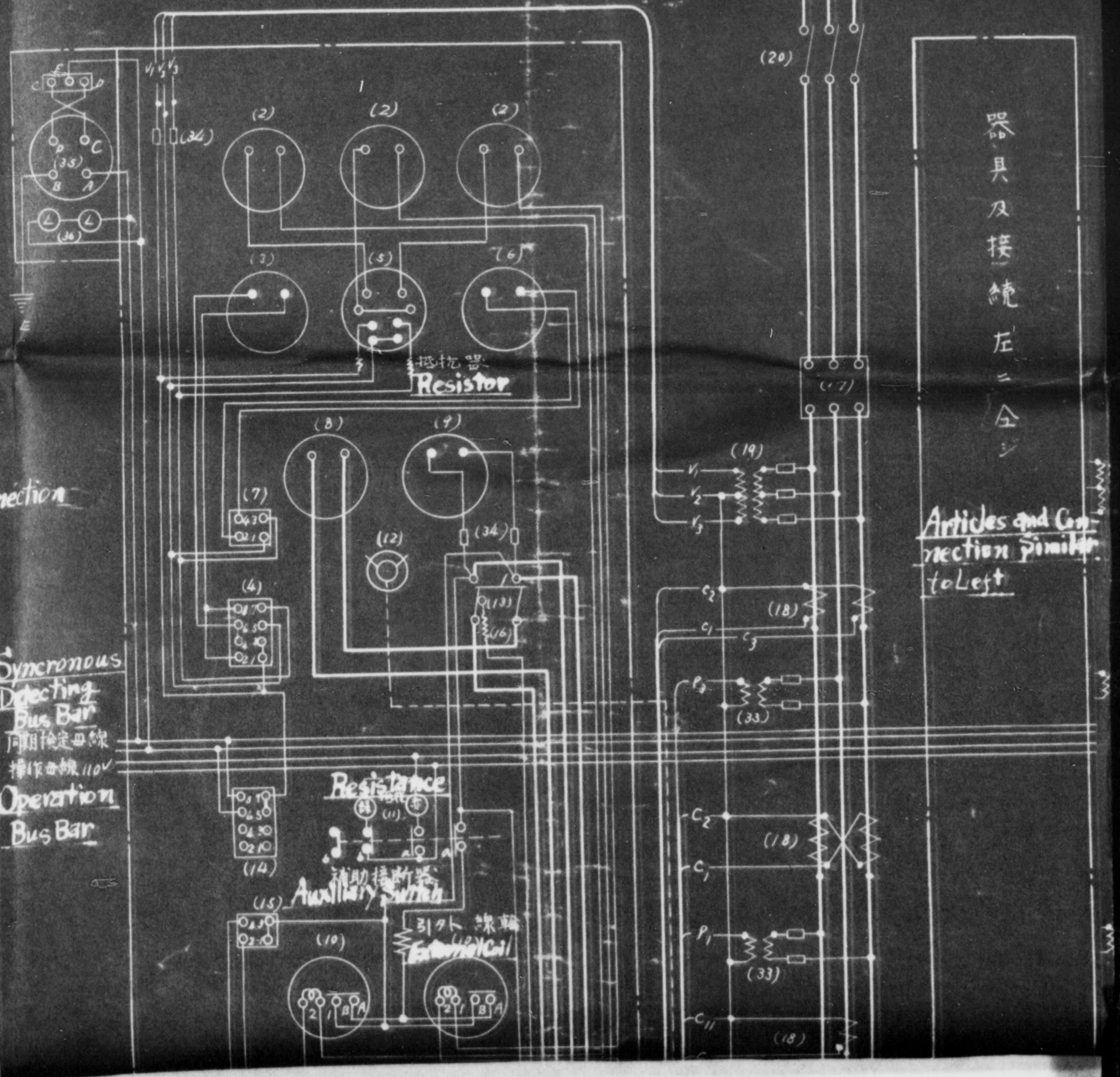
A.C. Generator Panel
交流發電機盤
250 kVA 3300V 60CY

A.C. Generator Panel
交流發電機盤

器具及接續

Articles and Connection
to Left.

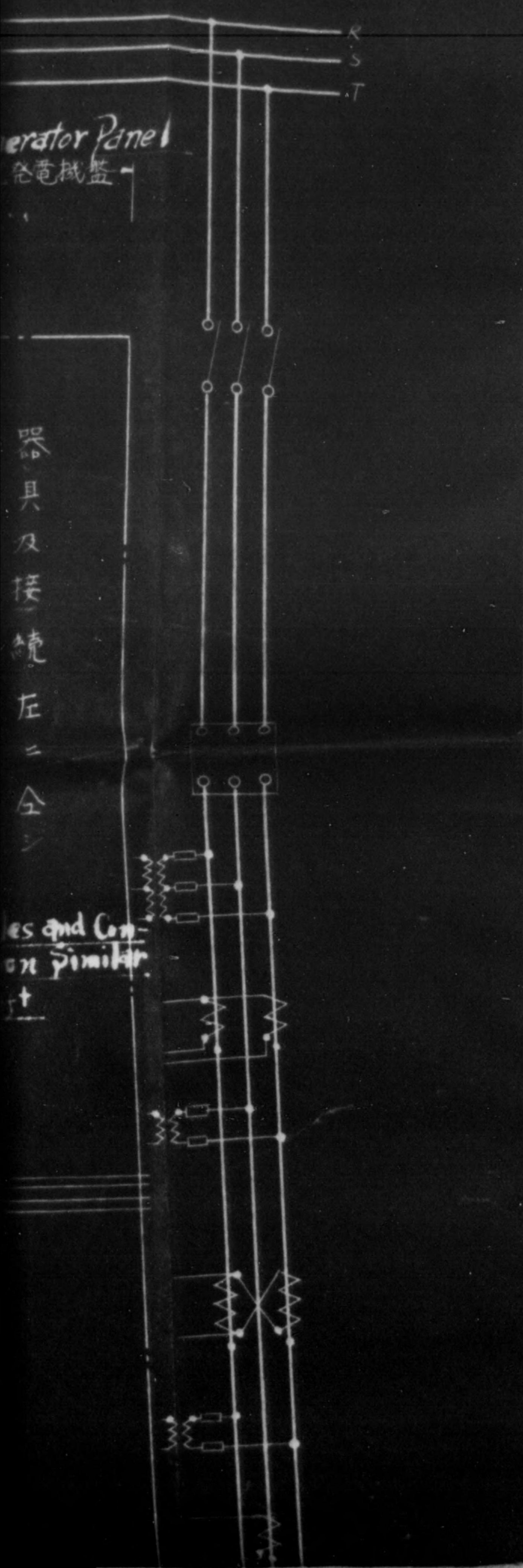
Synchronous
Detecting
Bus Bar
同期檢定母線
操作母線 110V
Operation
Bus Bar



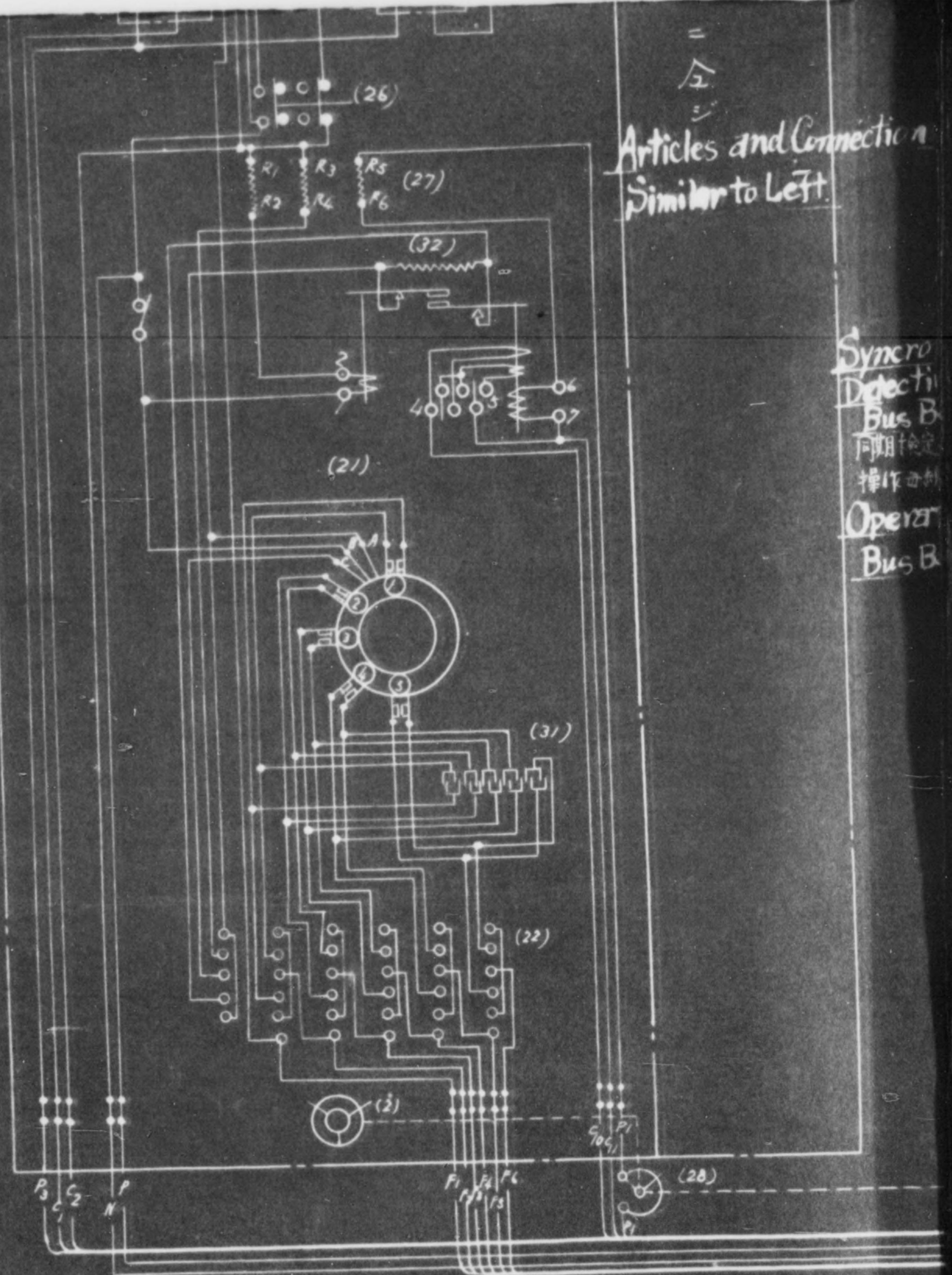
器具及接續
左ニ合シ

Articles and Connection
similar
to Left

第三角圖法



No.	Name and Type
1	Main Panel 5 Black Fuses
2	A.C. Ammeter 60A
3	A.C. Voltmeter 4500V
4	Voltmeter Transfer Switch
5	Indicating Wattmeter 400W
6	Frequency Meter
7	Frequency Meter Transfer Switch
8	D.C. Ammeter 50A
9	D.C. voltmeter 300V
10	Over Current Relay 5A
11	Signal Lamp Red/Green 110V
12	Hand Wheel
13	Field Breaker 100A
14	Synchronous Detector Change Switch
15	Contact
16	Discharge Resistance 7Ω
17	Oil Circuit Breaker 600V 300A
18	Current Transformer 450V 75A
19	Potential Transformer 3300V/110V
20	Disconnecting Switch 300V 400A
21	Automatic Voltage Regulator 250V
22	Pole change Switch
23	Over Voltage Relay
24	Over Current Relay
25	Contact
26	Push Button Switch
27	Resistor
28	Regulating Resistance
29	Resistor
30	Regulating Resistance
31	Condenser
32	Discharge Resistance 150Ω
33	Potential Transformer 3300V/110V
34	...



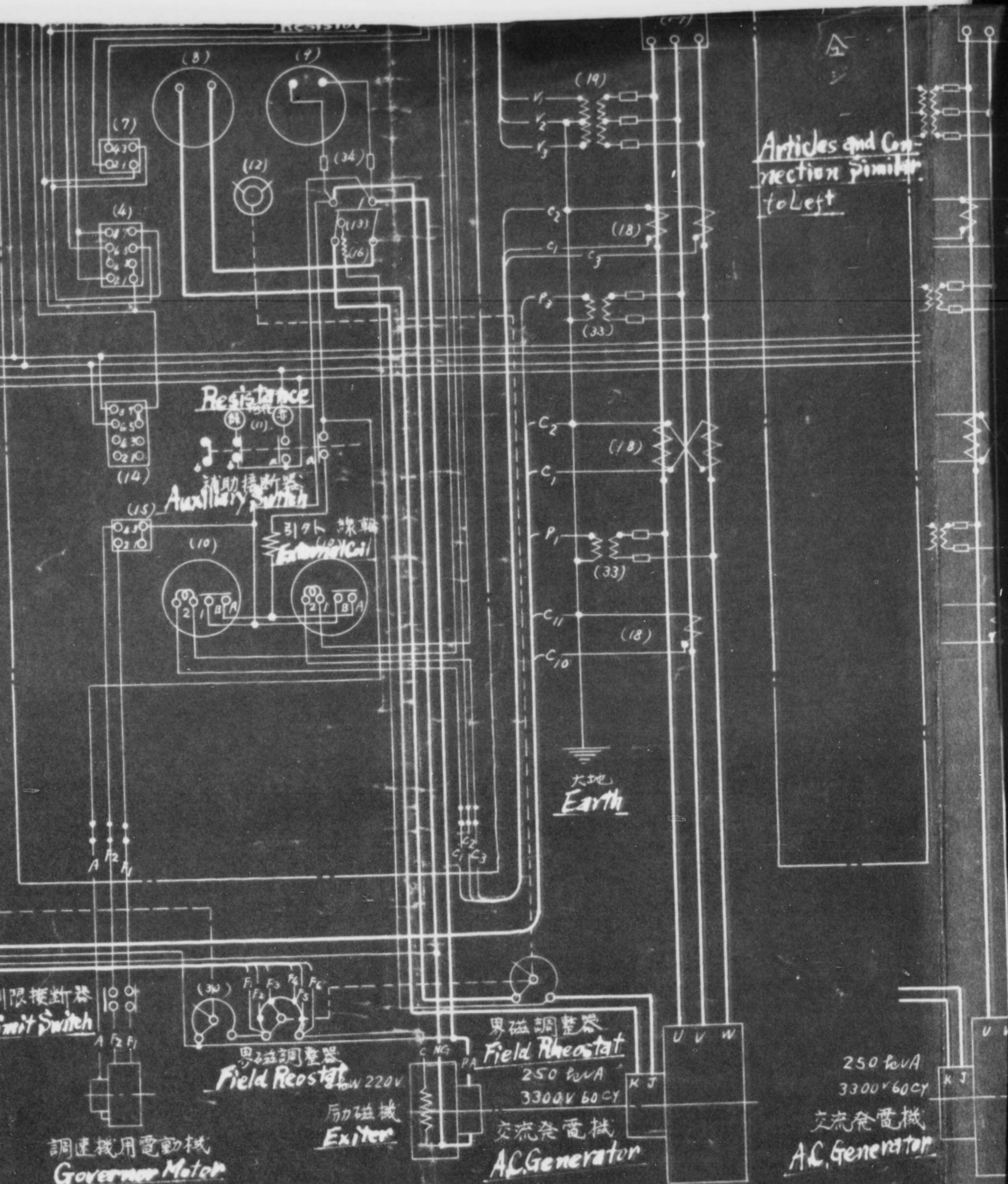
シ
 Articles and Connections
 Similar to Left.

Syncro
 Detector
 Bus B
 同期検
 操作回路
 Operat
 Bus B

nd Connection
Left.

Synchronous
Detecting
Bus Bar
同期檢定母線
操作母線 110V
Operation
Bus Bar

Articles and Con-
nection similar
to Left



制限接斷器
Limit Switch

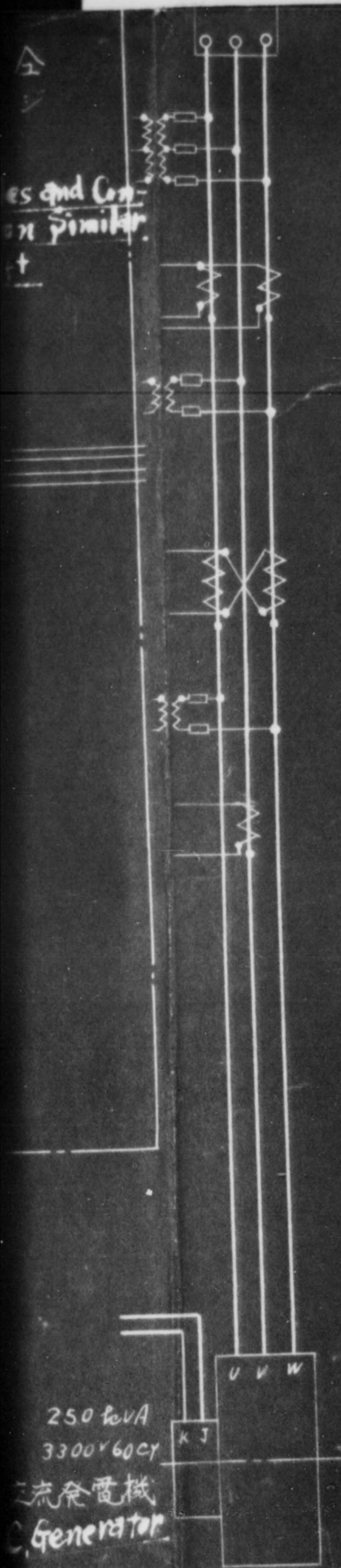
勵磁調整器
Field Rheostat

勵磁機
Exciter

調速機用電動機
Governor Motor

交流發電機
AC Generator

250 kVA
3300V 60CY
交流發電機
AC Generator



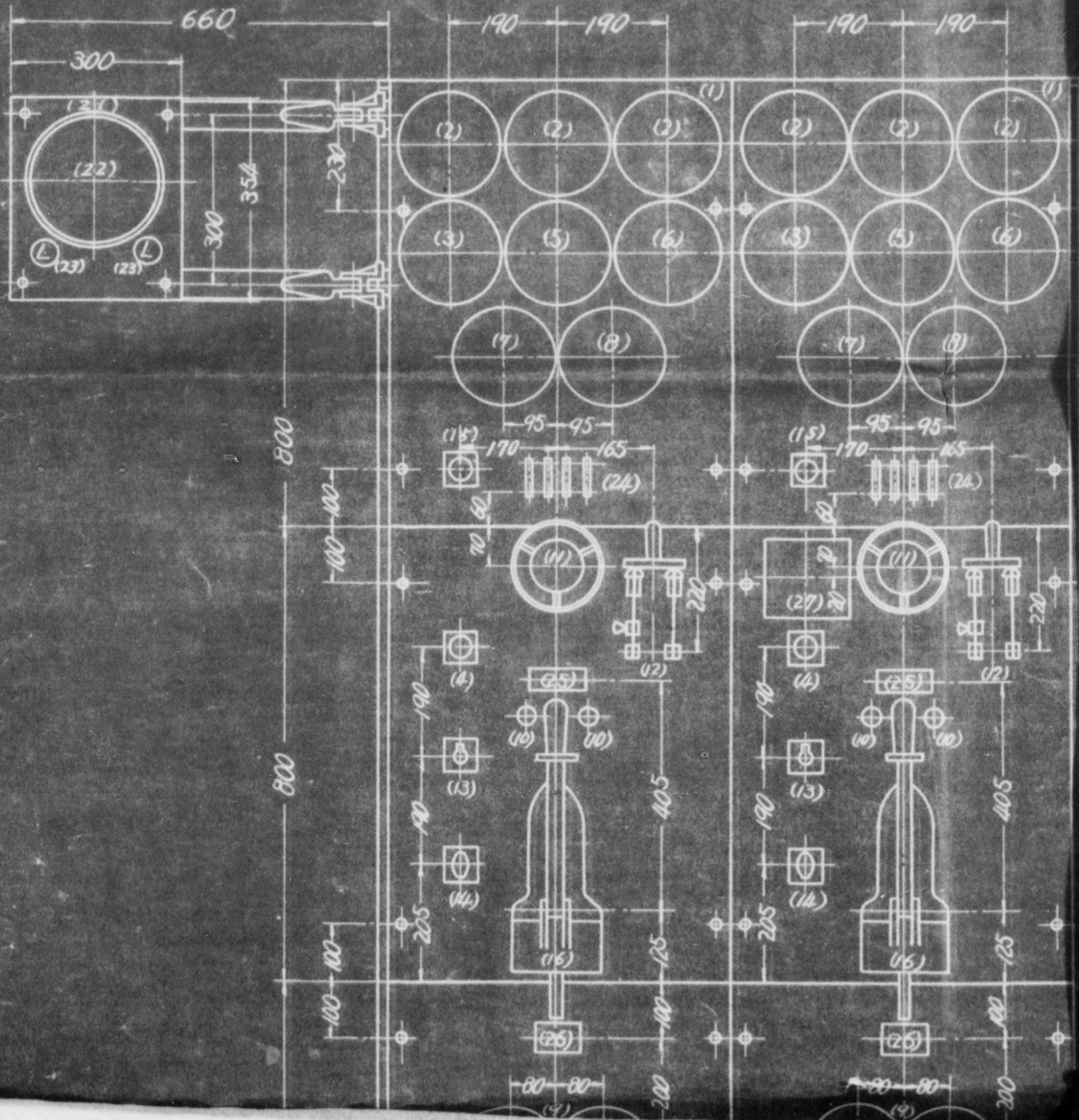
15	Discharge Resistance	7Ω
17	Oil Circuit Breaker	6100 ^v 300A
18	Current Transformer	4450 ^v 95A
19	Potential Transformer	3300/110V
20	Disconnecting Switch	305 ^v 400A
21	Automatic Voltage Regulator	250 ^v
22	Pole change Switch	
23	Over Voltage Relay	
24	Over Current Relay	
25	Contact	
26	Push Button Switch	
27	Resistor	
28	Regulating Resistance	
29	Resistor	
30	Regulating Resistance	
31	Condenser	
32	Discharge Resistance	150Ω
33	Potential Transformer	3300/110V
34	Safety Fuse	250 ^v 1A
35	Synchronous Detector	110V
36	Synchronous Detector	110V

A. C. Generating Panel		Allocation Notice No.	3-51	4 Sheets
Electric Connection		Name of Plant	Sasebo	7 4 Sheets
Scale	Shibaura Seisakusho	Inventory No.	P-523191	27-3 3764

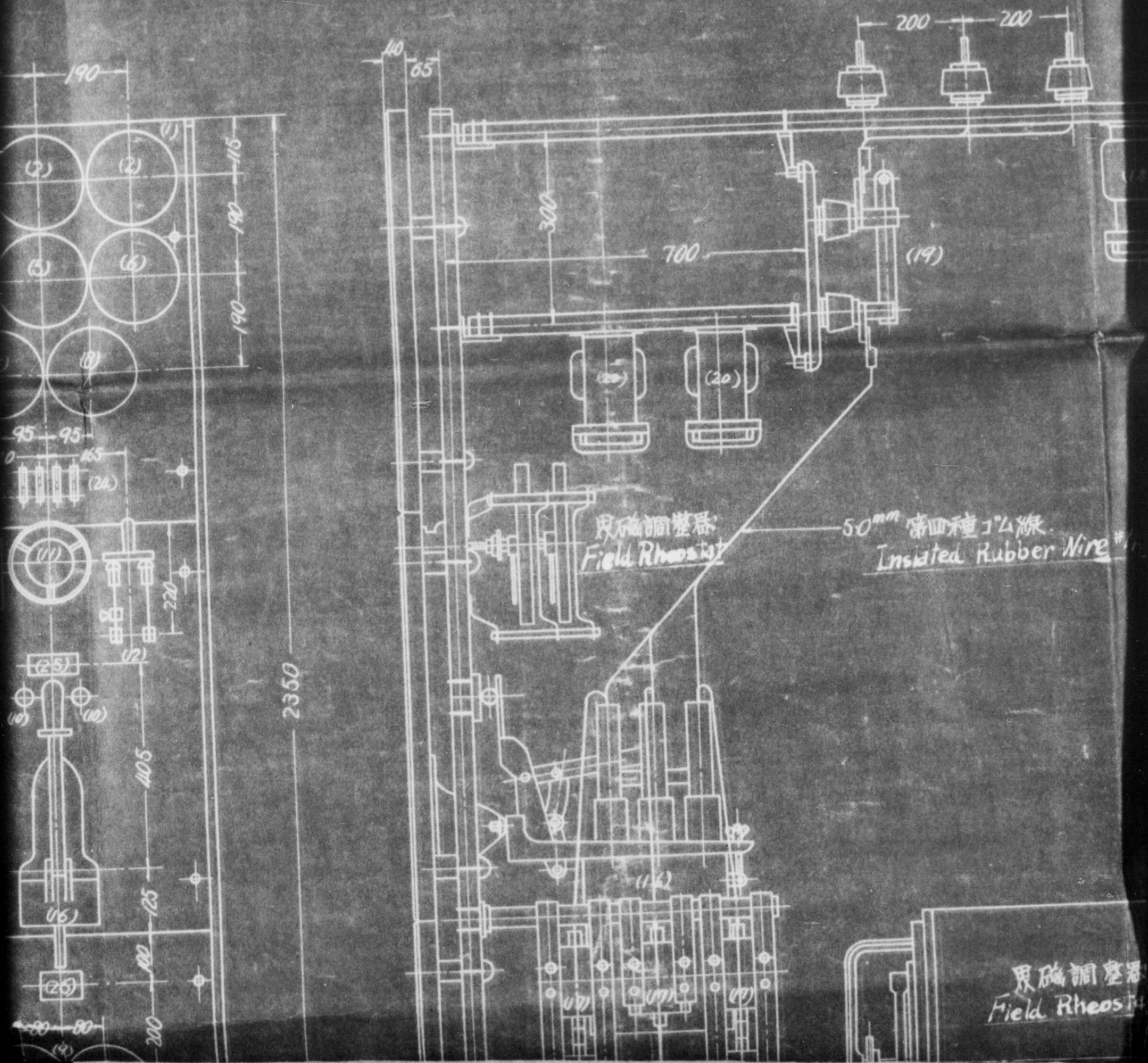
P-523190

A.C. Generator Panel
交流發電機盤
250 KVA 3300V

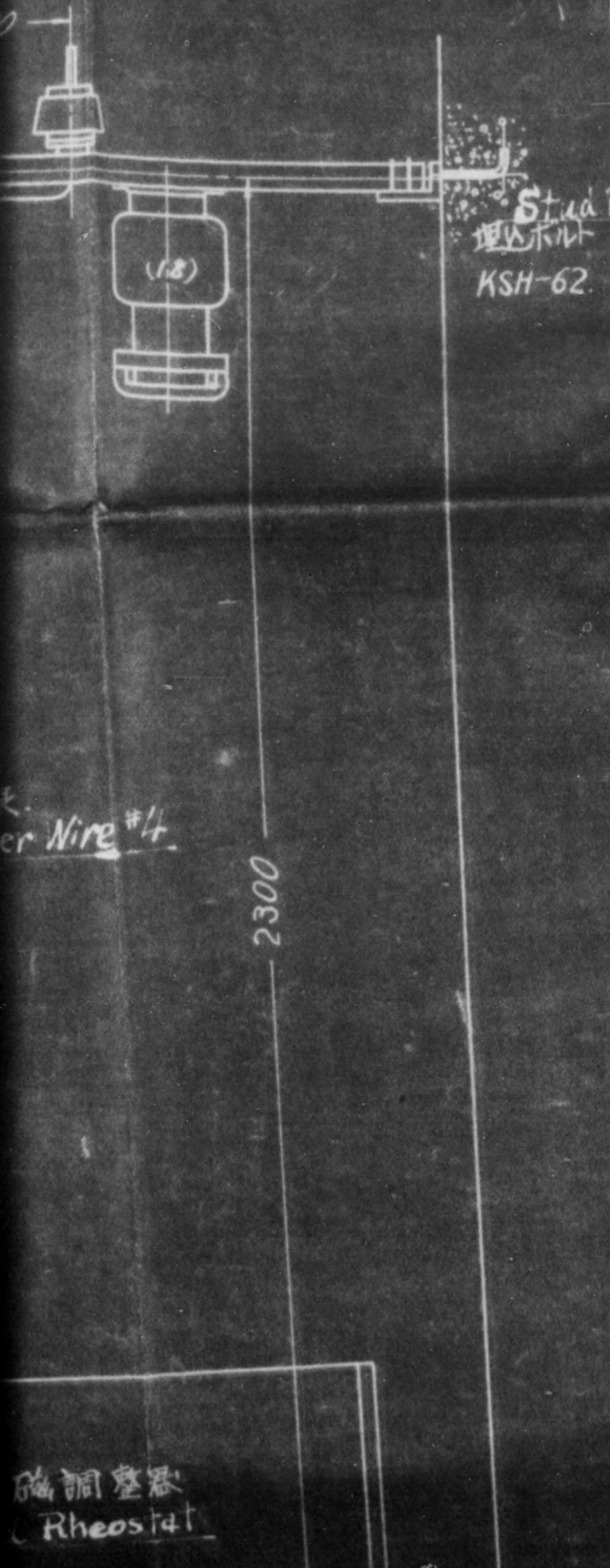
A.C. Generator Panel
交流發電機盤
250 KVA 3300V



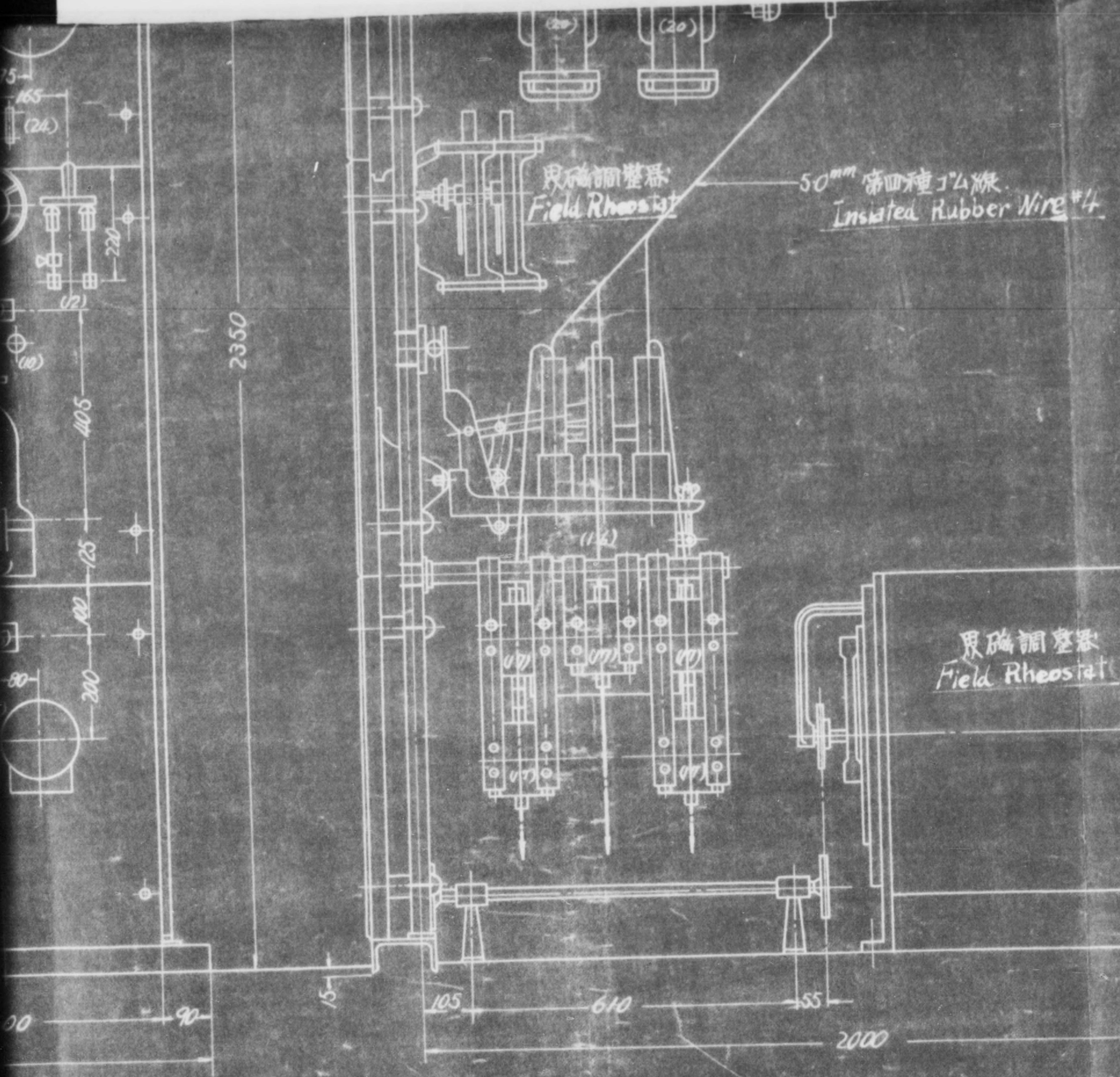
Generator Panel
 發電機盤
 VA 3300V



第三角圖法



No. of parts	Name and Type	Note
1	Marble Panel	#5 Black Finish
2	A.C. Ammeter 60A	
3	A.C. Voltmeter 4500V	
4	Voltmeter Transfer Switch	
5	Integrating Watt Meter 400kW	
6	Frequency Meter	
7	D.C. Ammeter 50A	
8	D.C. Voltmeter 300V	
9	Over Current Relay 6A	
10	Signal Lamp Red & Green	
11	Hand Wheel	
12	Field Breaker 250V 100A	
13	Synchronous Detector Change Switch	
14	Controller	
15	Frequency meter Transfer Switch	
16	Oil Circuit Breaker 6,900V	
17	Current Transformer 3450/15A	
18	Potential Transformer 3300/110V	
19	Disconnecting Switch	
20	Potential Transformer 3300/110V	
21	Swing Bracket	
22	Synchronous Detector 110V	
23	Synchronous Detecting Lamp	
24	Safety fuse	
25	Card Holder	
26	Name plate	
27	Connection Name Plate	



- 15 Frequency meter Transfer Switch
- 16 Oil Circuit Breaker 6,900v
- 17 Current Transformer 3450 ^{v/10} / 5A
- 18 Potential Transformer 3,300 ^{v/100} / 100v
- 19 Disconnecting Switch
- 20 Potential Transformer 3,300 ^{v/100} / 100v
- 21 Swing Bracket
- 22 Synchronus Detector 110v
- 23 Synchronus Detecting Lamp
- 24 Safety fuse
- 25 Card Holder
- 26 Name plate
- 27 Connection Name Plate

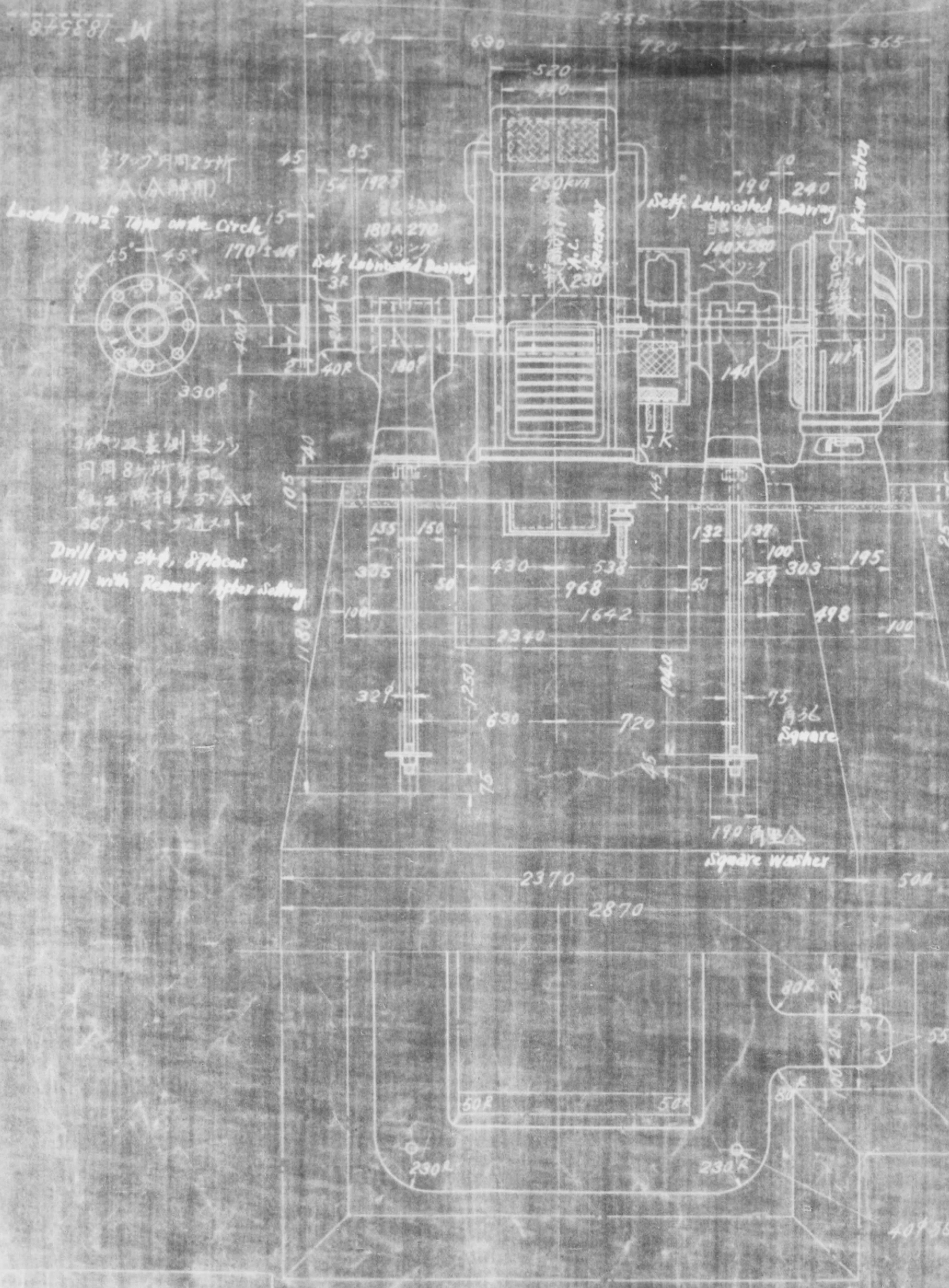
er Wire #4

2300

調整器
Rheostat

AC Generator Panel		Allocation	3-51	2 Sheet of 4 Sheets
Assemble		Name of Plant	Saseho	
Scale	1/10	Shibaura Seisakusha	P-523190	Inventory
				27~3 No. 3764





M 183548

全90°円周25ヶ所
穴(△印用)

Located $\frac{1}{2}$ Top on the Circle



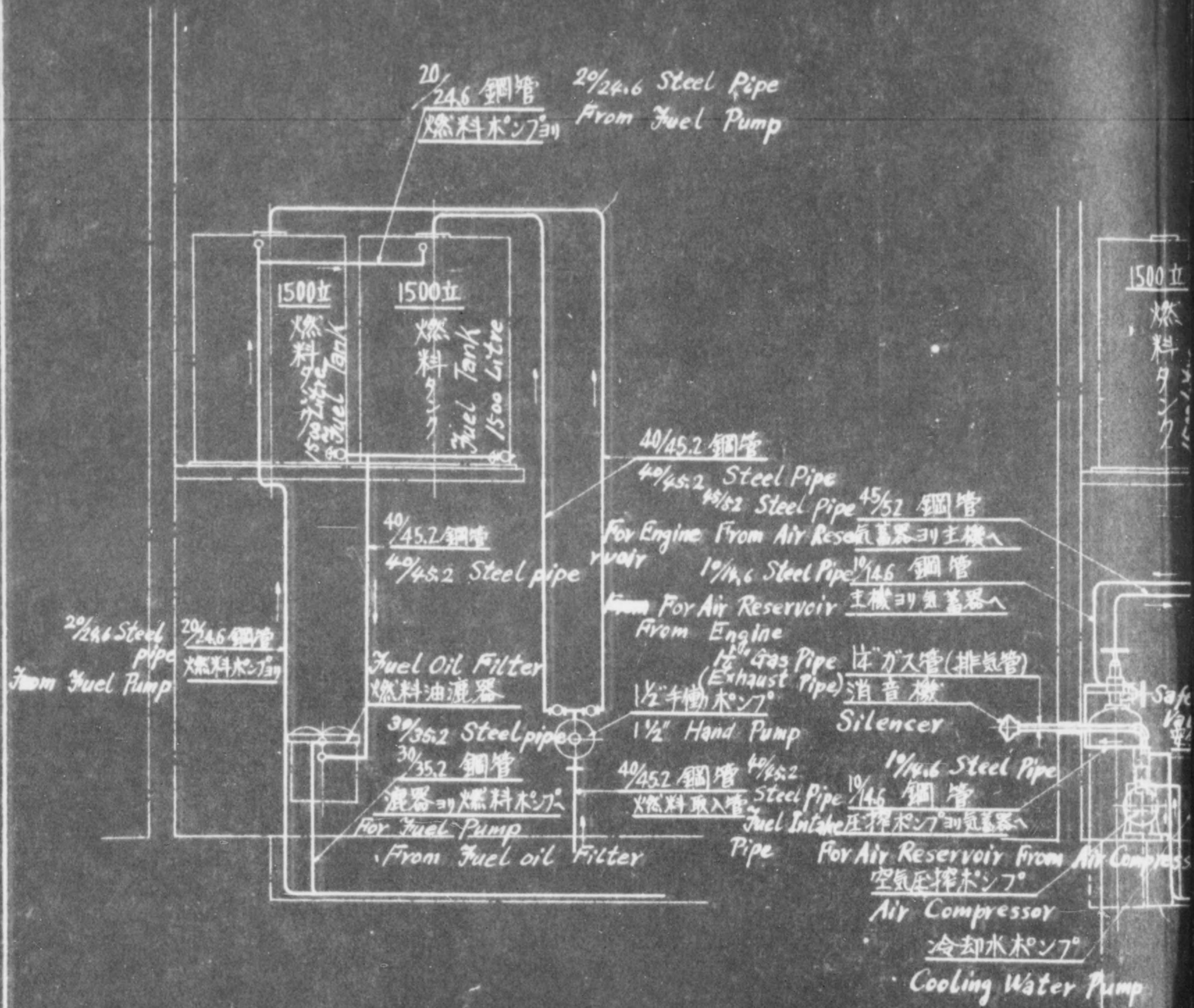
3ヶ所の裏側
円周8ヶ所等分
穴を削り出す
36°のリーマで

Drill Dia 24, 8 Places
Drill with Reamer After Setting

190
Square Washer

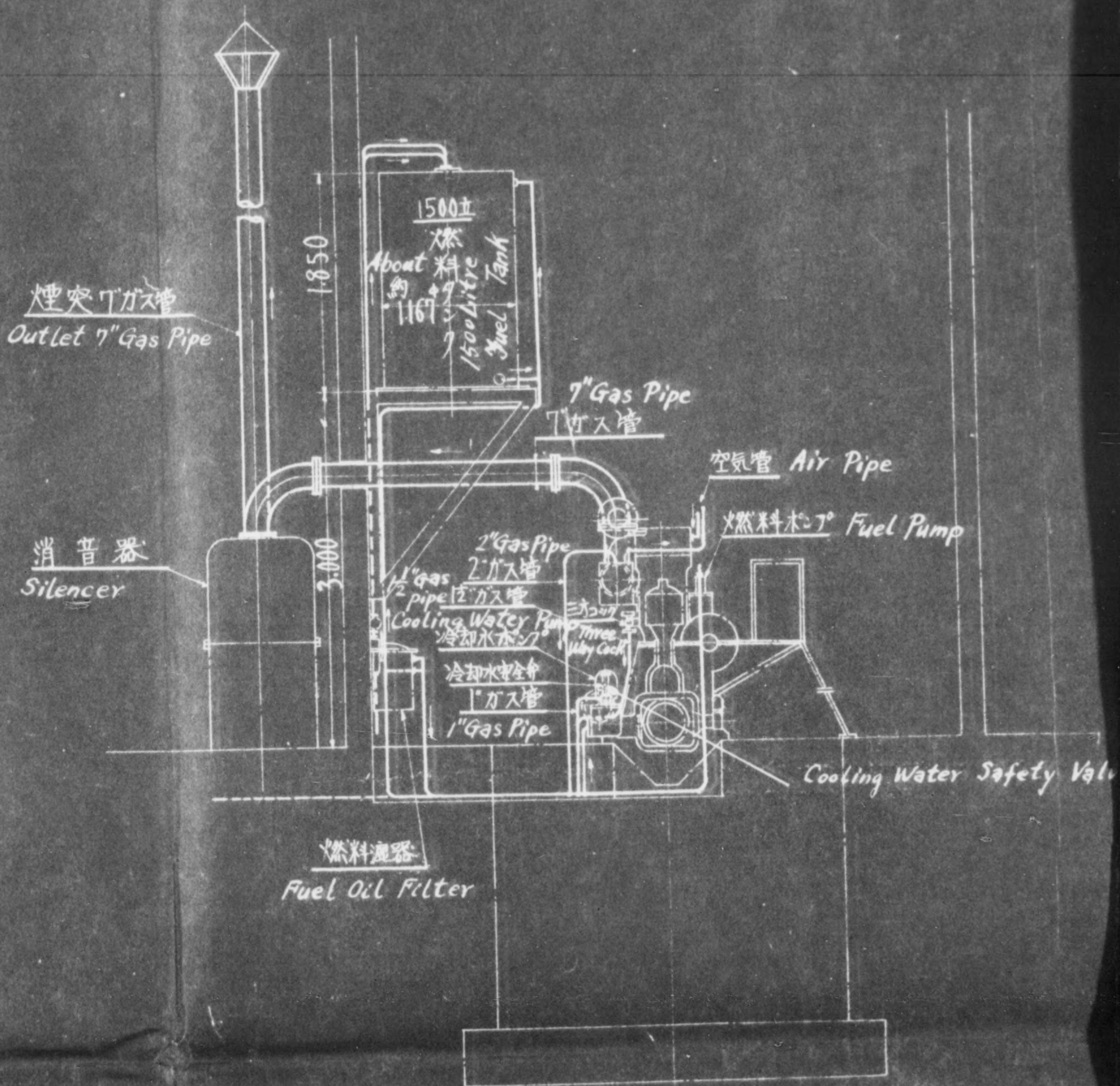
409.56

設計者 〇〇〇



2" Gas Pipe 2" ガス管
For Engine From Water Tank 冷却水槽の主機へ

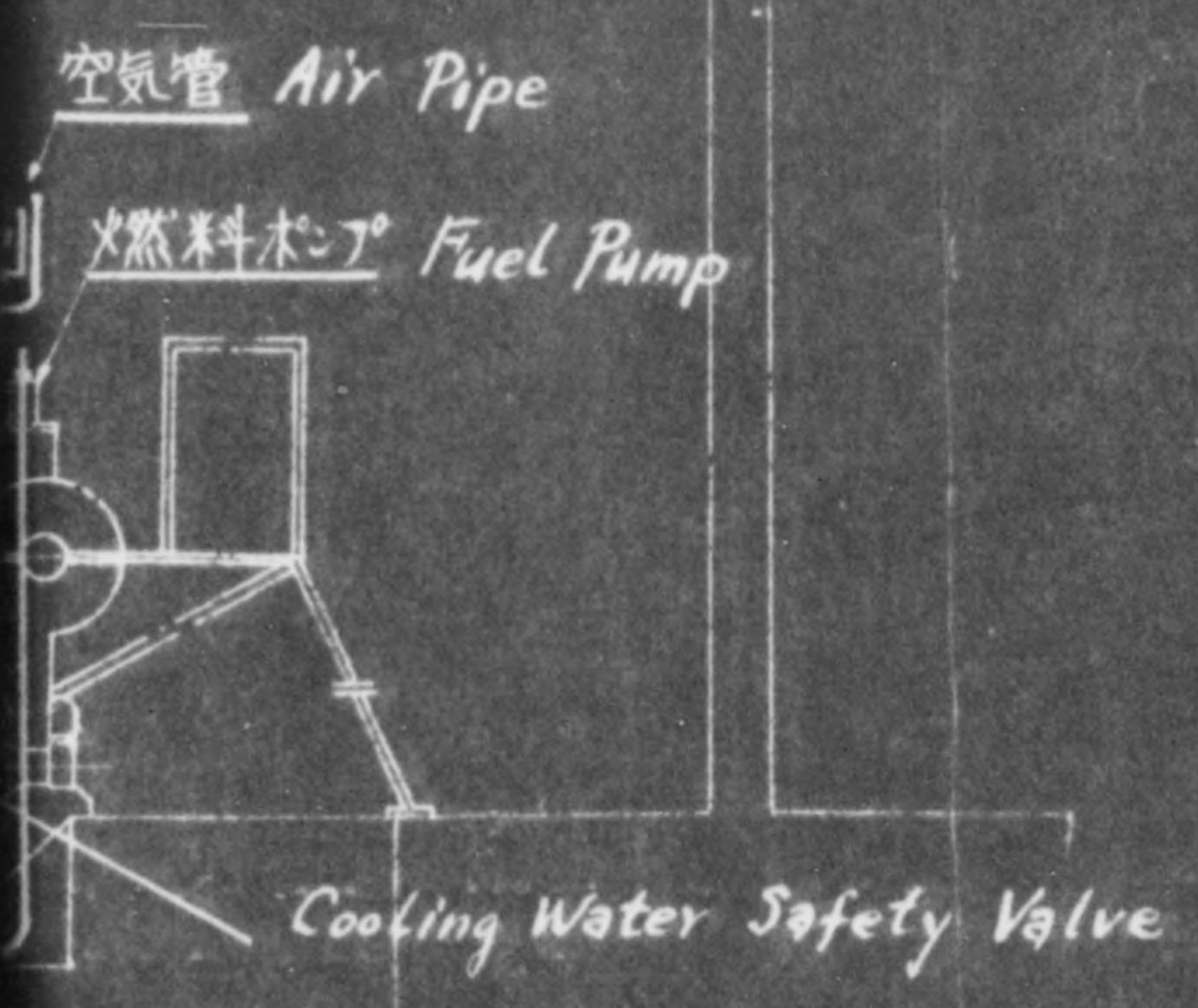
工事 区分 番号	符号	名稱	材質	材料 試驗片 採取 符号	製造個數關係				重 量	
					常備	預備	合計	工場	計 算	
									一個	合計



料 號 取 号	製造個數關係				重 量 (吨)				記 事
	常備	預備	合計	工場	計 算		實 測		
					一個	合計	一個	合計	

圖 面 來 歷

H-923 (内機15-540号)
依リ調製ス



ator Direct Coupled.
Diesel Engine
Piping
No. of Figure
F8818

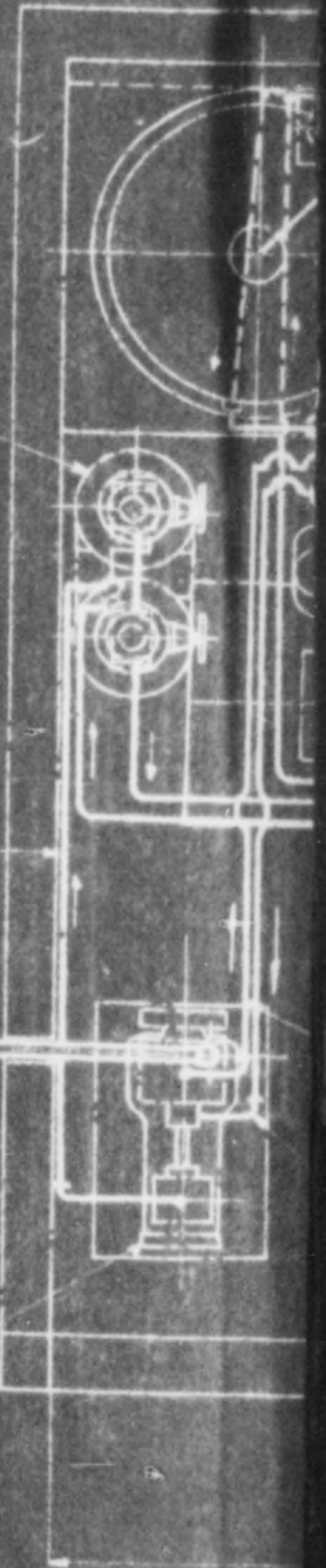
御注意
一 建築
再 察

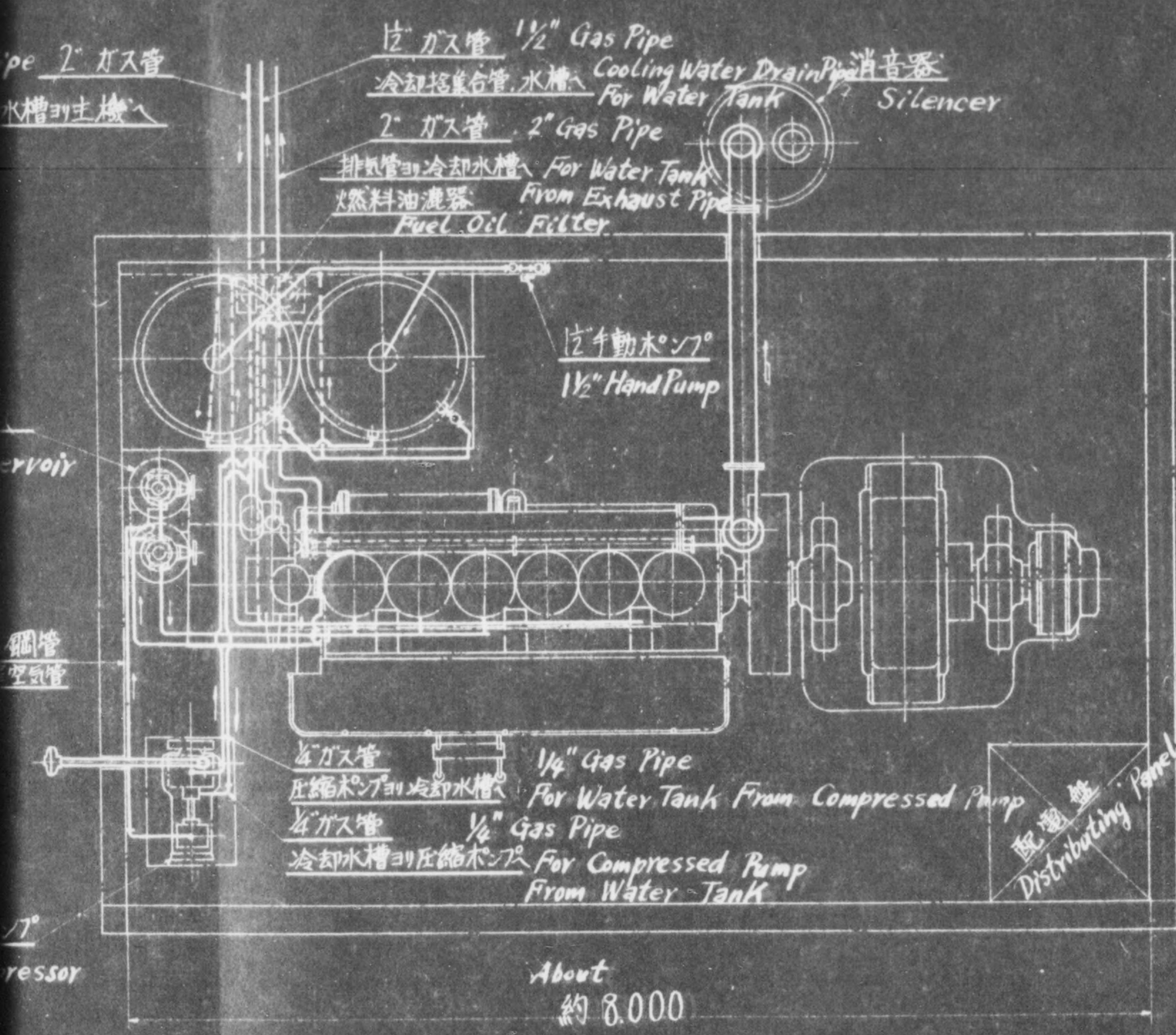
For Engine 2" Gas Pipe 2" ガス管
From Water Tank 冷却水槽の主機へ

起動気蓄器
Starting Air Reservoir

10/16 Steel Pipe 10/16 鋼管
Compressed Air 圧搾空気管
Pipe

4HP 空気圧搾機 4HP
4HP Air Compressor





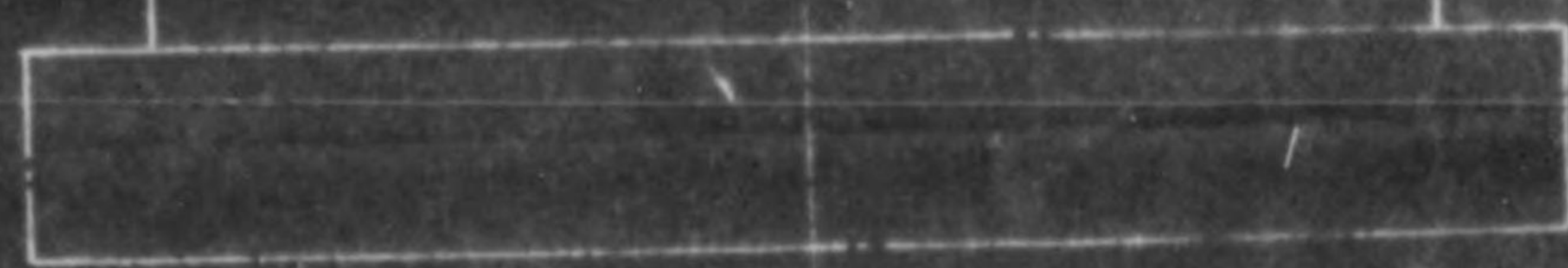
2" Gas Pipe
Water Tank to Engine

Reservoir

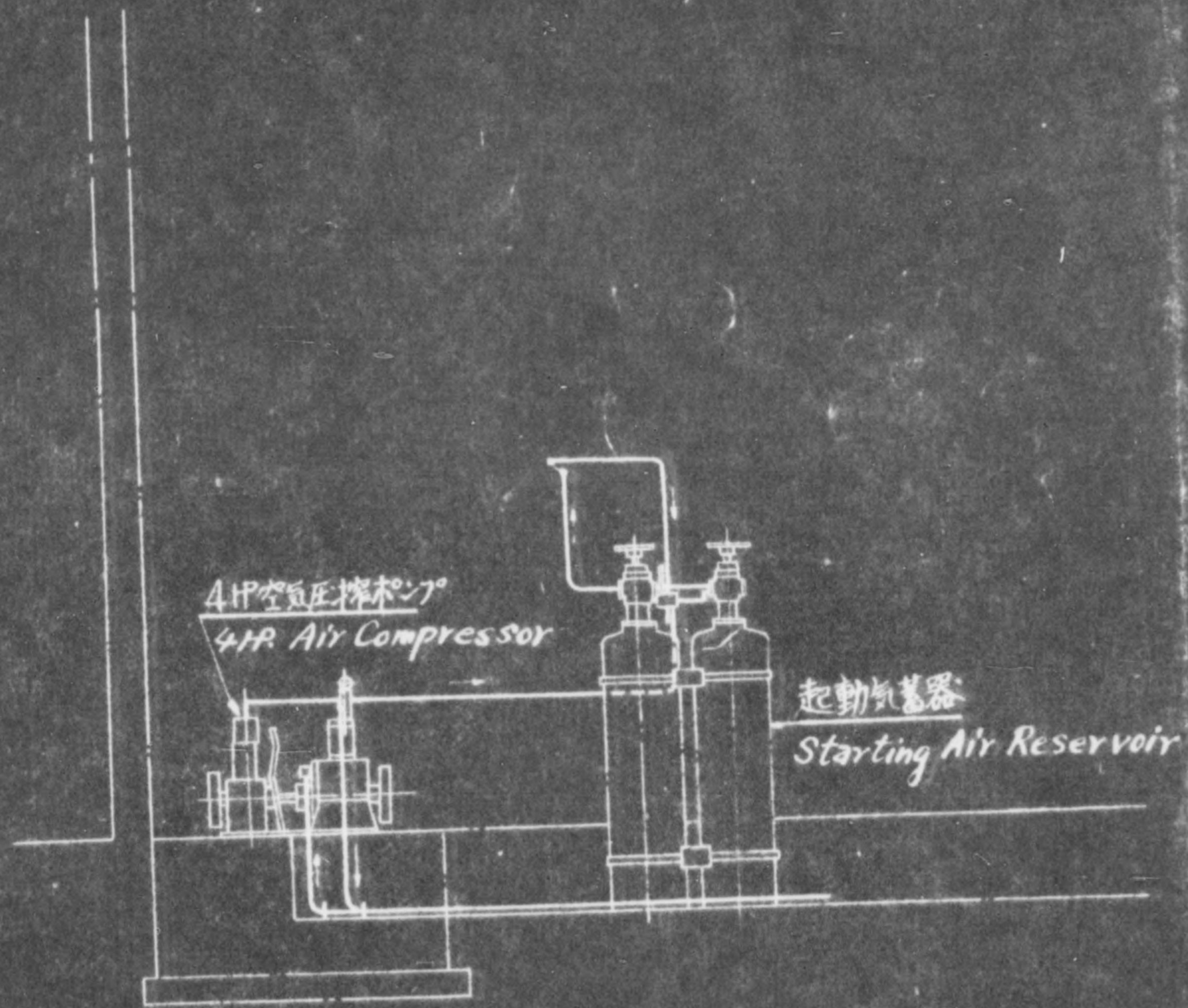
Compressor
Air Pipe

Compressor

About 約 5.000



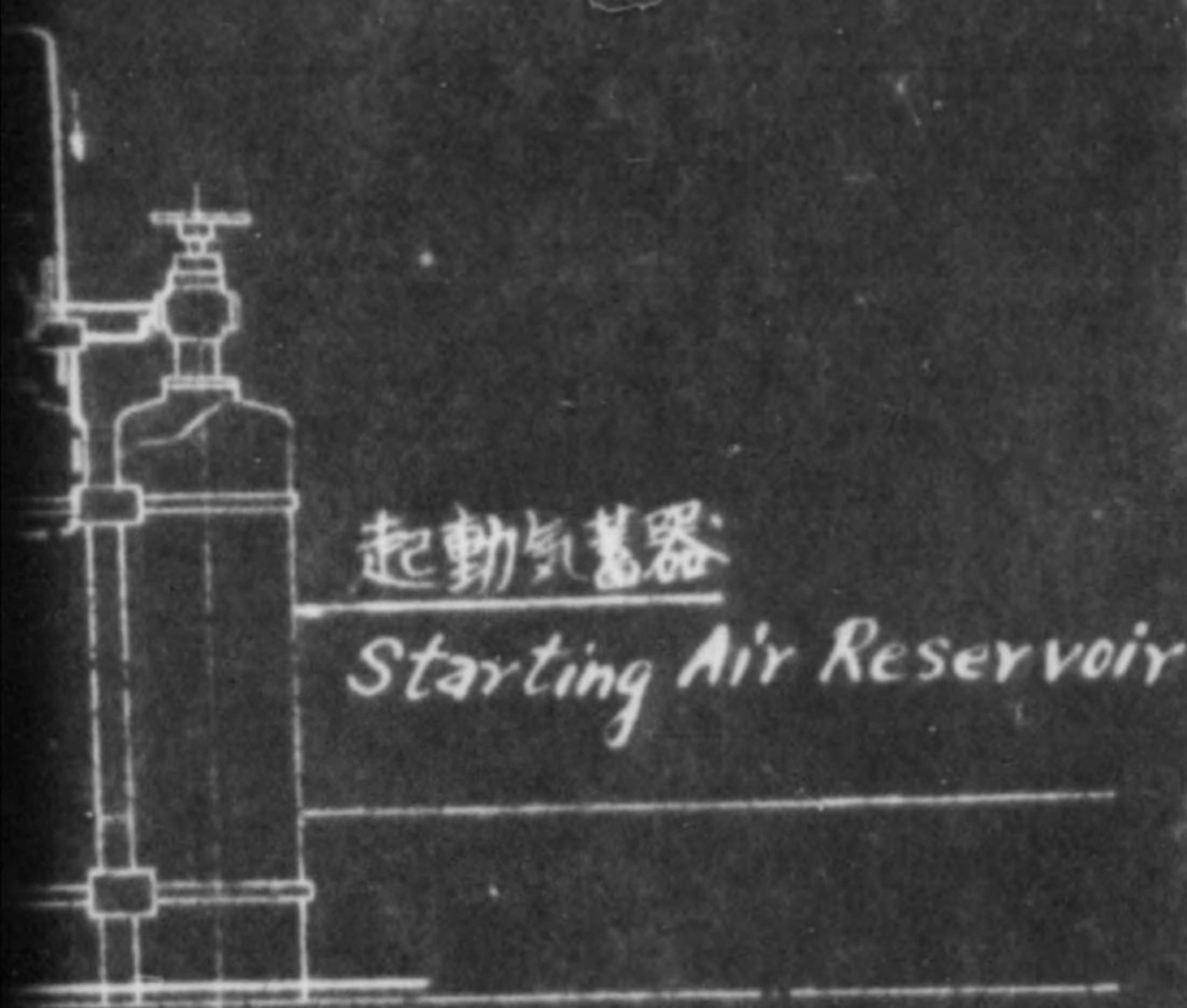
175000



適用
6SD29型

御注意

一 建家約四。平方米位、却予定ナルモ本図、如ク少シ狹隘ナリト
 拜察致サレ候間、却参酌、上適宜ニ擴張願上候



起動氣蓄器

Starting Air Reservoir

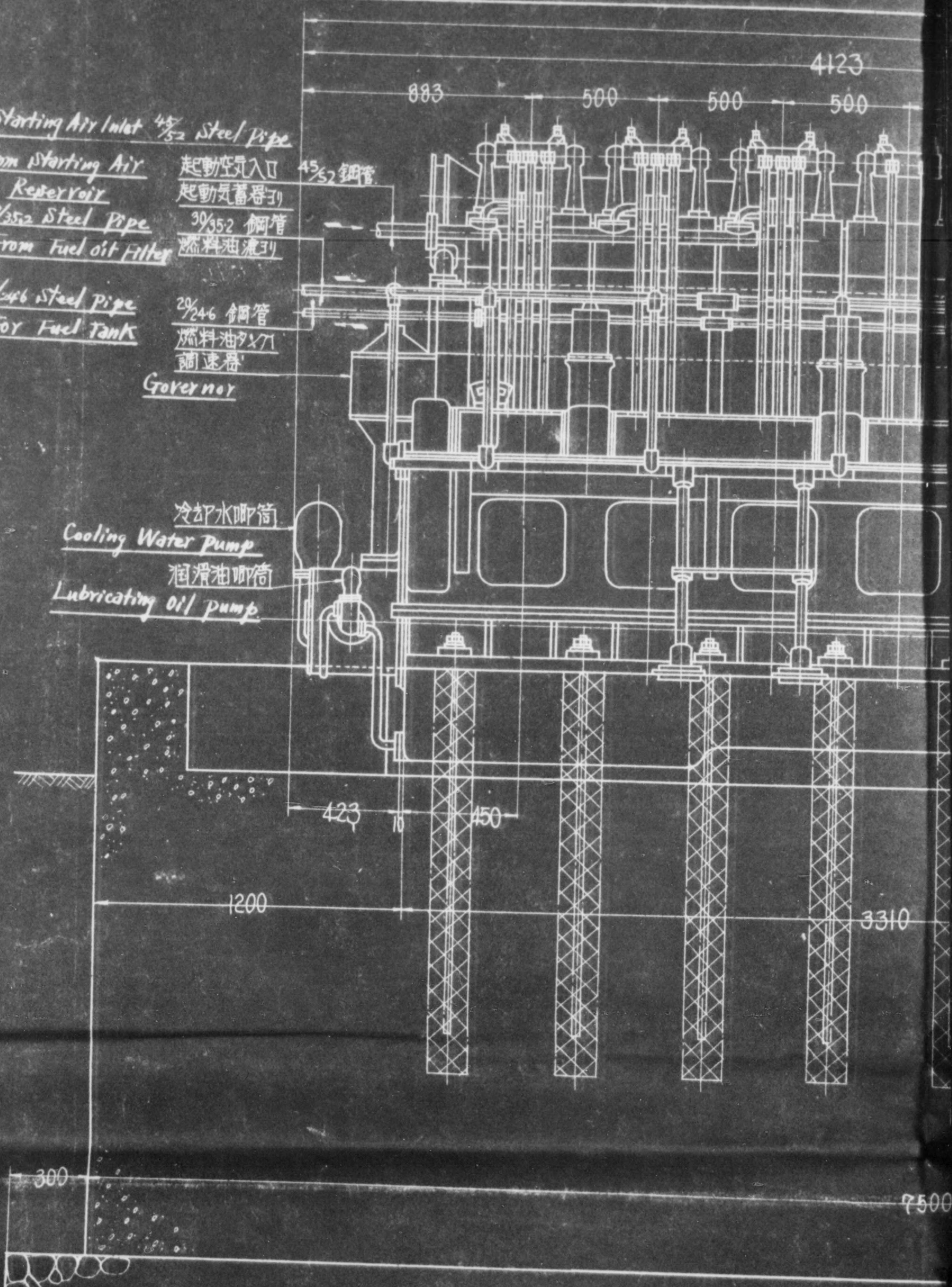
適用機械	
6SD29型	

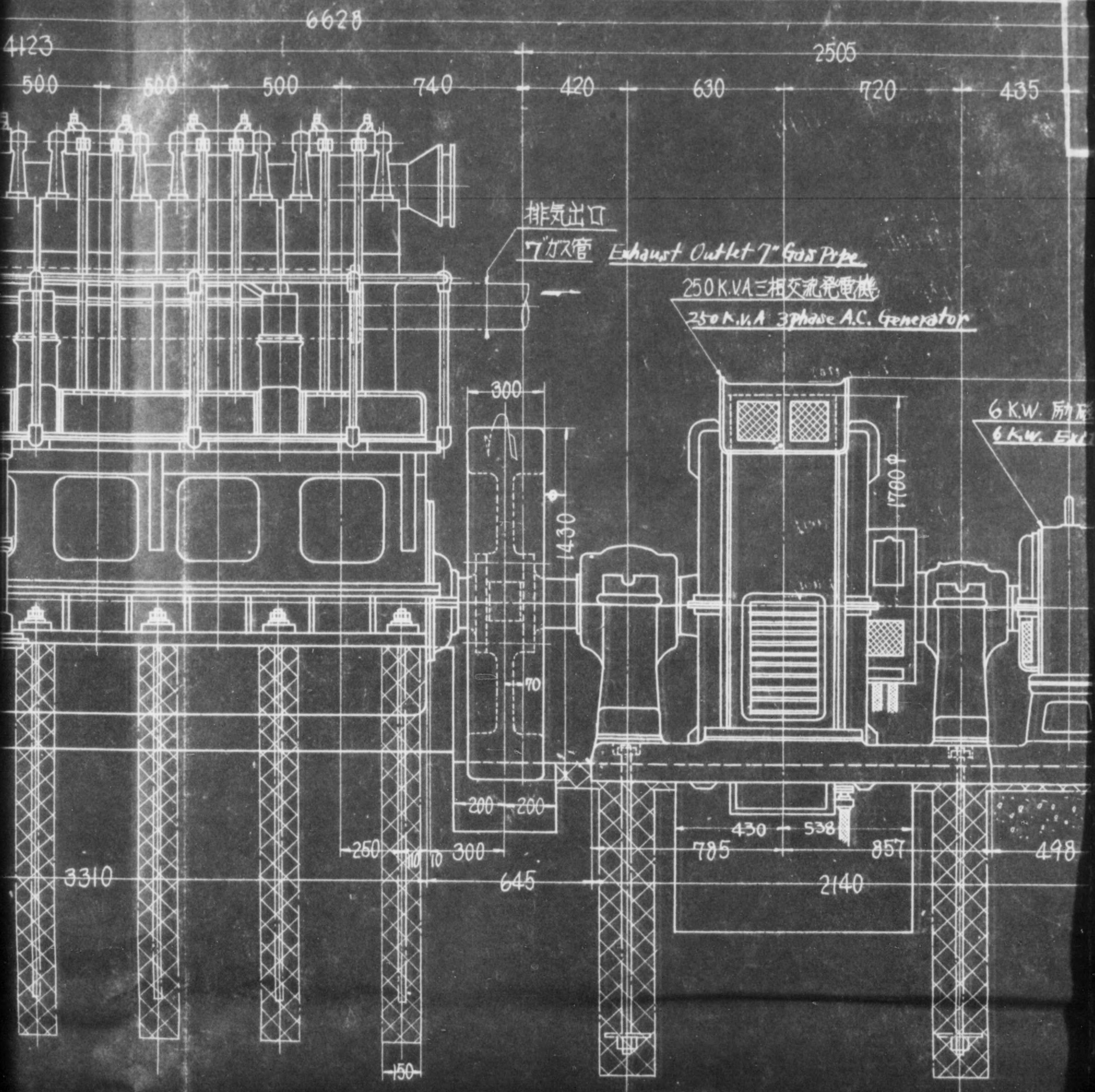
油試引換

250 kVA, 3 Phase A.C. Generator Direct Coupled. 6 Cylinder 360 HP. Non Blast Air Oil Jet Diesel Engine Setting and Piping		Scale	Maker	No. of Figure
		1/50	Ikegai Iron Work	F8818
Allocation Notice No.				
3-51				
Name of Plant				
Sasebo				
Inventory No.				
27-3-3764				
4 Sheet of				
4 Sheets				

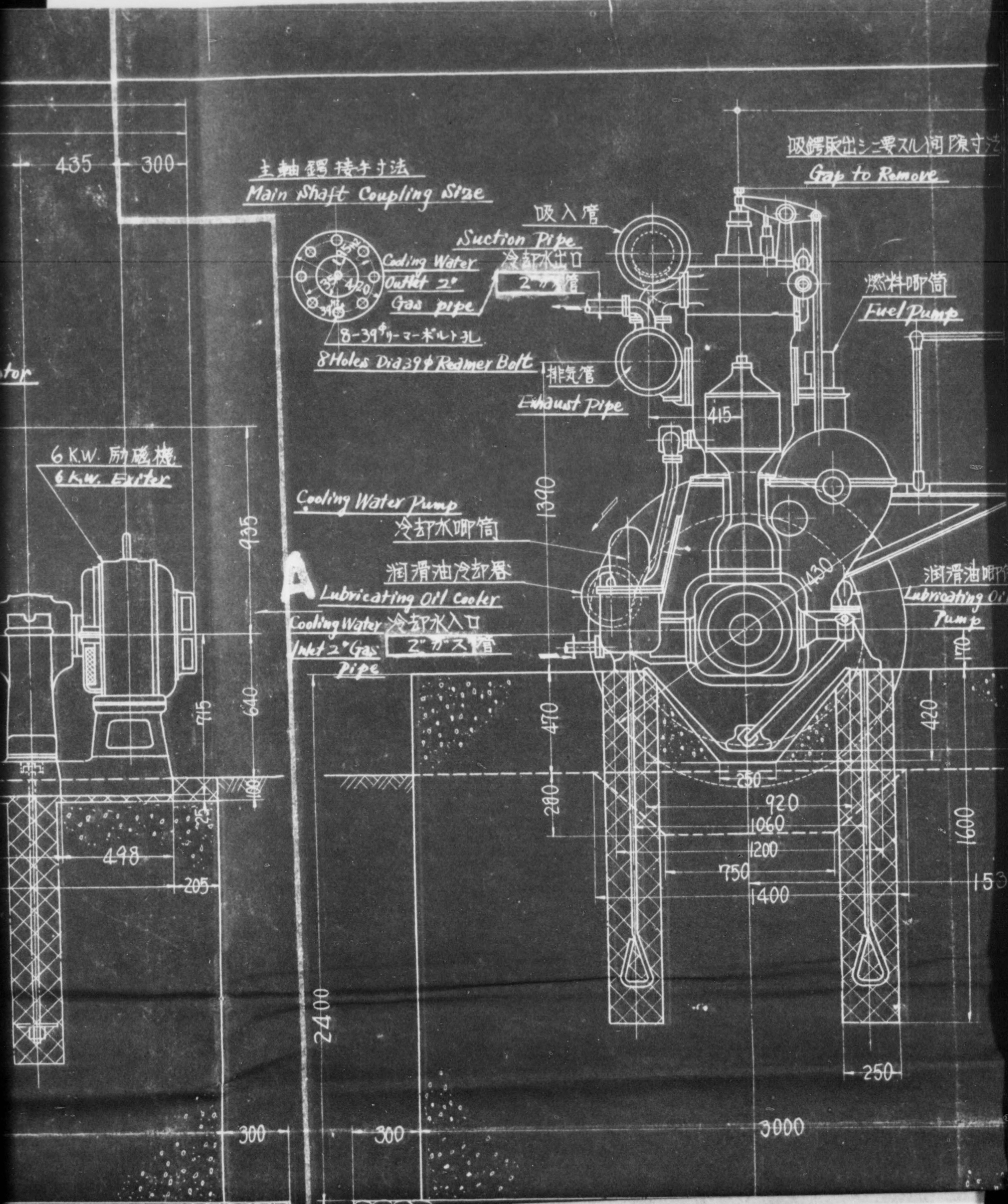
Starting Air Inlet $\frac{45}{52}$ Steel Pipe
 From Starting Air Reservoir 起動空氣入口 $\frac{45}{52}$ 鋼管
 $\frac{30}{352}$ Steel Pipe 起動氣蓄器到 $\frac{30}{352}$ 鋼管
 From Fuel oil Filter 燃料油濾到 $\frac{20}{246}$ 鋼管
 $\frac{20}{246}$ Steel Pipe 燃料油到 $\frac{20}{246}$ 鋼管
 For Fuel Tank 調速器
 Governor

冷却水唧筒
 Cooling Water Pump
 潤滑油唧筒
 Lubricating oil pump



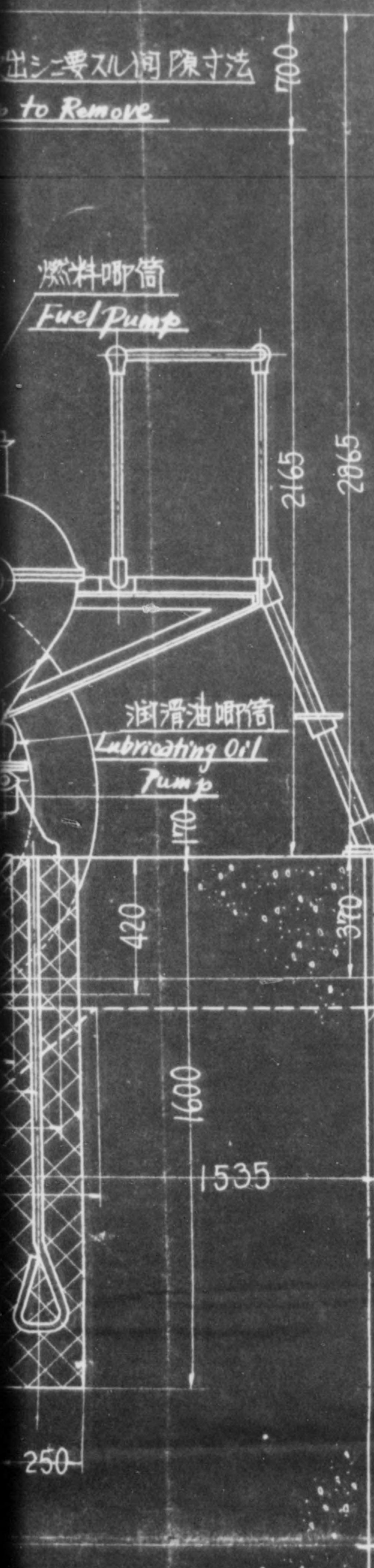


7500



符号	名称	枝数	實個	製造個數	木型番号	試験採符	片取号	重量(個)		備
								計算	實測	

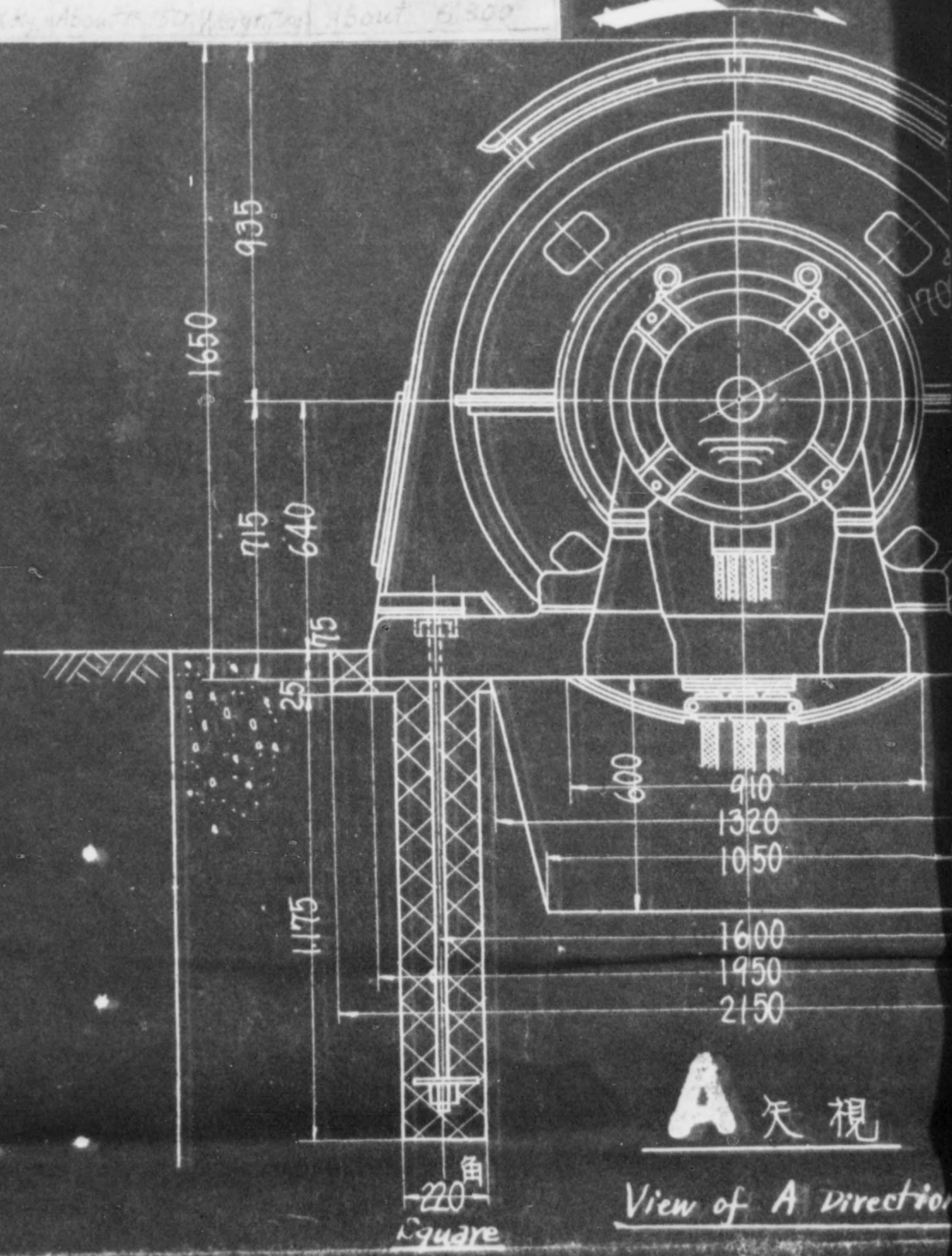
出シ要スル間隙寸法
to Remove



PARTICULAR

品名	寸法	材料	数量
シリンダ	300	鋼	1
ピストン	200	銅	2
クランク	400	鋼	1
ベアリング	350	鋼	6
その他			約 500

Note.
Cement in the Marked
After setting.



A 矢視


View of A direction

型番号	試験片 採取 符号	重量(個)		備考	工具及ゲージ番号
		計算	實測		

図面來歴

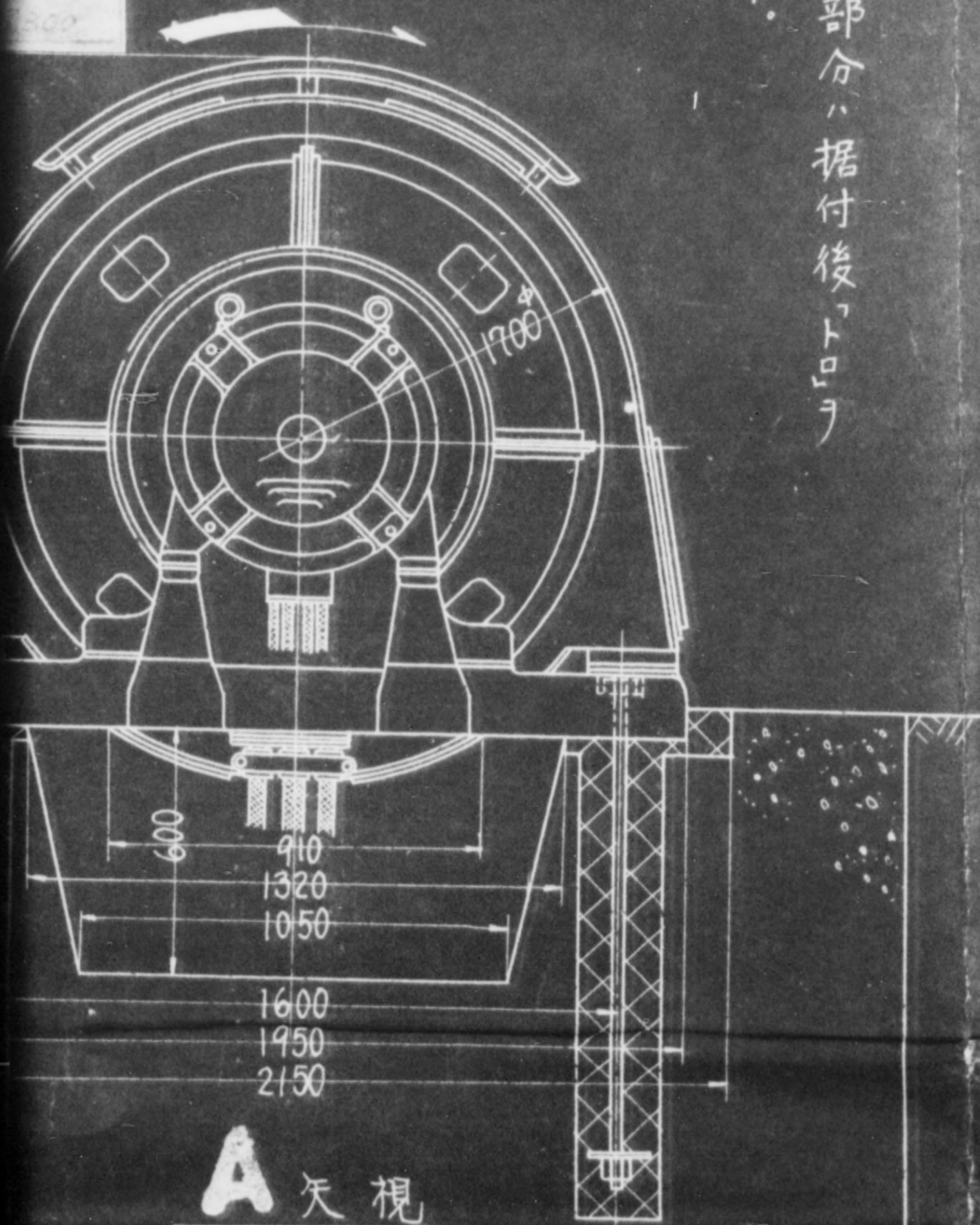
H923(内機 15-540号)=依信國
製又(前図 F-8536)

Note.

Cement in the Marked Area ()
After setting.

流入
ノット.

備考
一  印
部分ハ据付後
トロー

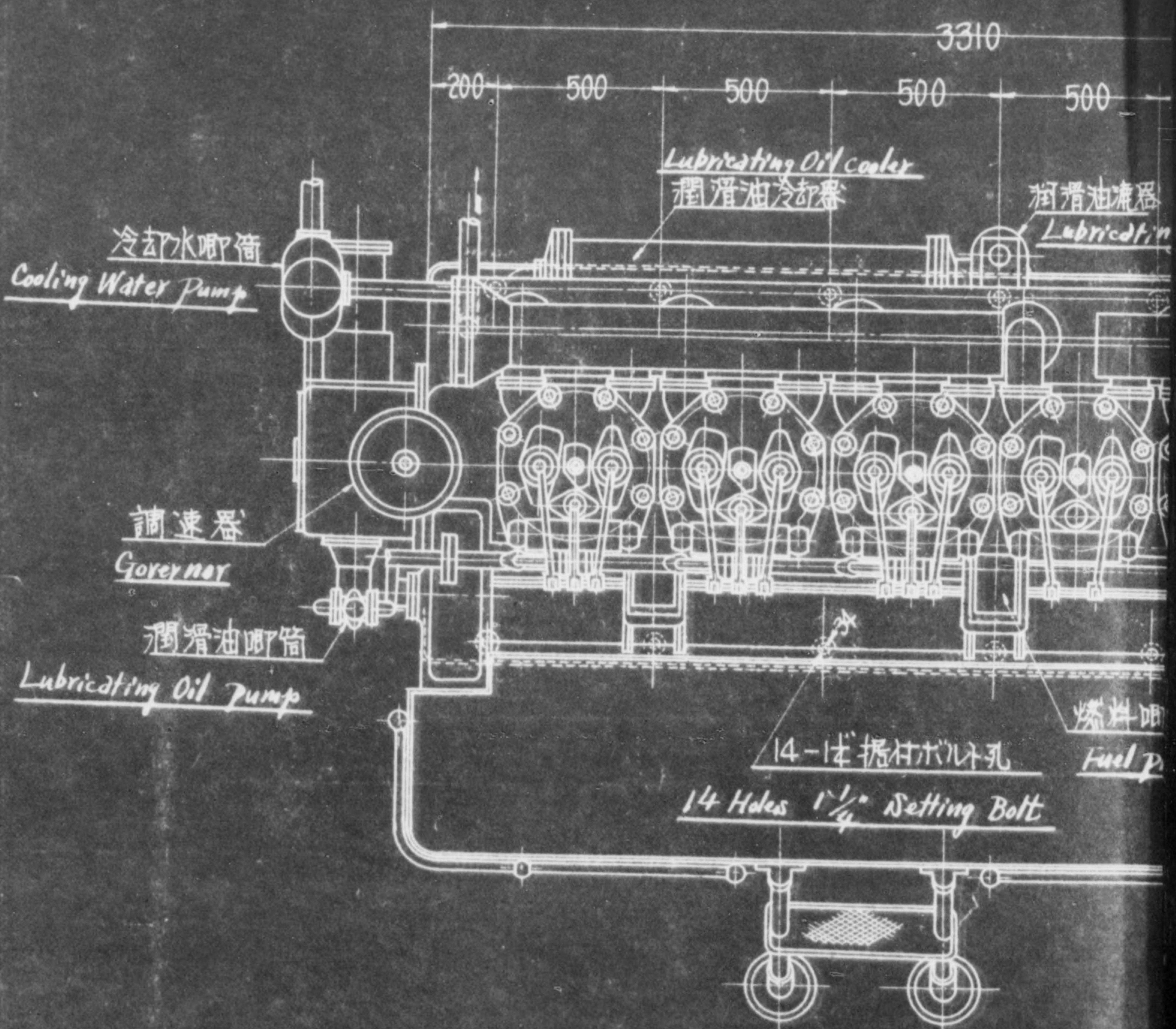
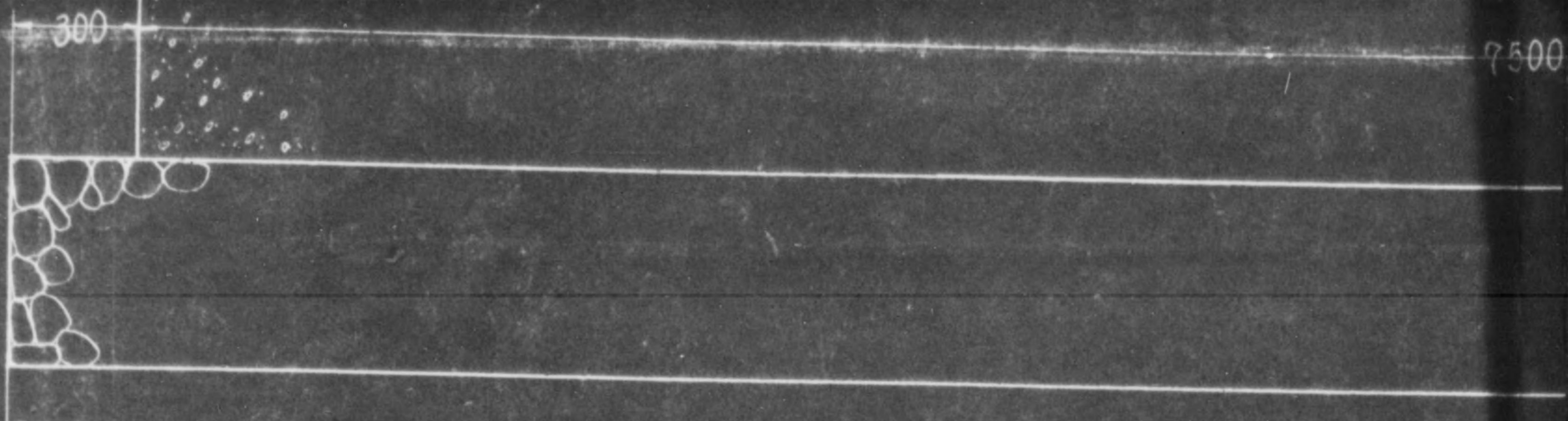


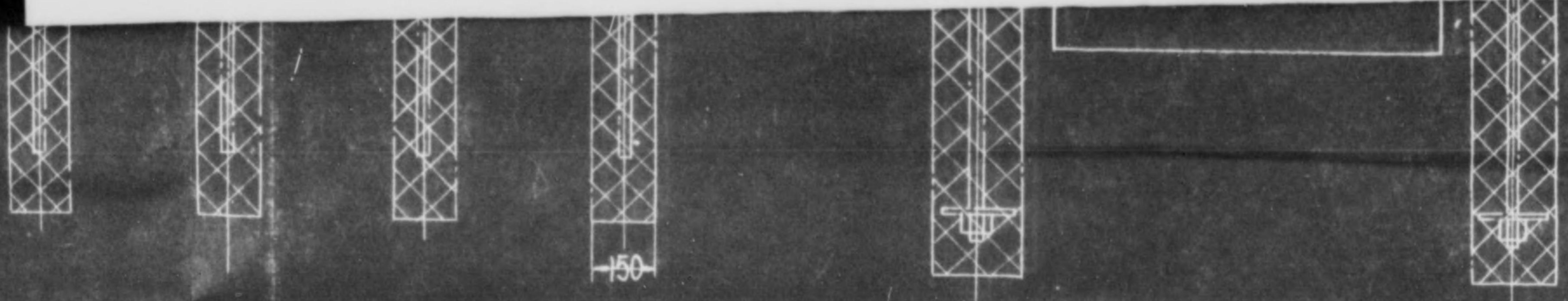
A 矢視

View of A direction

水 圧
試験力

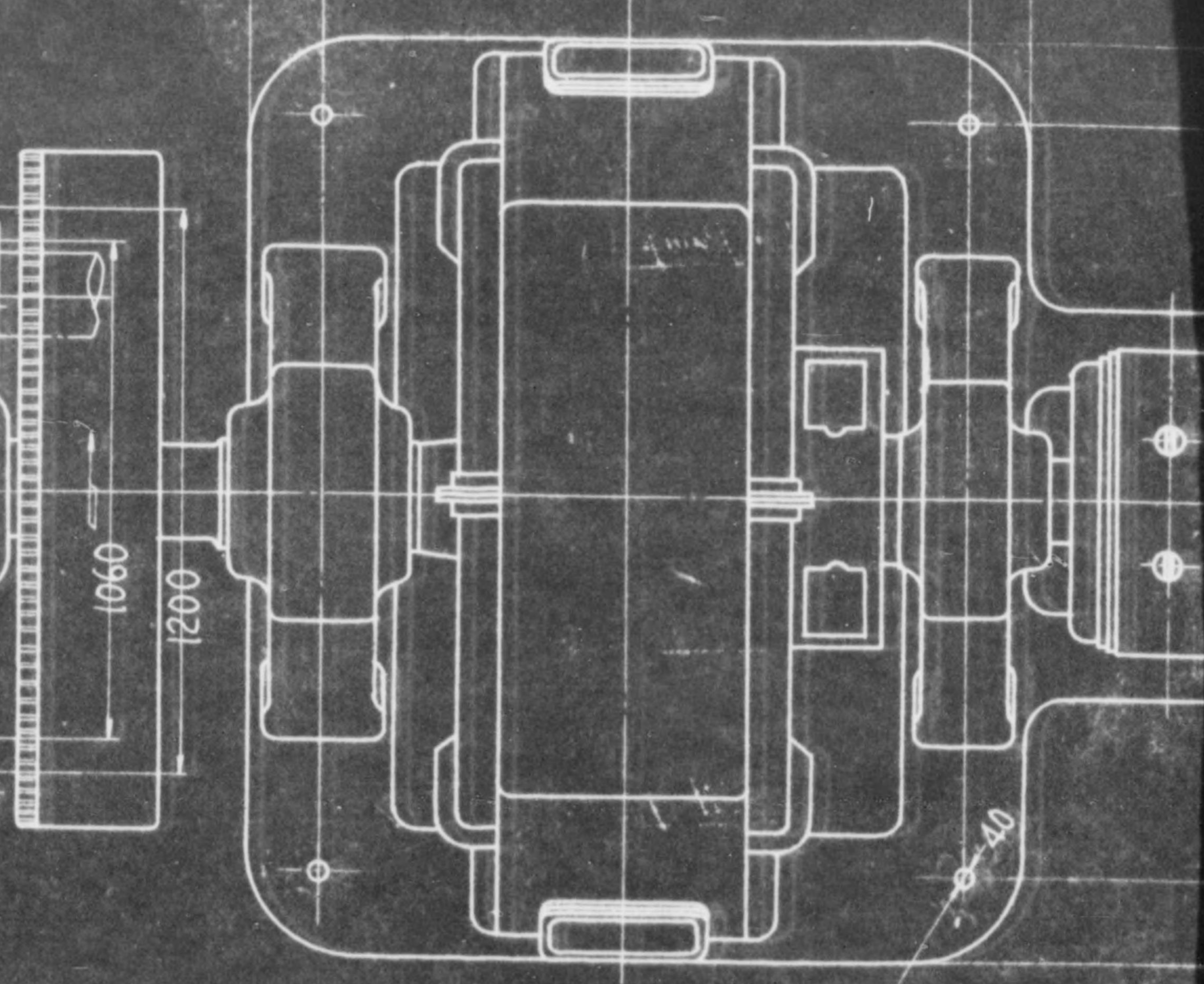
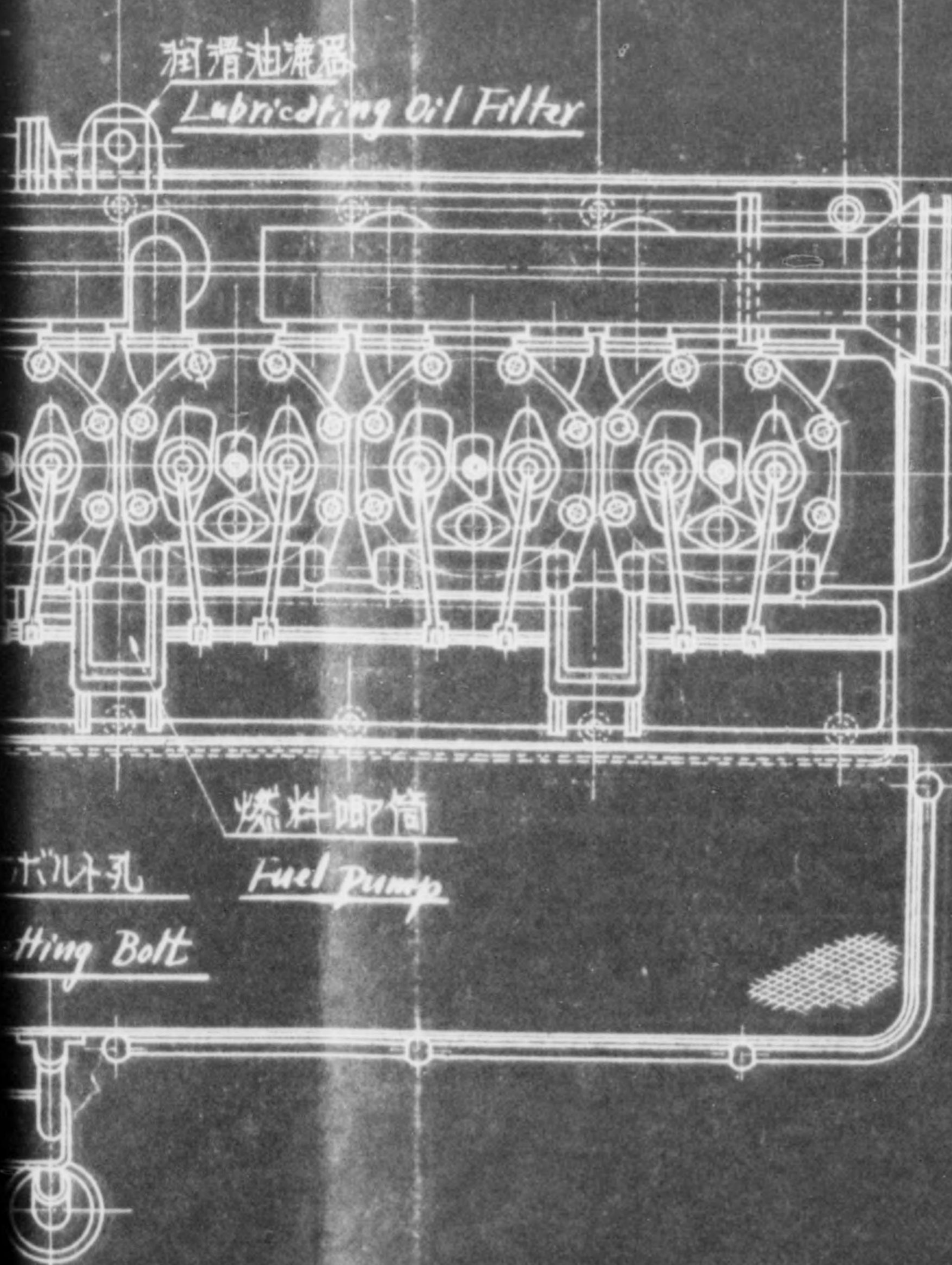
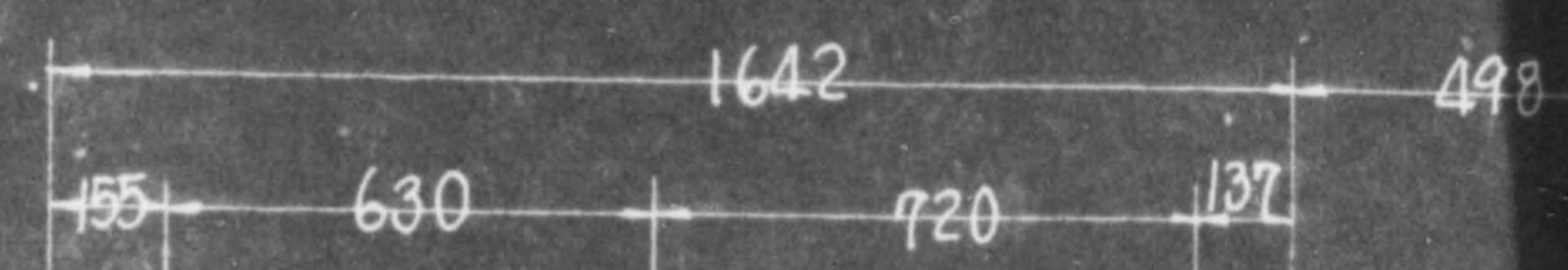
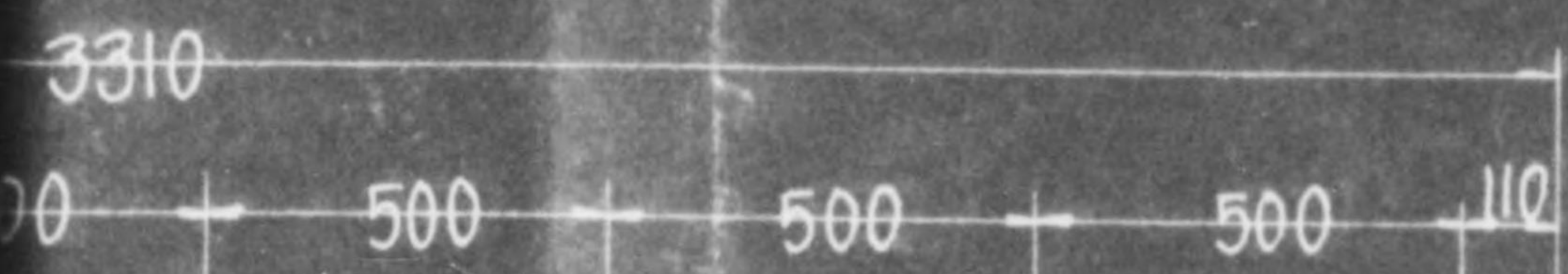
Direct Coupled.
sel Engine
lation
of Figure
58821



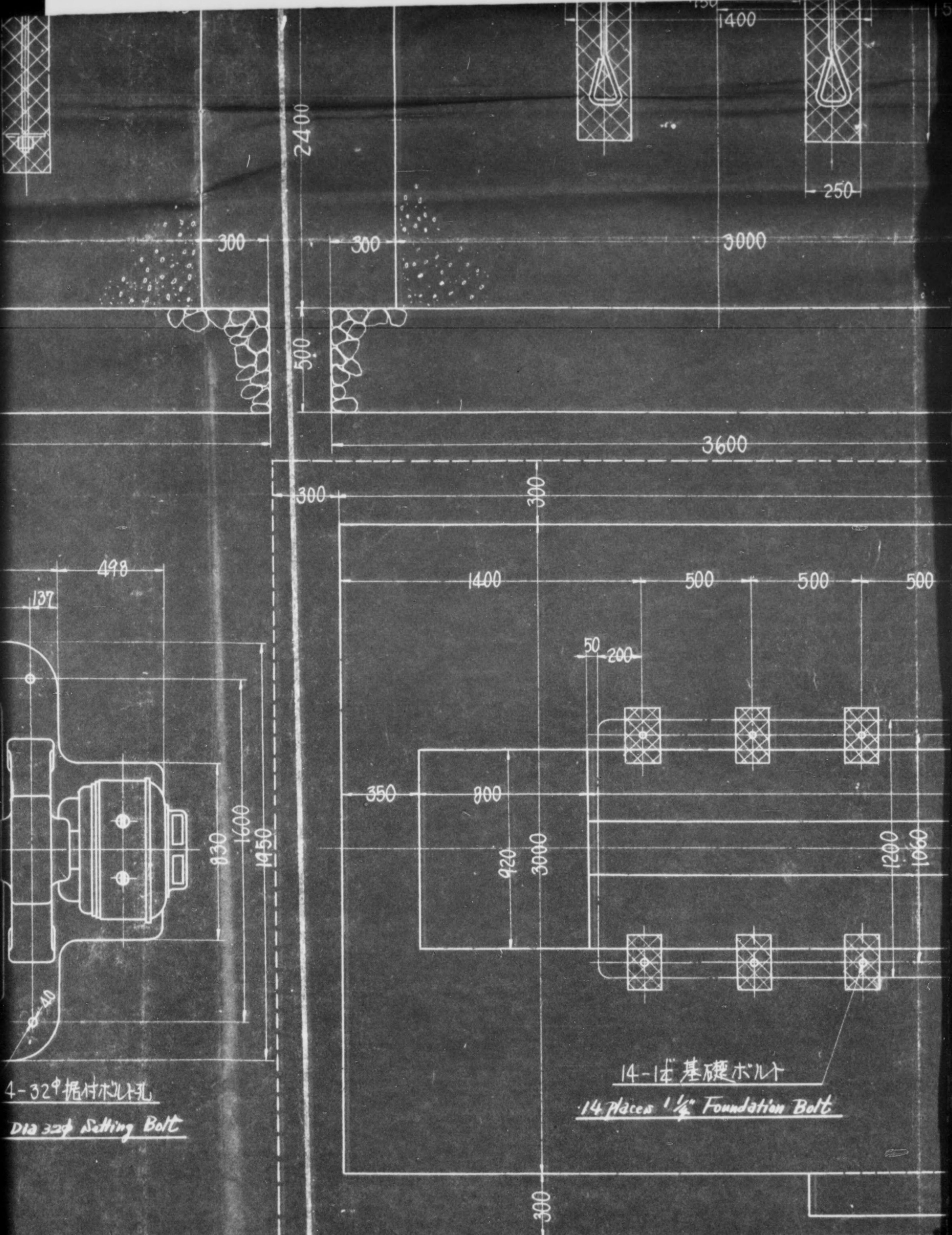


7500

8100

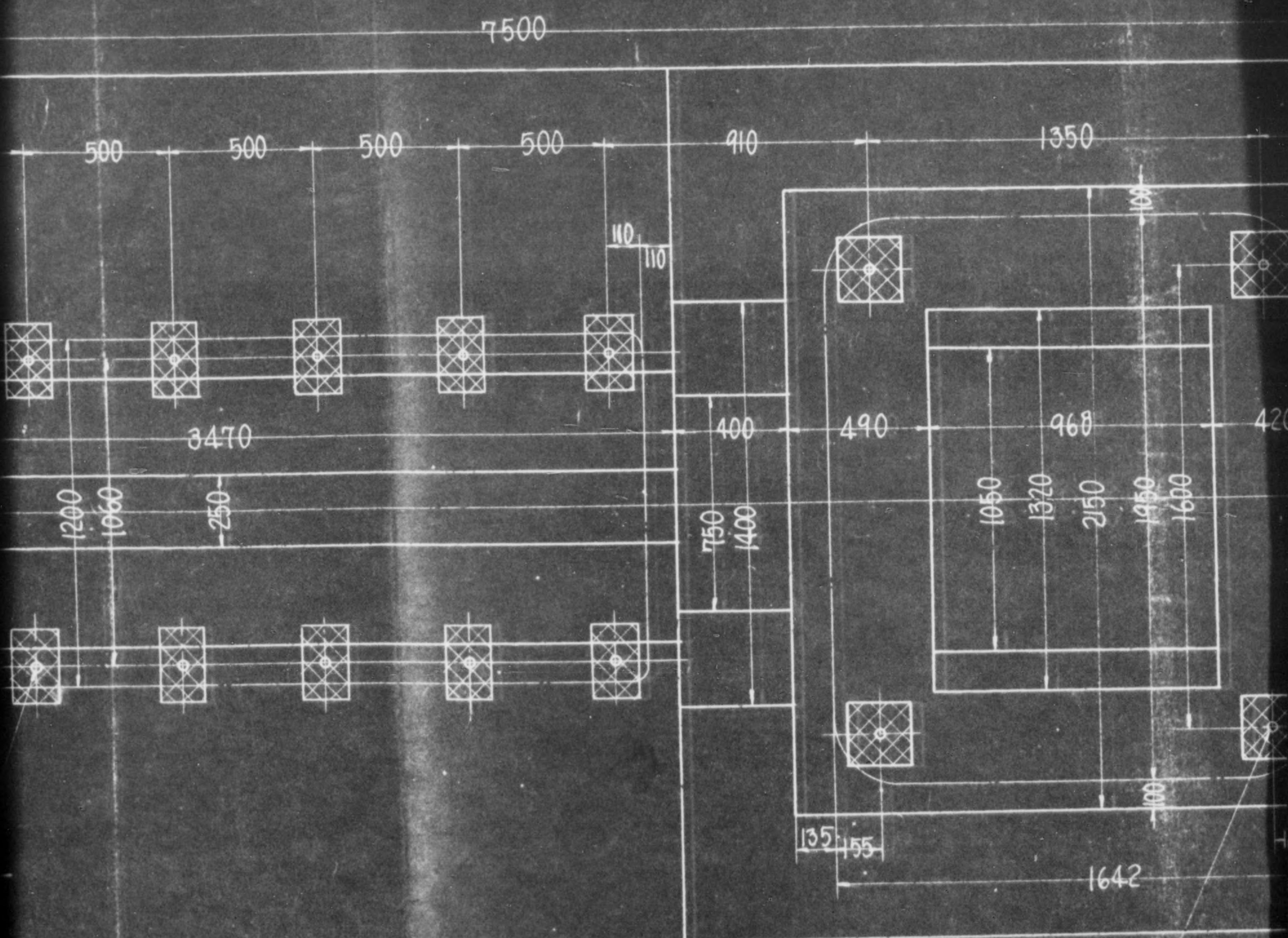
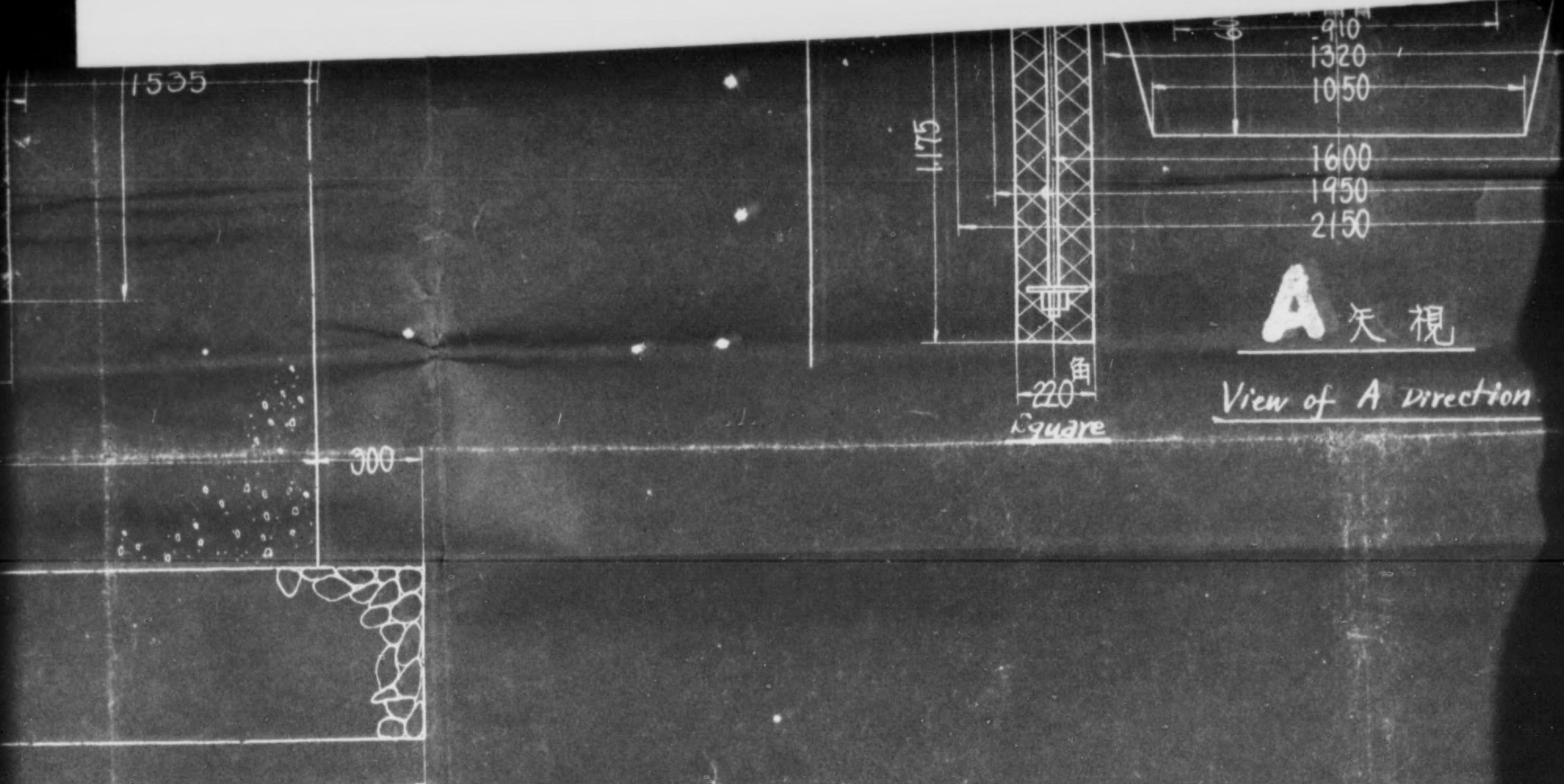


4-32φ 掘付ボルト
4 Holes Dia 32φ Setting

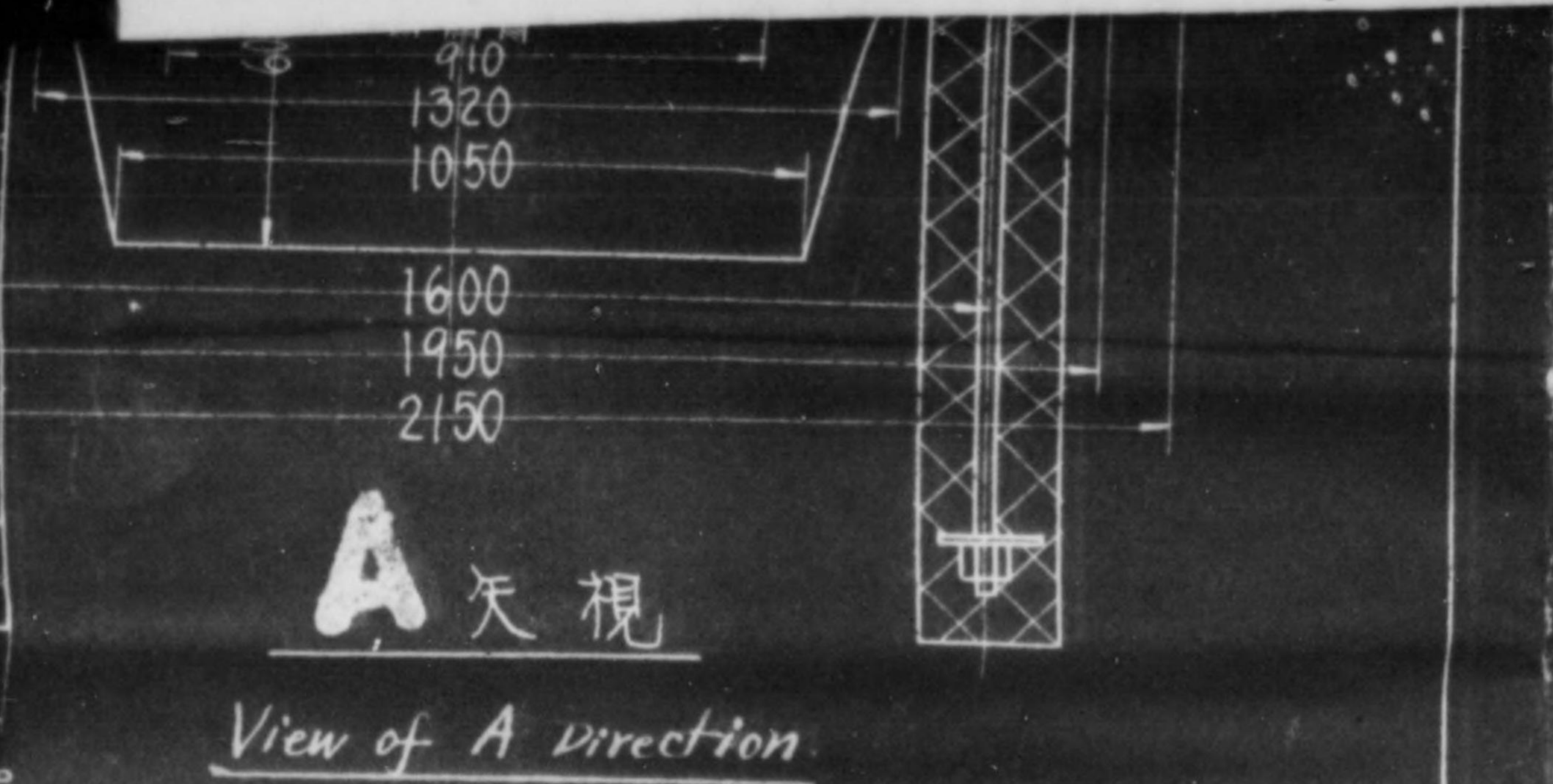


4-32φ 据付ボルト孔
 Dia 32φ Setting Bolt

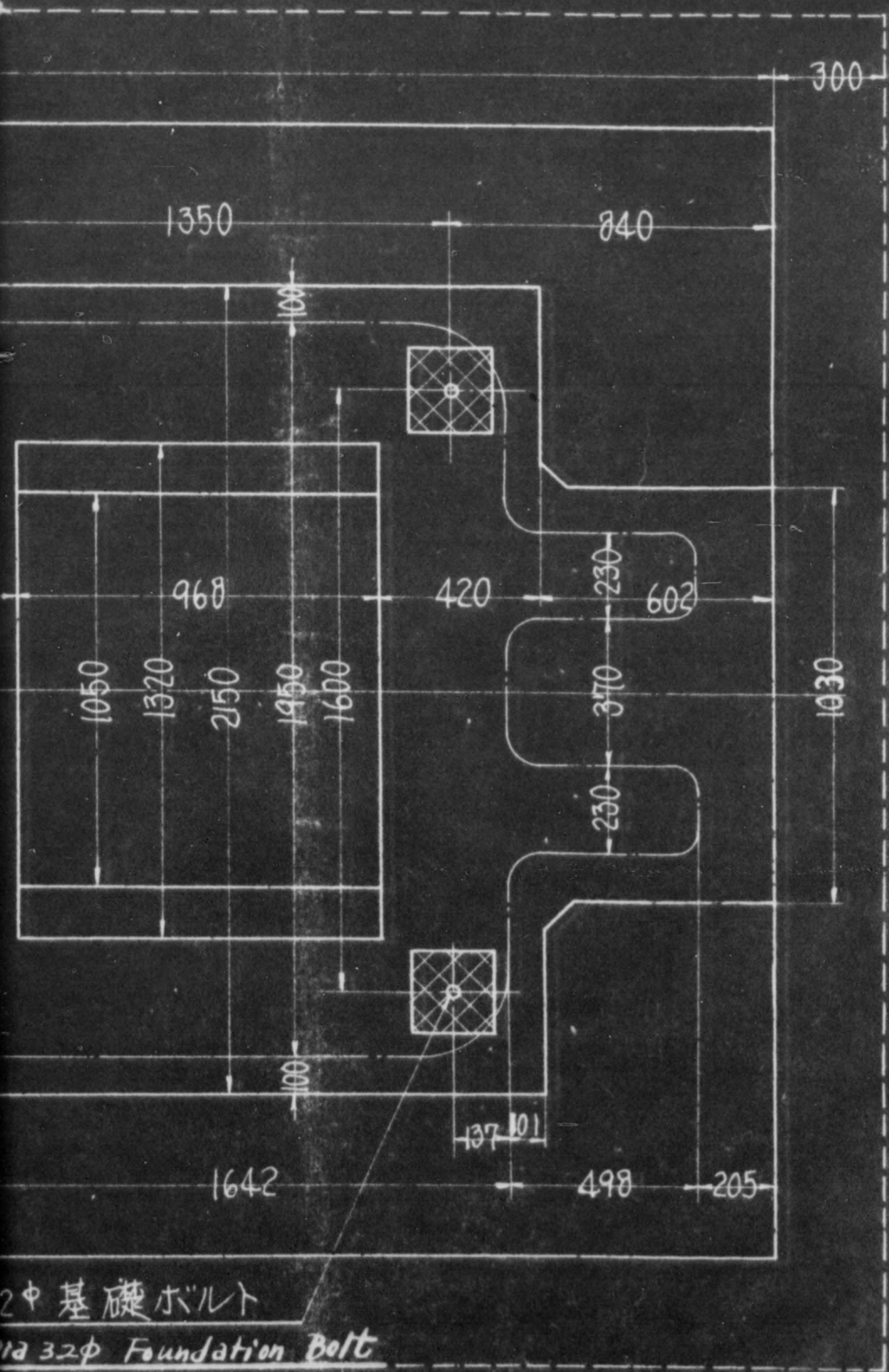
14-1本基礎ボルト
 14 Places 1 1/4" Foundation Bolt



4-32中基礎ボルト
4 places Dia 32φ Foundation Bolt

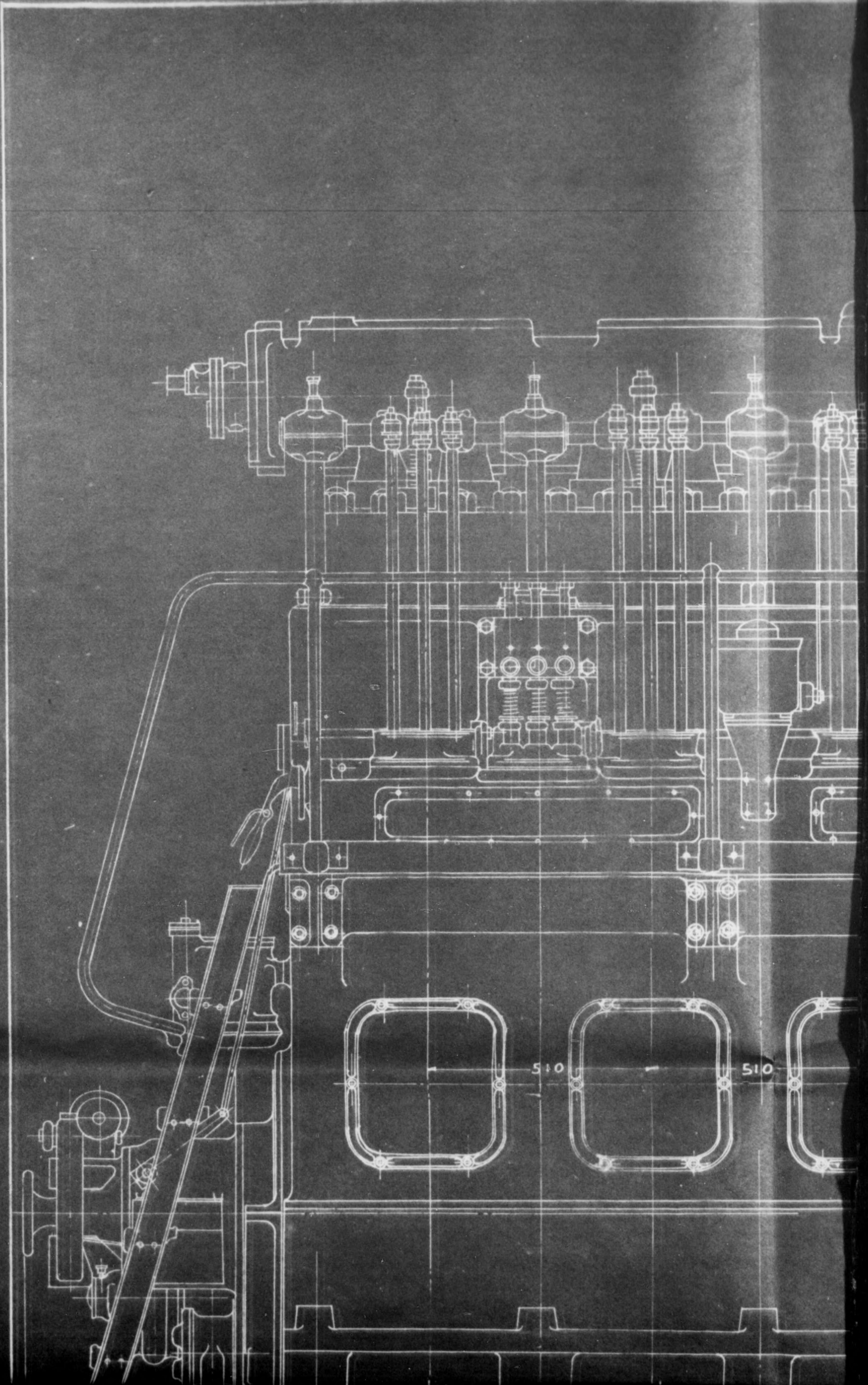


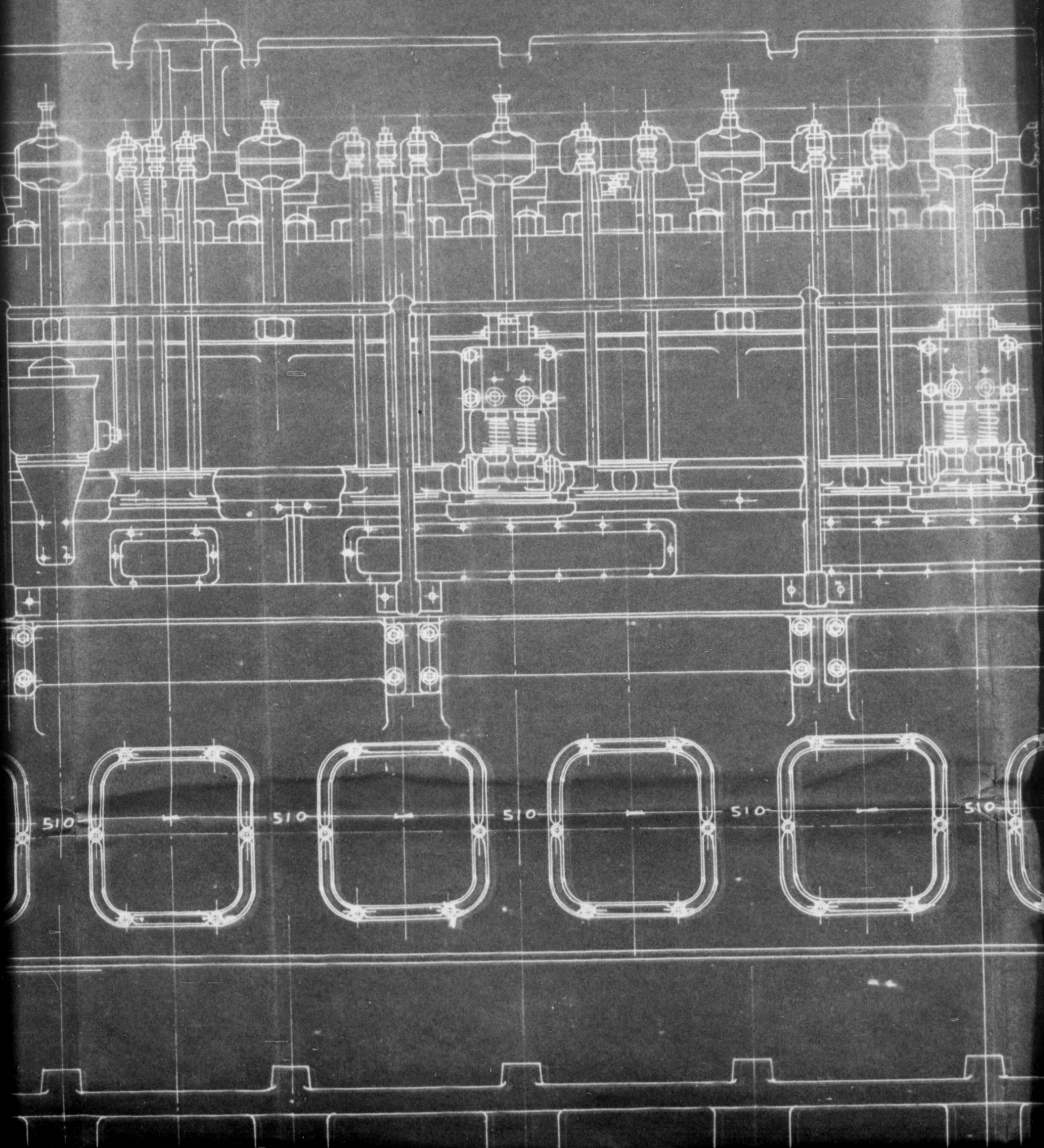
水 圧
試 験 力

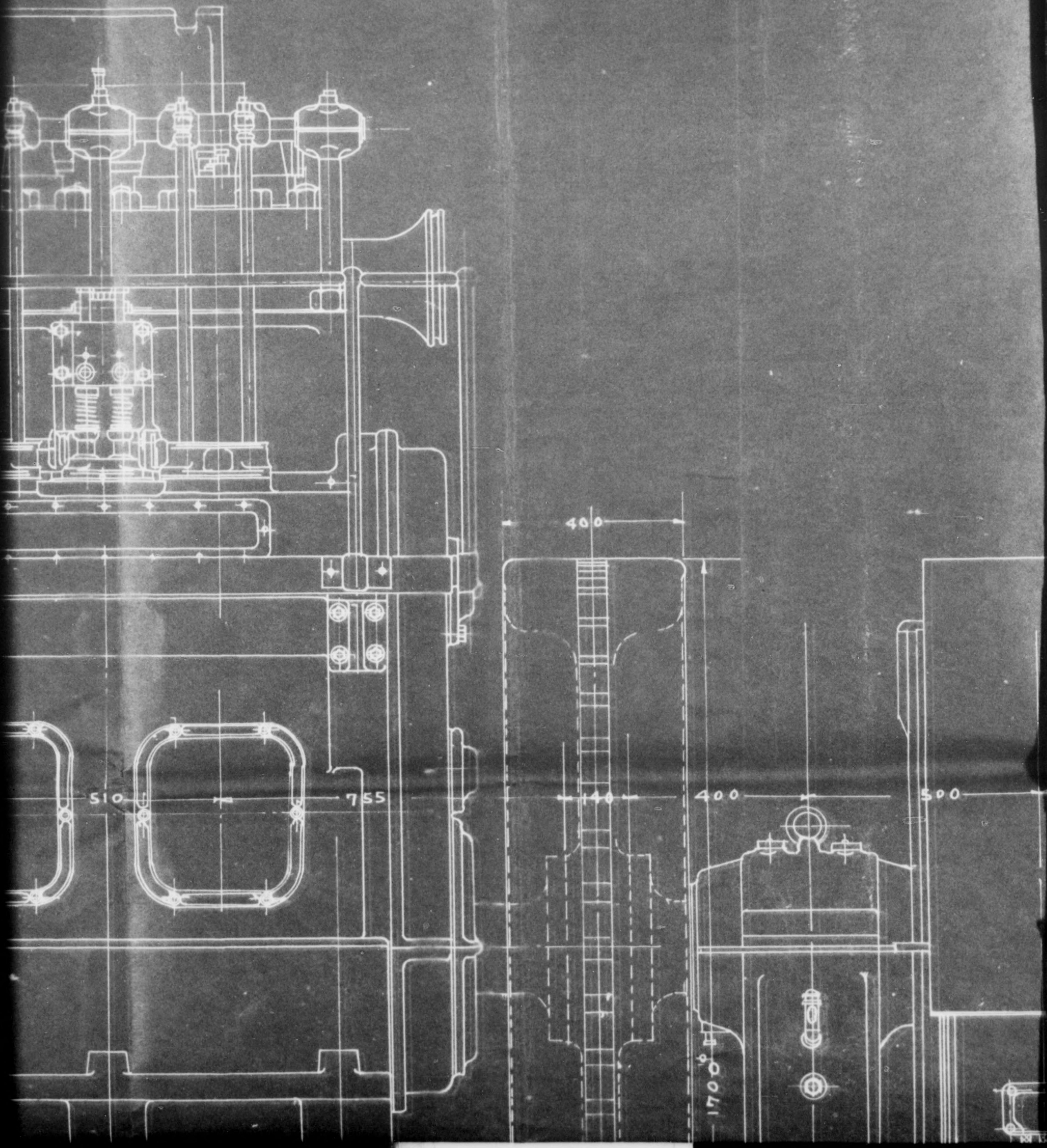


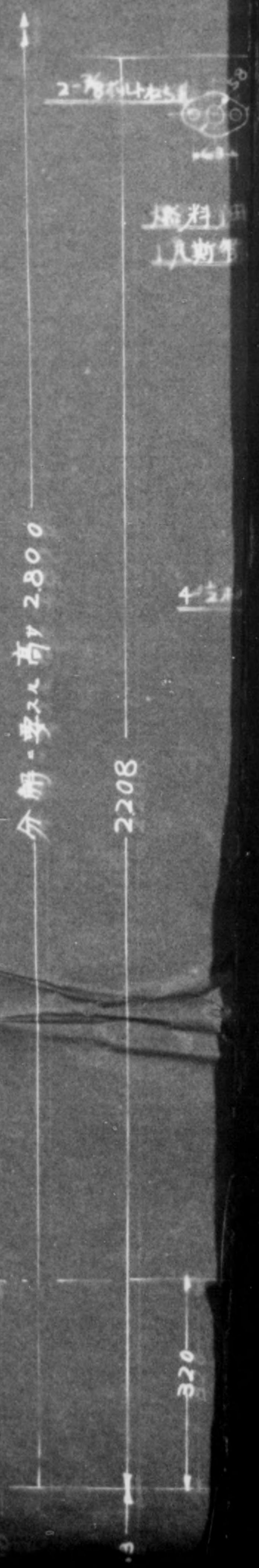
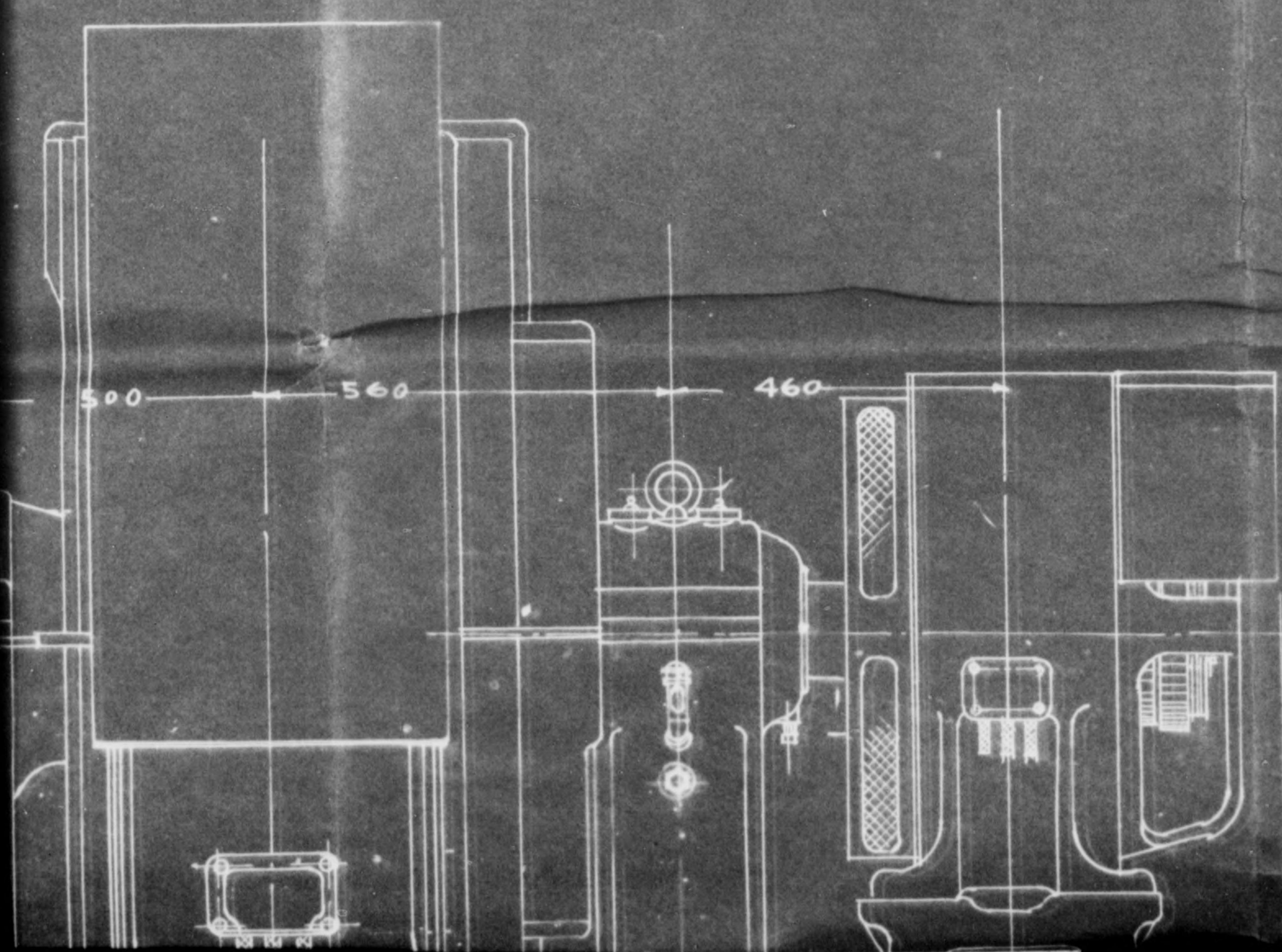
2中基礎ボルト
2φ32φ Foundation Bolt

Allocation Notice No.	3-51	Inventory No.	27-3-3764	2 Sheet of 4 Sheets
Name of Plant	Sasebo	Scale	1/20	
Name of Figure	250kVA 3Phase A.C. Generator Direct Coupled. 6 Cylinder 360HP. Non Blast Air Oil Jet Diesel Engine	Maker	Ikegai Iron Works	
No. of Figure	Assemble Foundation		F8821	

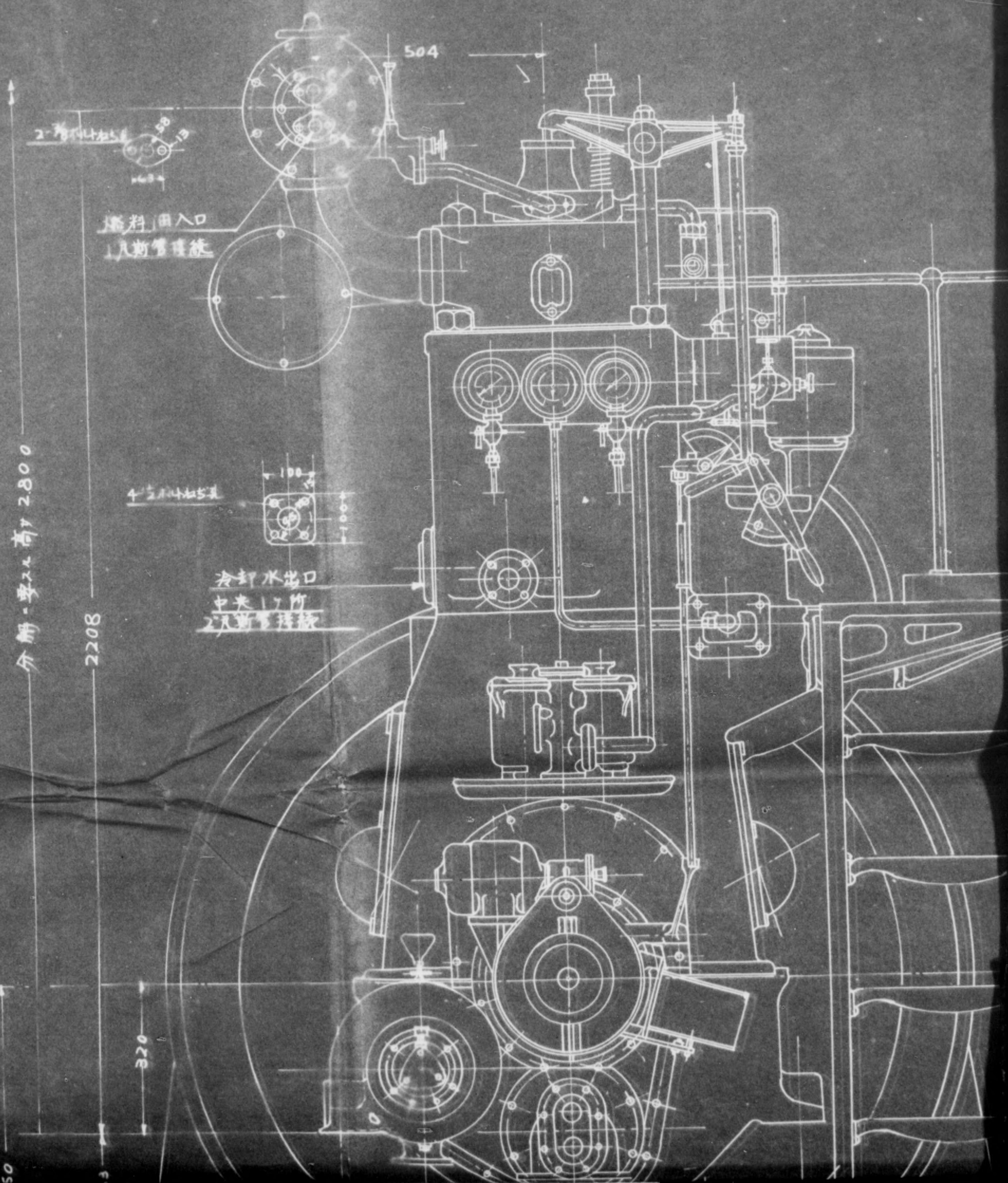








STAB型DE	SAB 615	856
全体組立	(右勝手)	



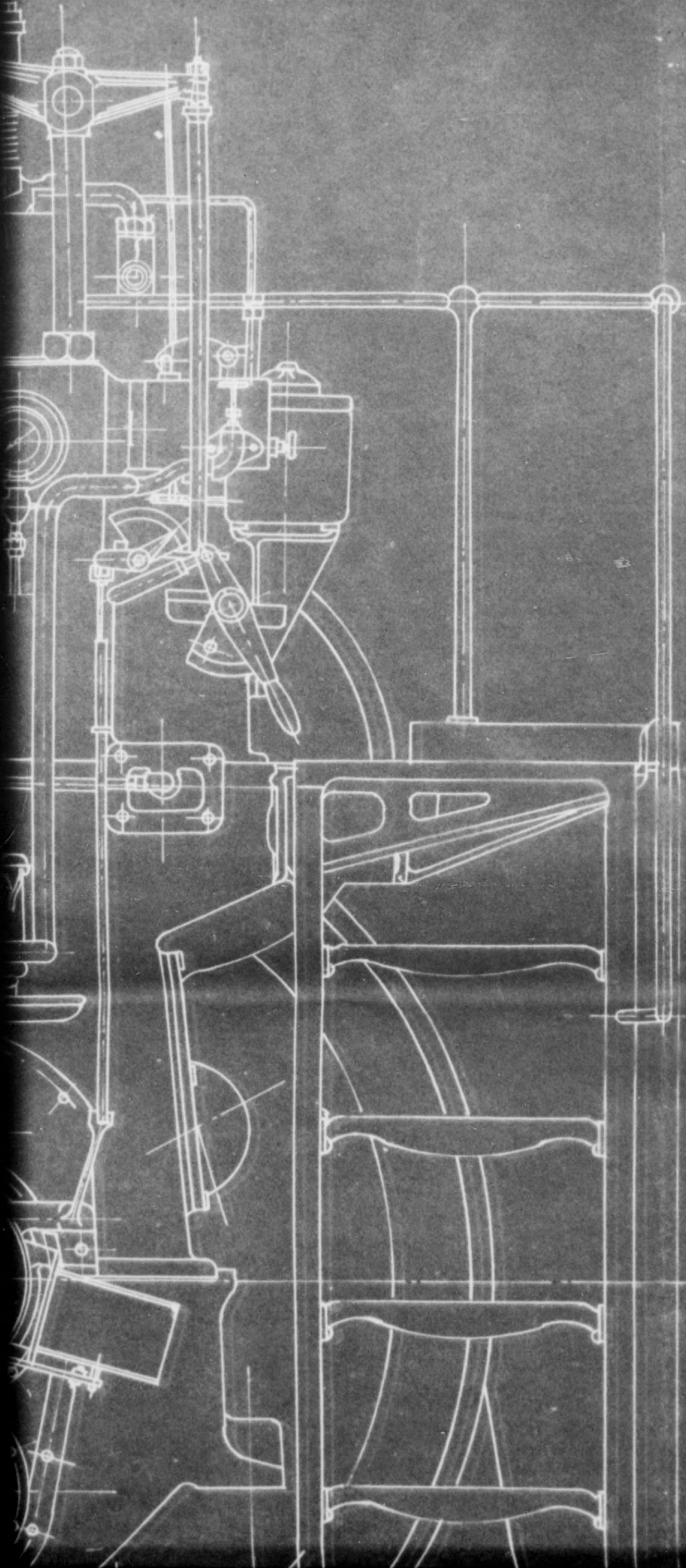
SAB

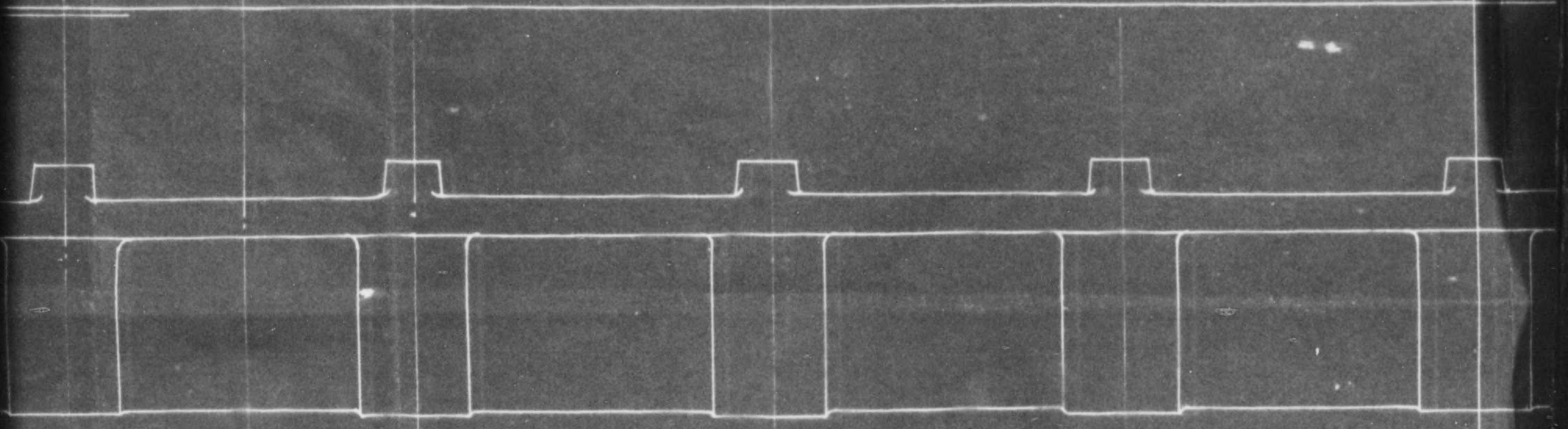
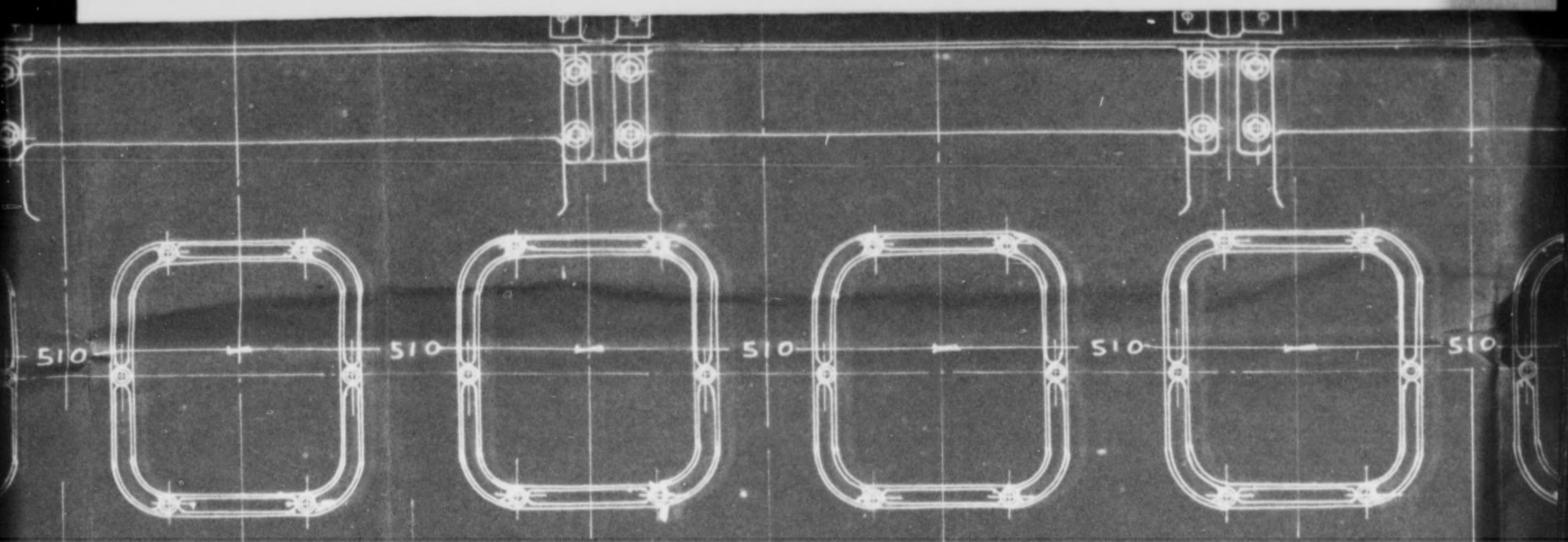
615

85666

1:10

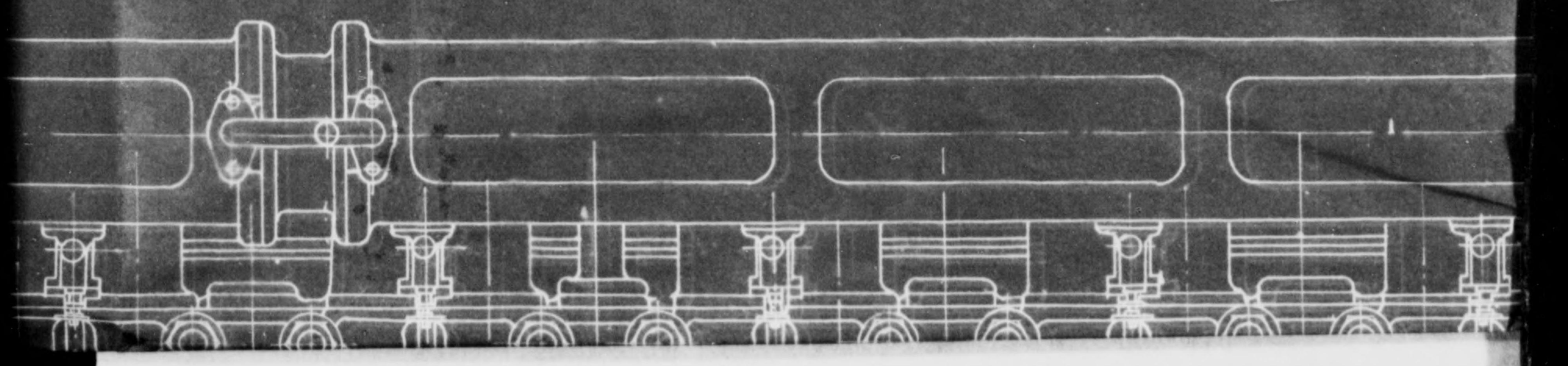
勝手)

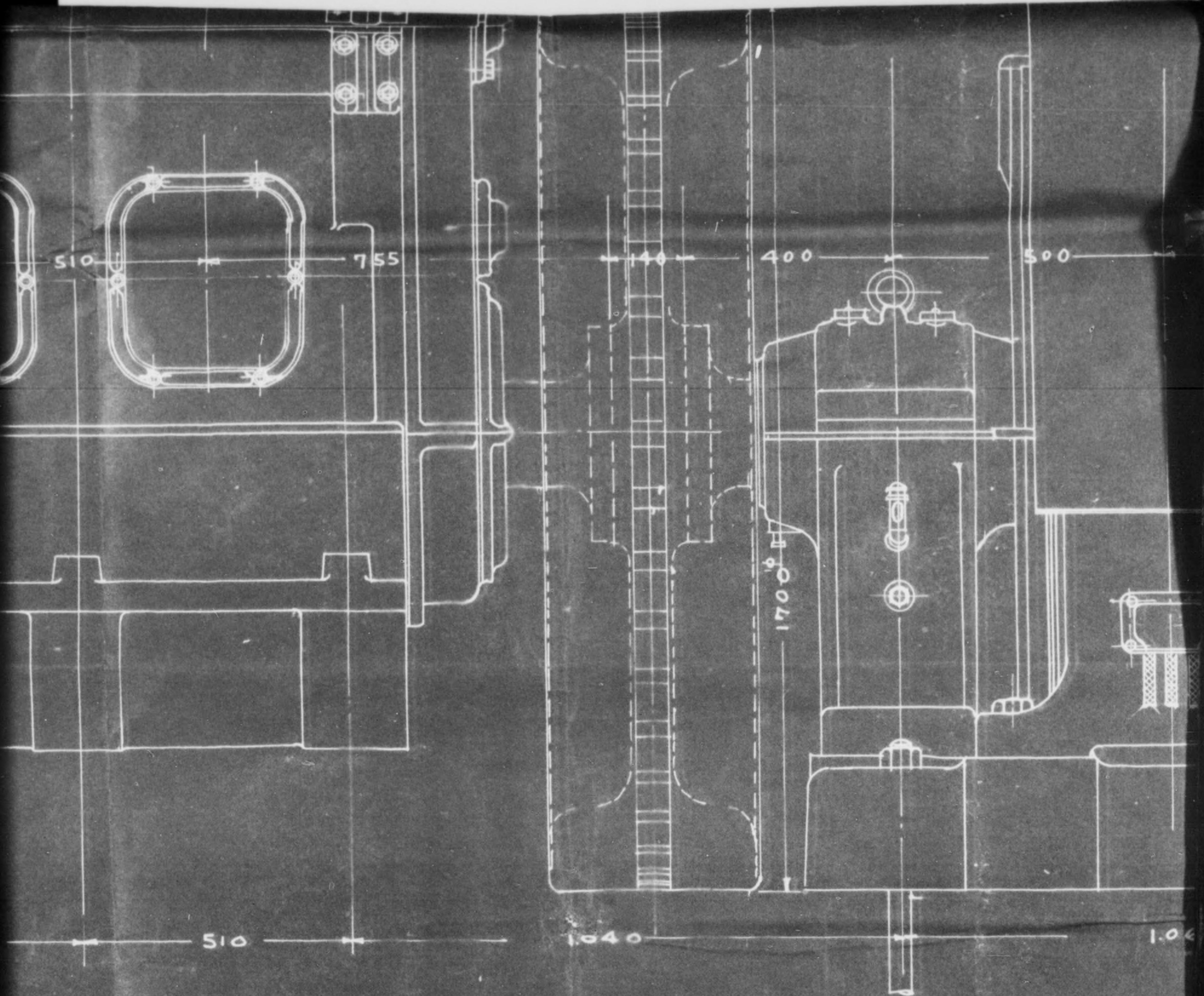




510 510 510 510

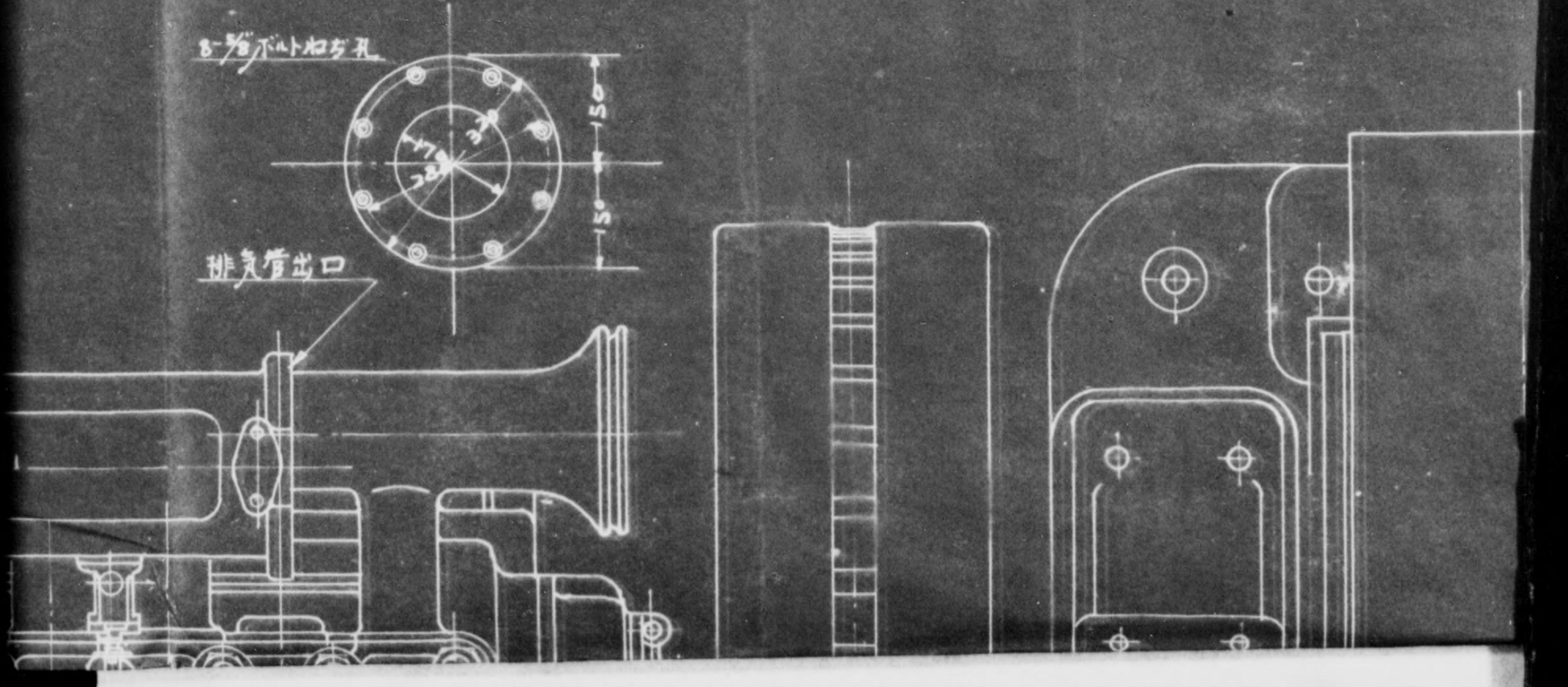
7160





8-1/8 吋 吋 孔

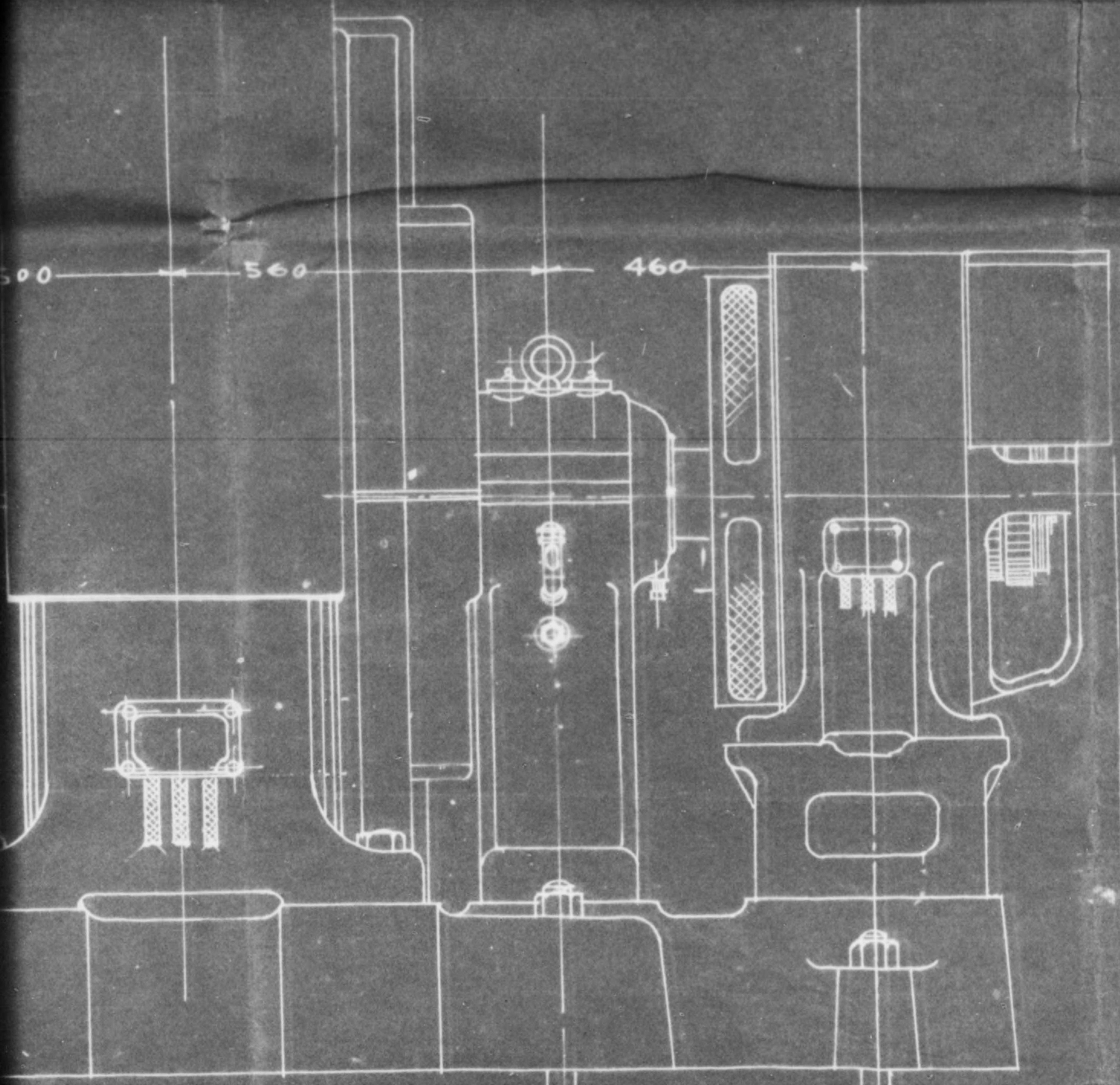
排氣管出口



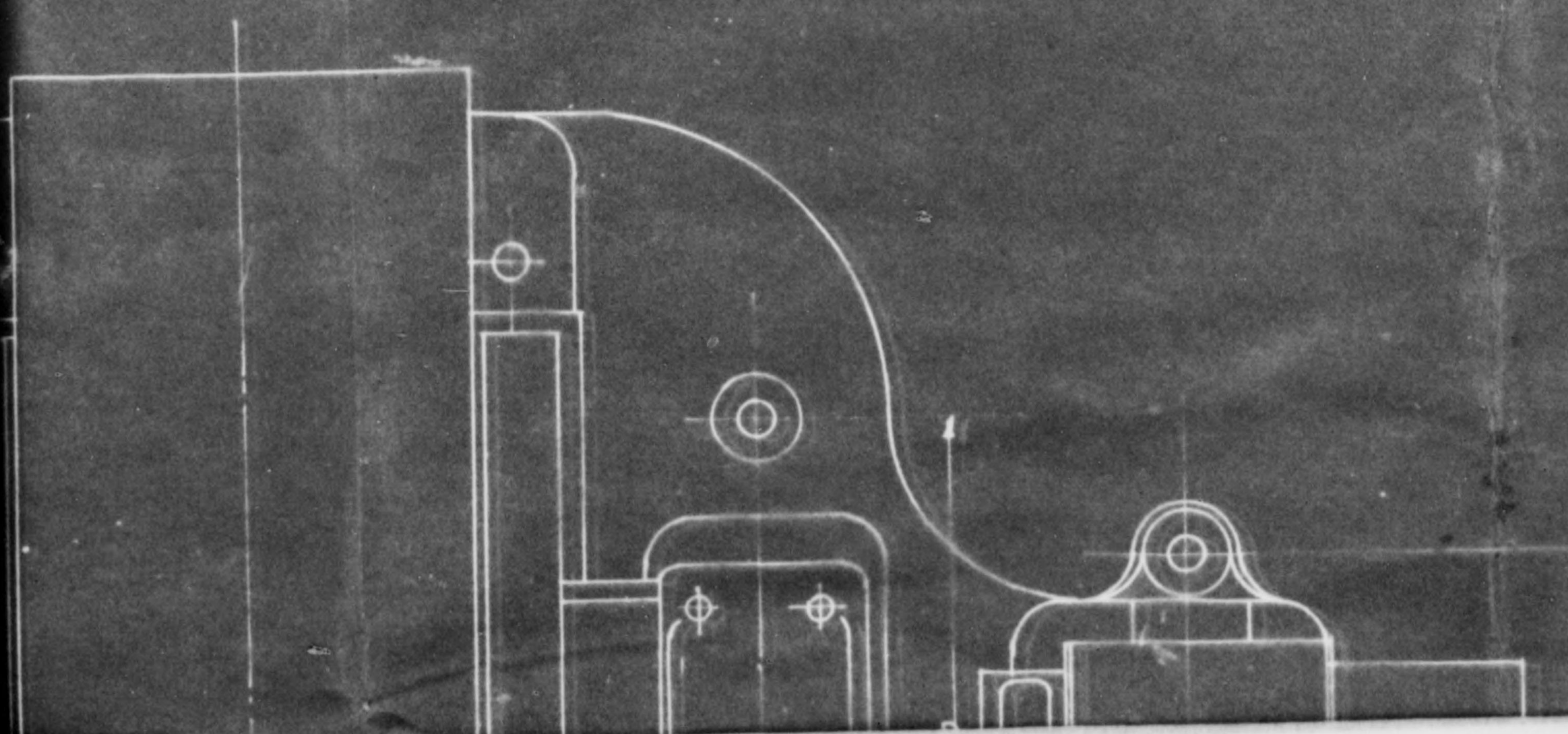
分解-要

2208

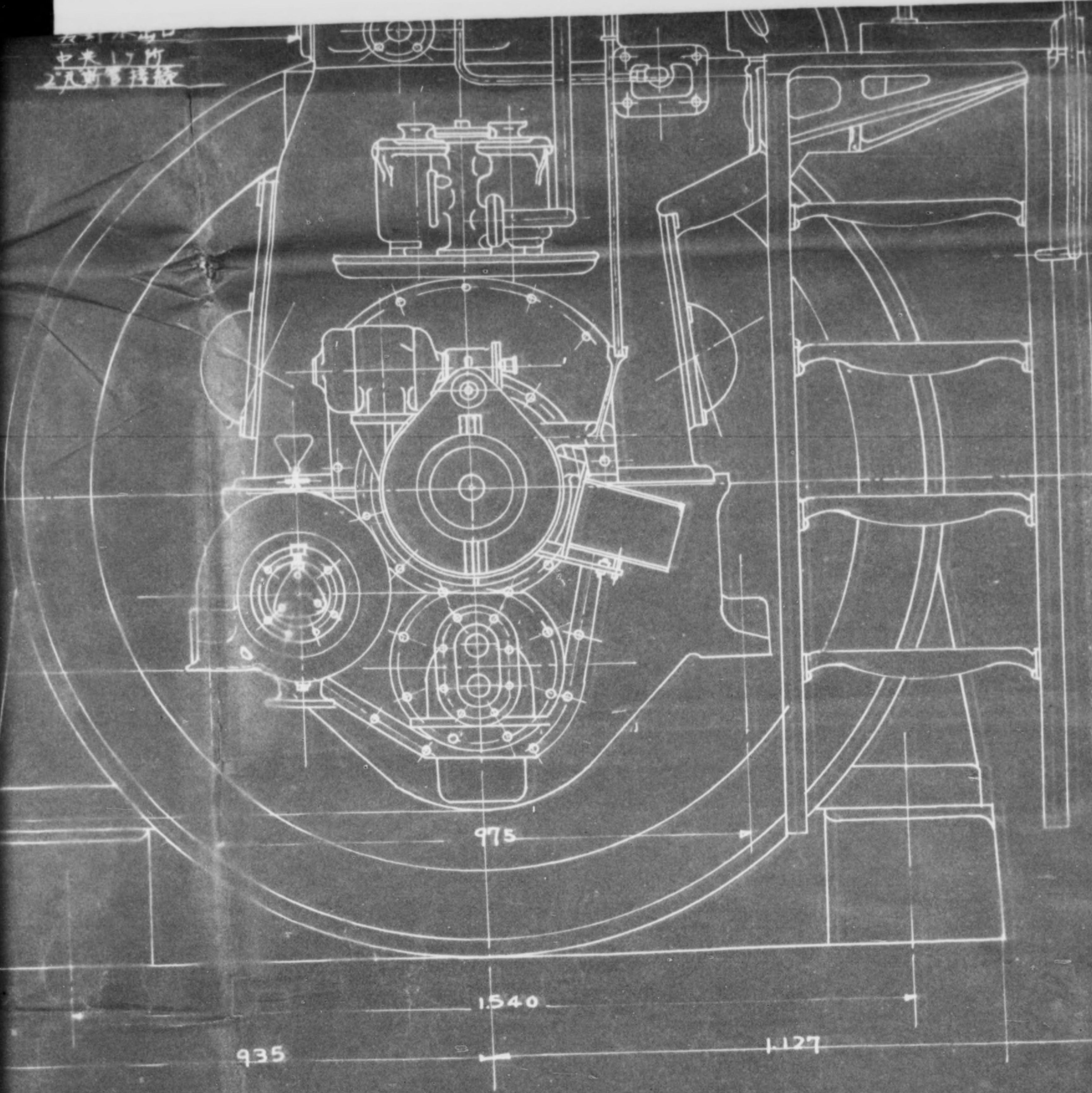
2208

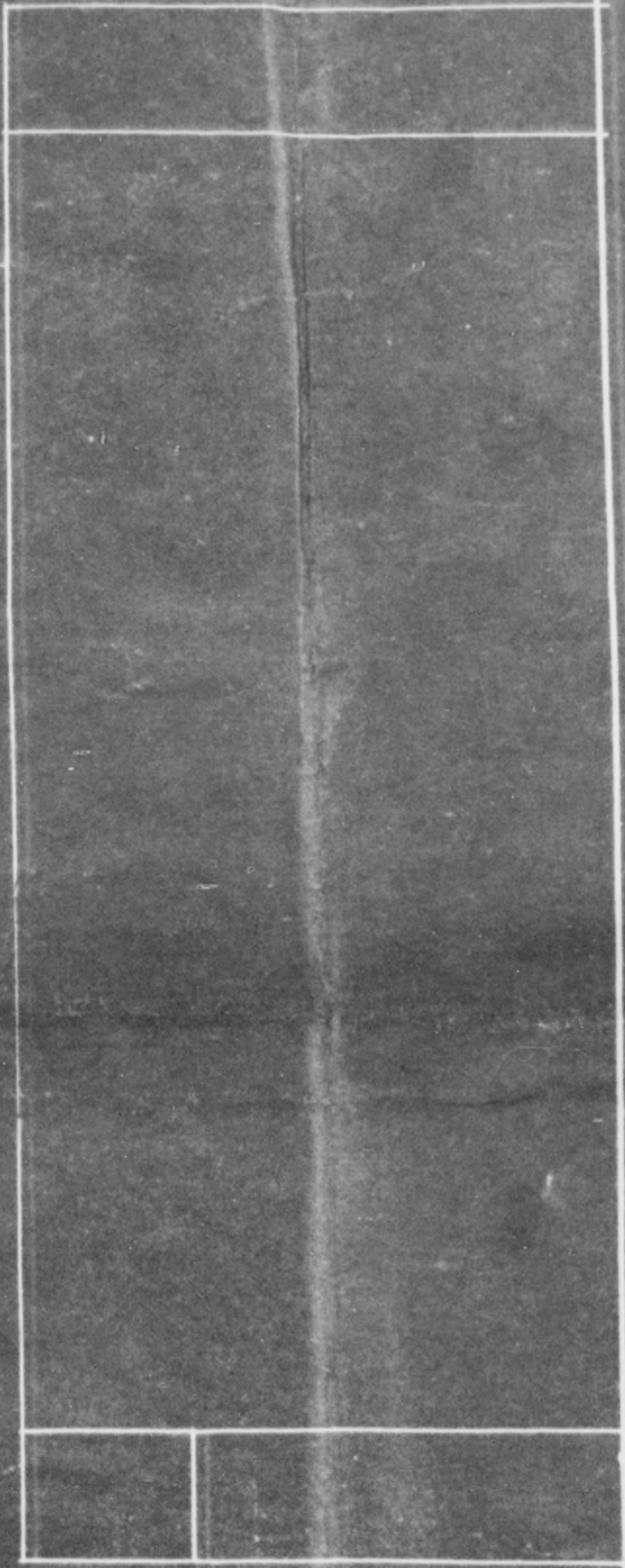
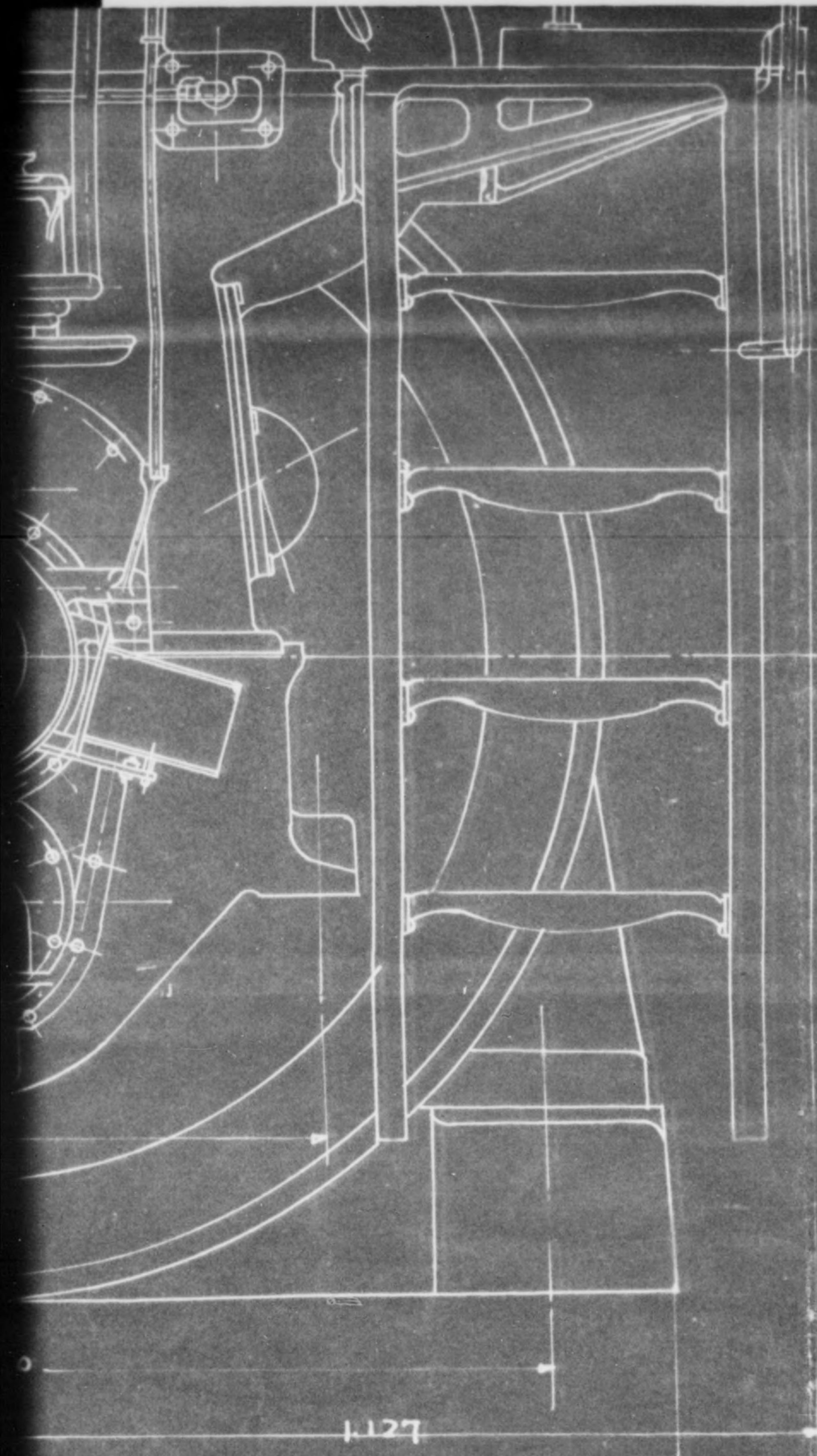


D=1 1/2 L=1050
基礎木ト 67



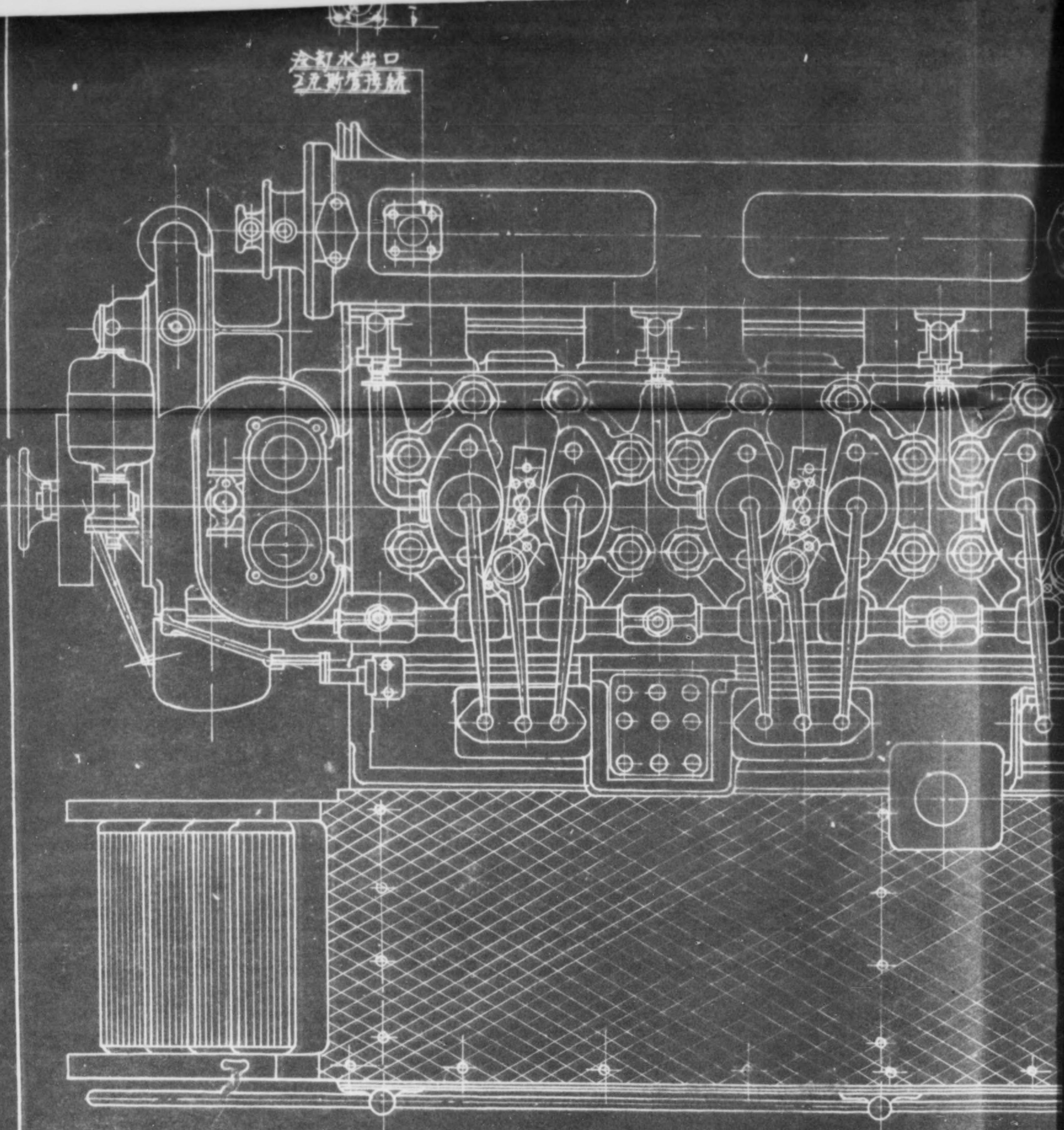
設計水出口
中央17寸
2尺管徑接

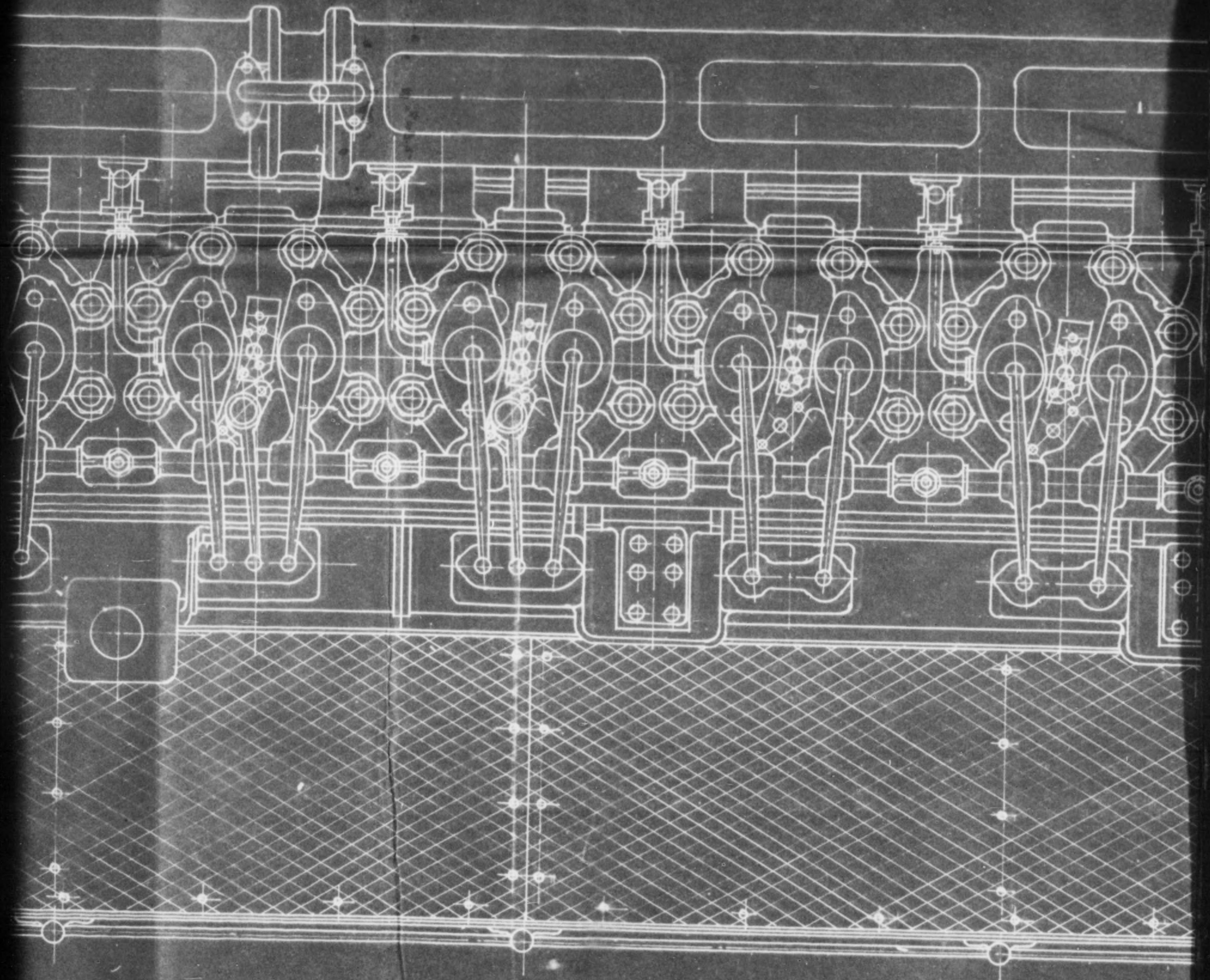


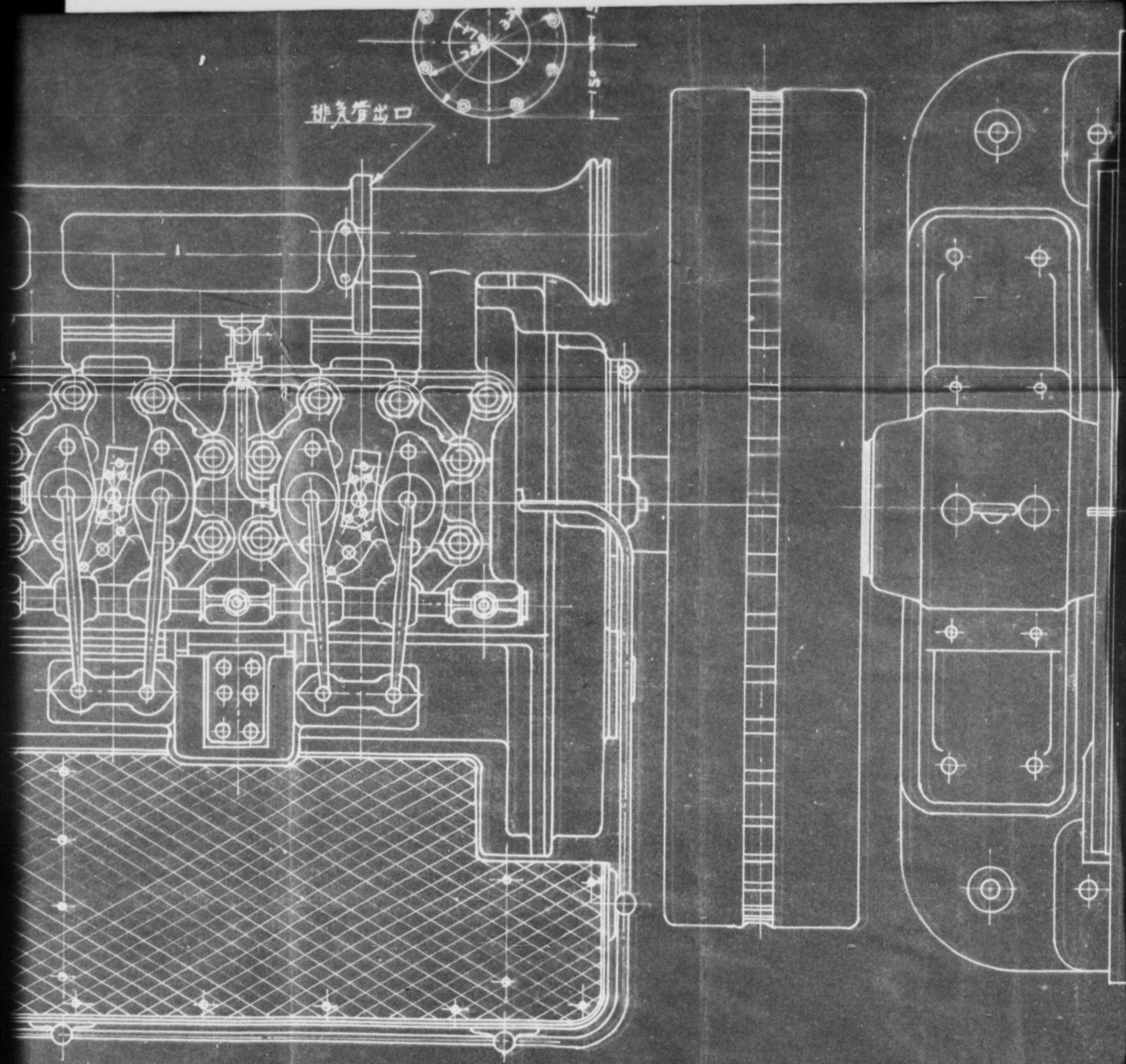


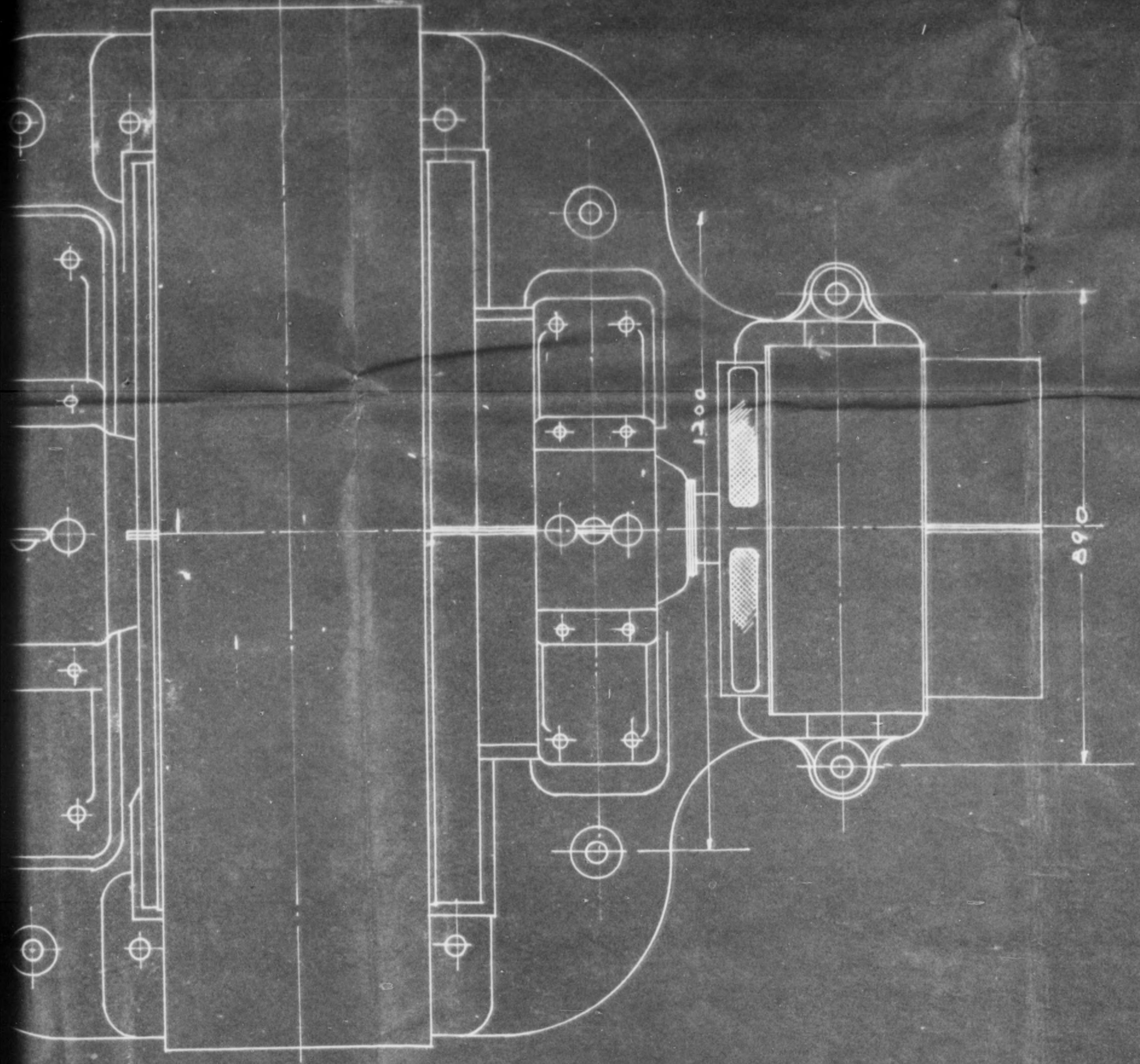
STAB型

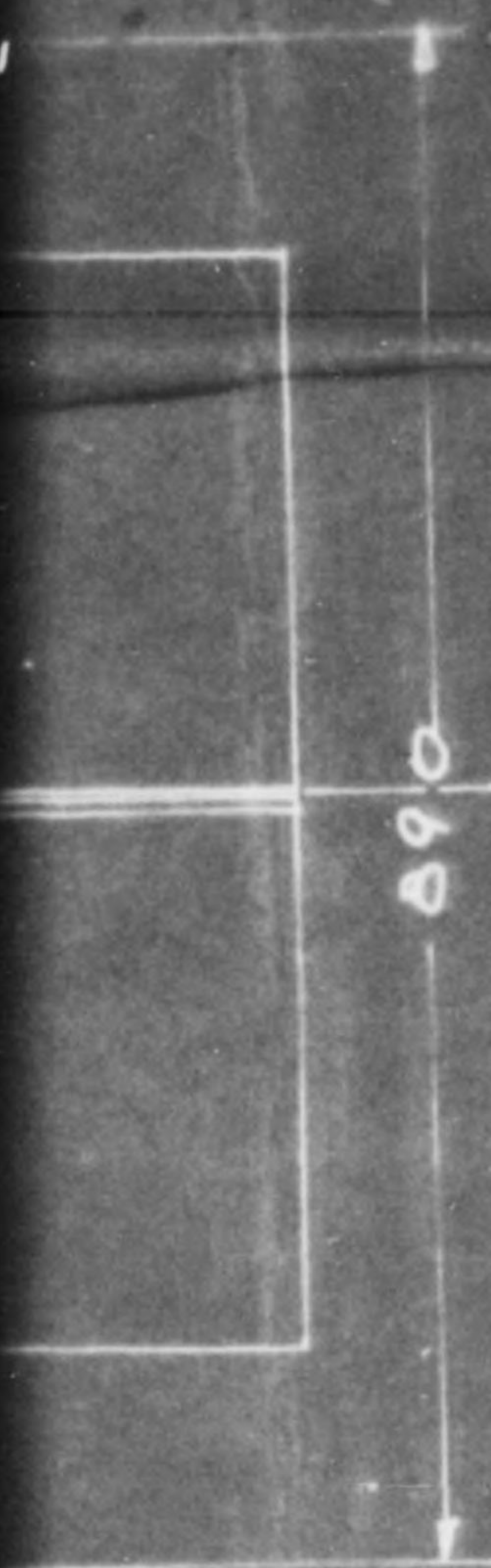
金 体 蒸 氣 噴











主要項目		
予他儿機械	三相交流発電機	直流励磁機
馬力 360	容量 250KVA	7.5 KW(KVA)
筒径 280mm	電圧 3300V	110 V
行程 450	電流 43.8A	68 A
筒数 7	周波数 50~	
毎分回転数 375	極数 16	
全重量約 700kg	全重量 5000kg	約 470kg
全重量(機関発電機台床共)約		

S7AB型

全体組立
 蒸気噴油ディーゼル機械

尺度 1:10

ALLOCATION NOTICE No. 3-64

For 250KVA. A.C. Generator
 Direct Coupled 7 Cylinder
 360H° Diesel Engine

GENERAL ARRANGEMENT

Inventory No. 27-3-3759

国産機 SAB-615

機	直流励磁機
KVA	7.5 KW (KVA)
0V	110 V
3A	68 A
約	470度