

造船學教科書附圖

海軍機關學校

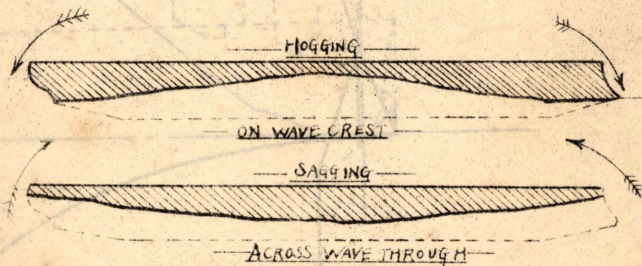
選徒第三學年  
修學學生

昭和三年二月



A  
4

第 1 图



MOMENT  $\frac{1}{2} \times 1096$  FT-TON

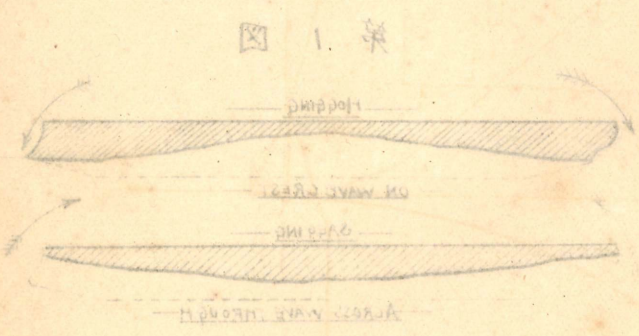
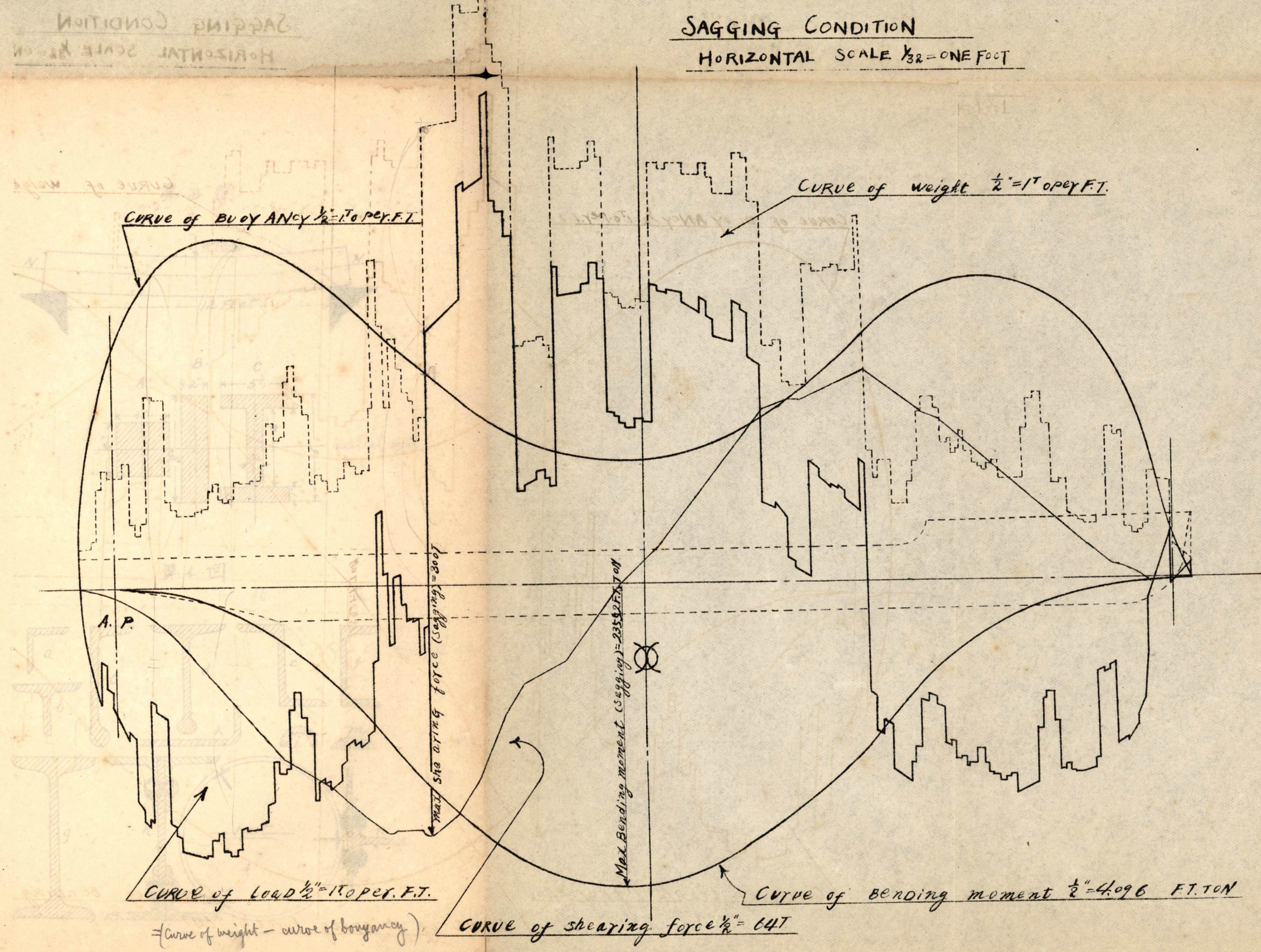
圖 2 第

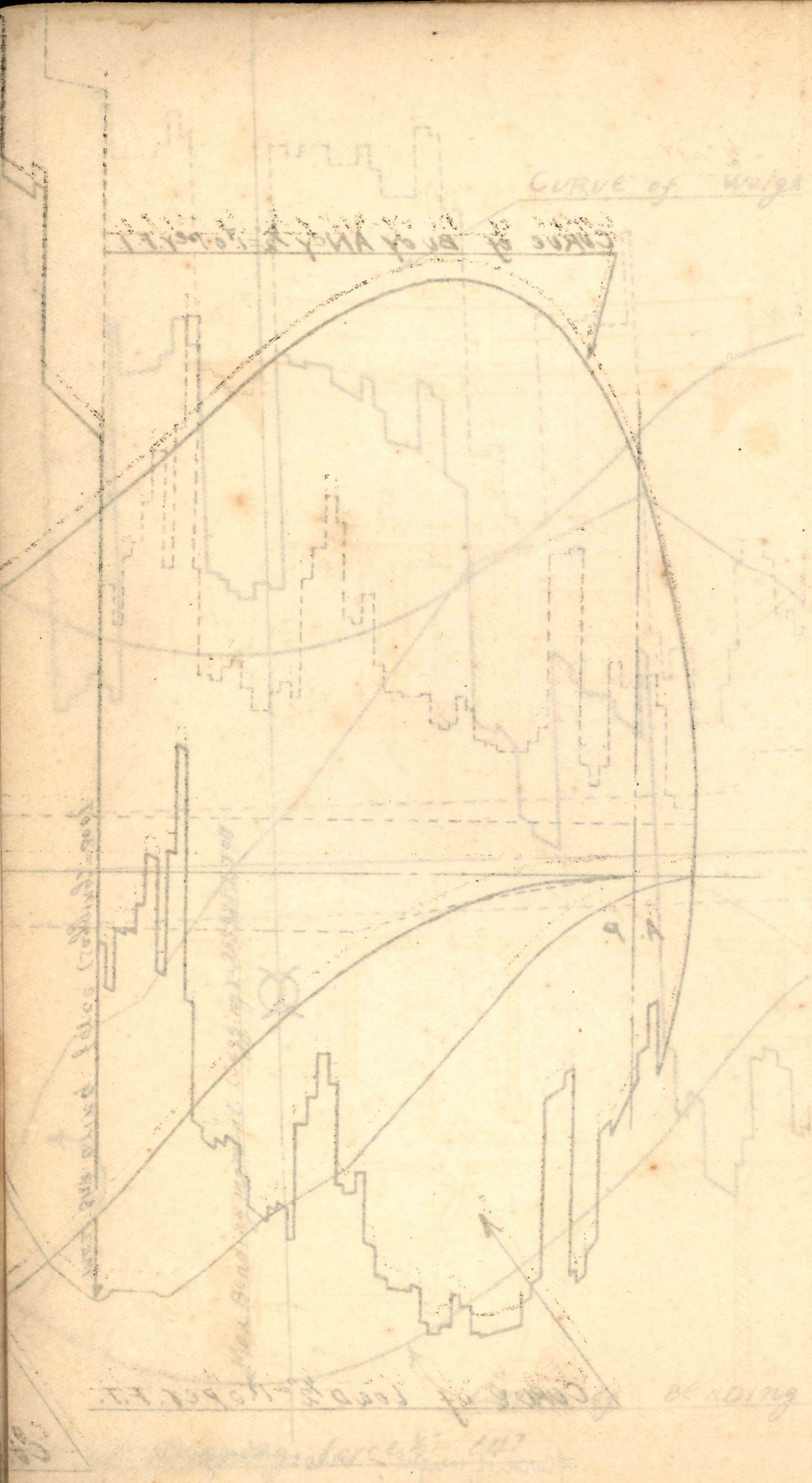
第 2 圖

1300T DESTROYER

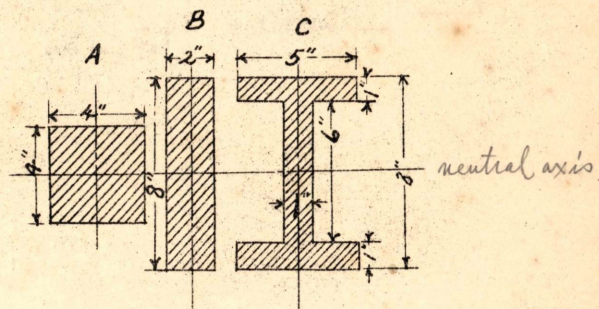
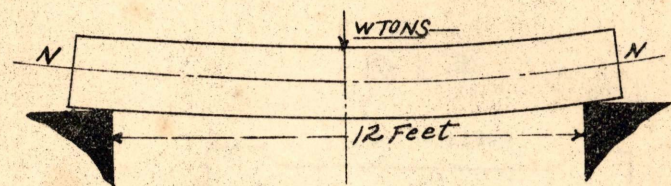
SAGGING CONDITION

HORIZONTAL SCALE  $\frac{1}{32} = \text{ONE FOOT}$

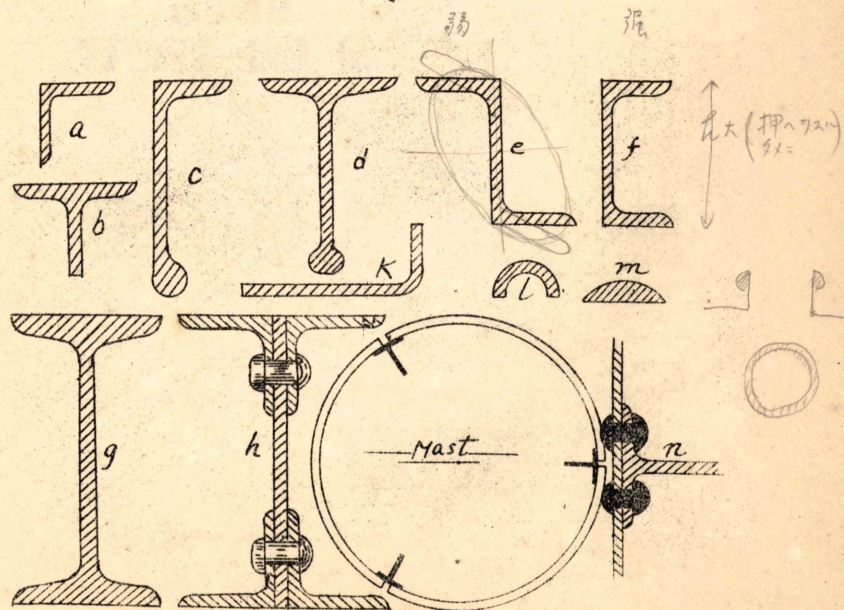




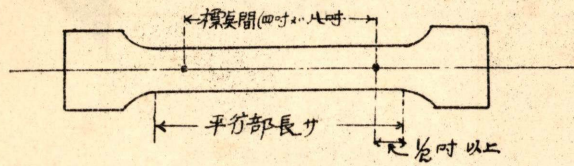
第3图



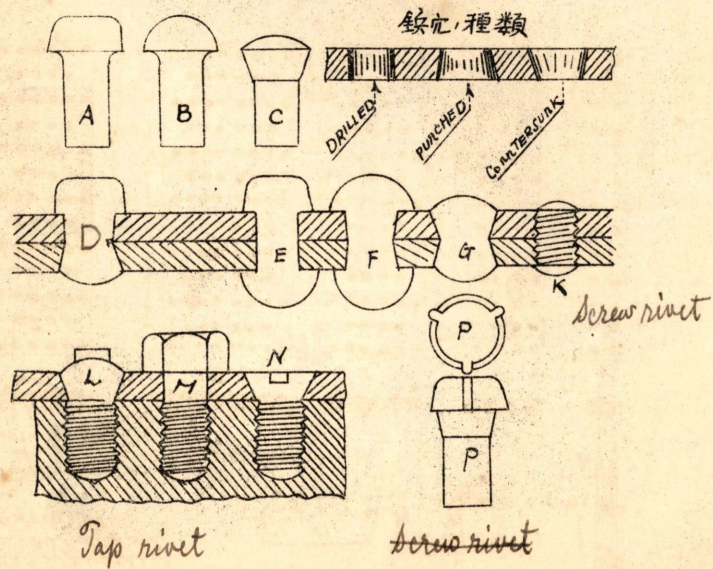
第4图



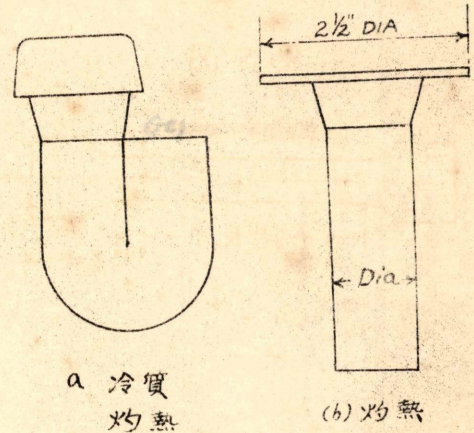
第 5 图



第 6 图



第 7 图



第 8 图

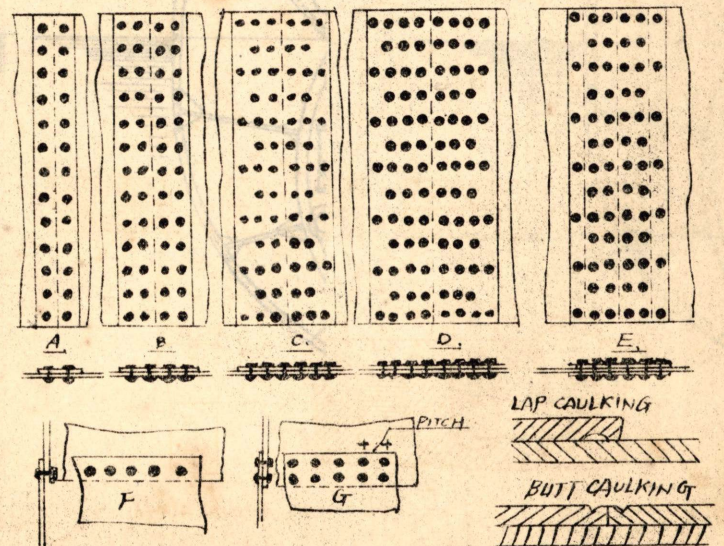
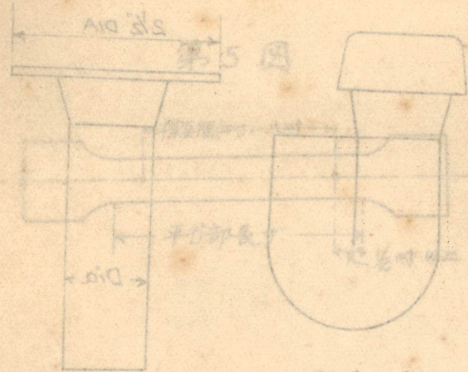


圖 7 號



流飲 (b)

圖式 A  
流飲

圖 6 圖式

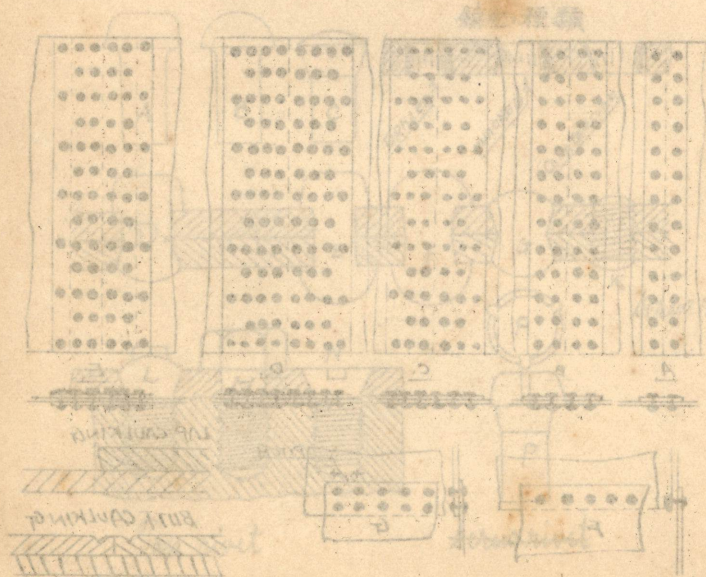
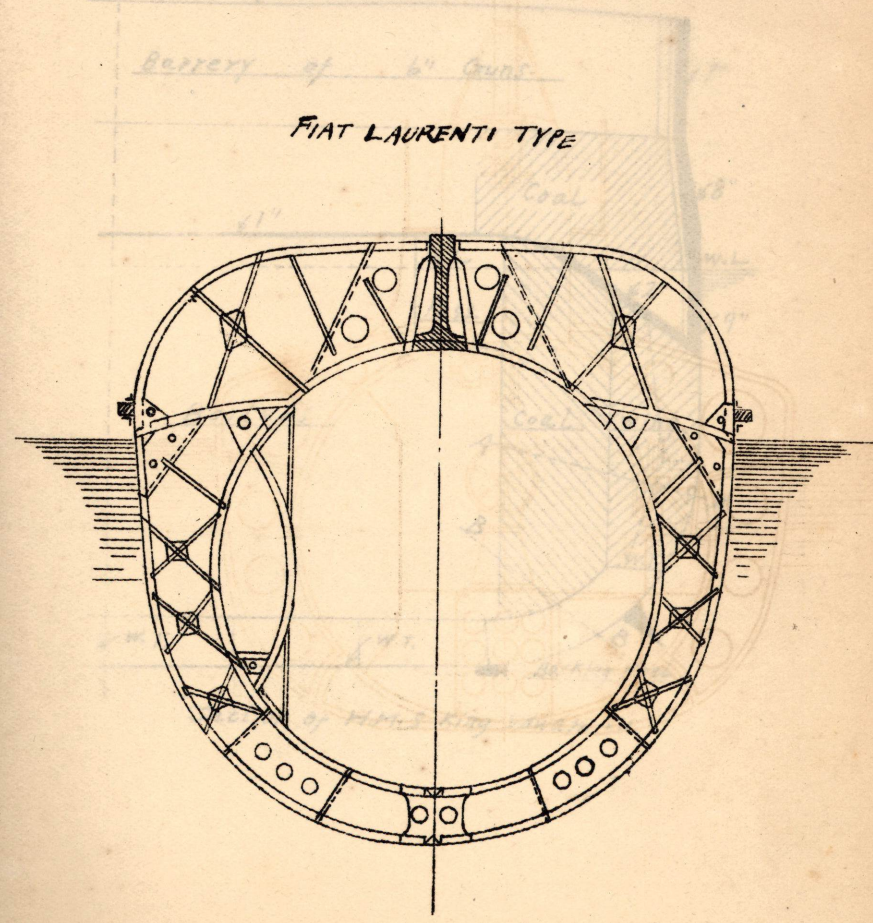


圖 10 號  
 Mistris Section of ...  
 Lateral ...

第 10 圖

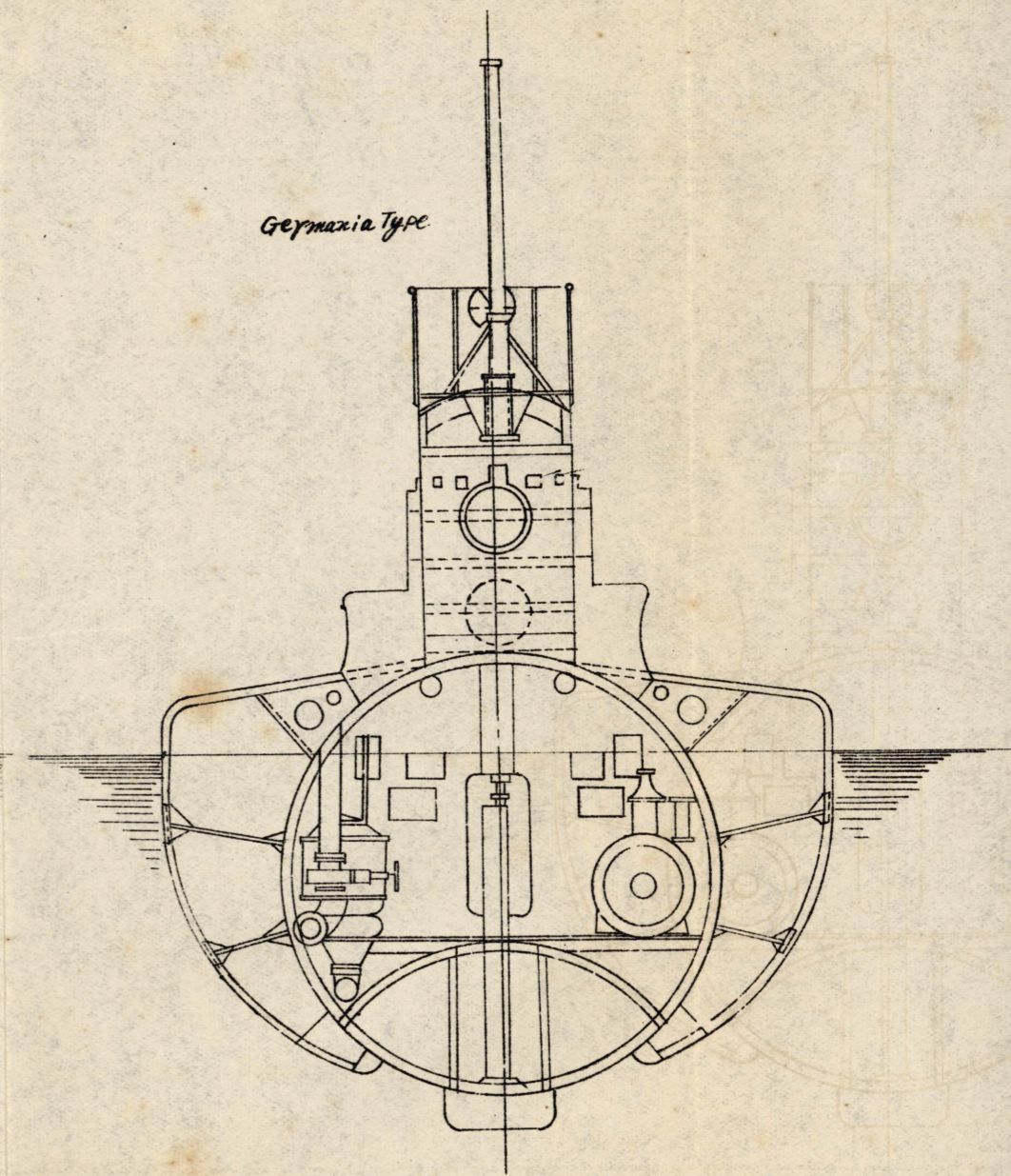
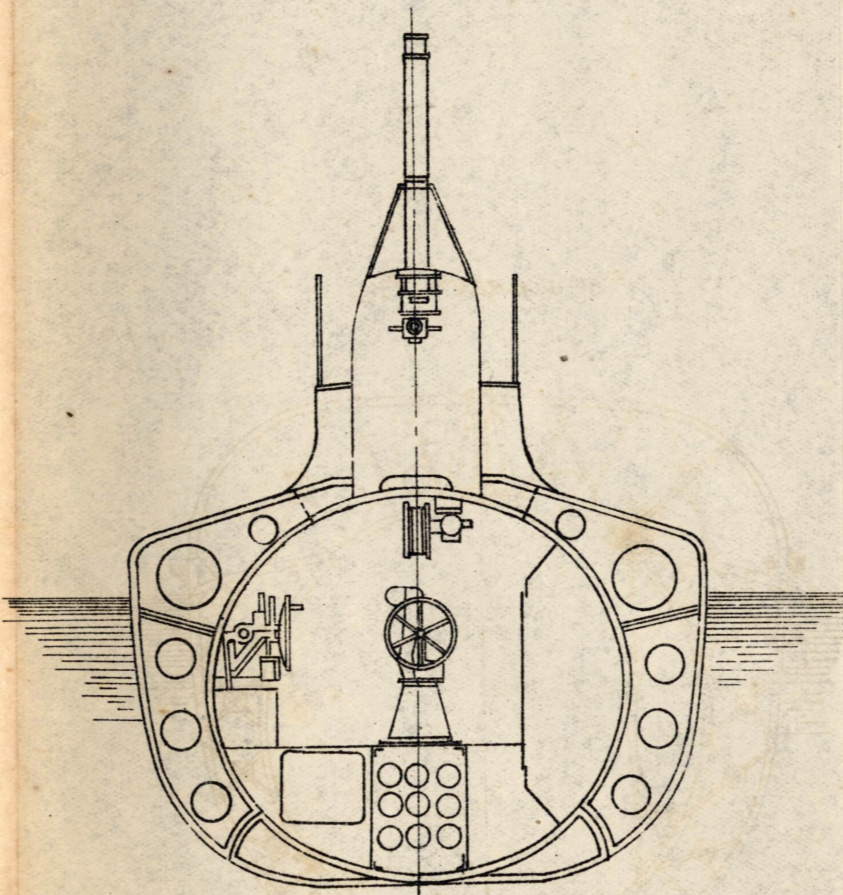
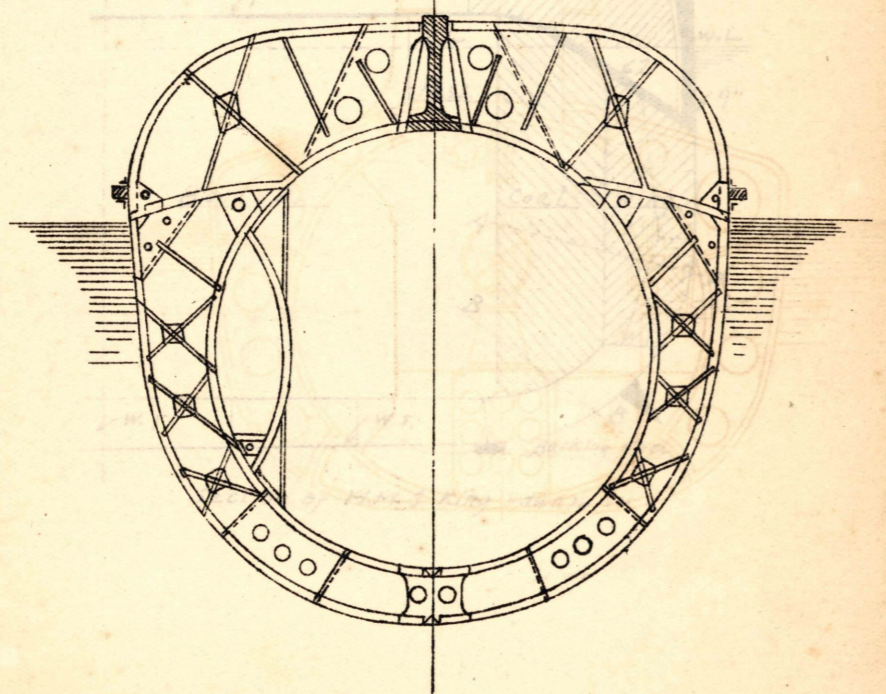


第 9 圖

Midship Sections of Submarine Boats

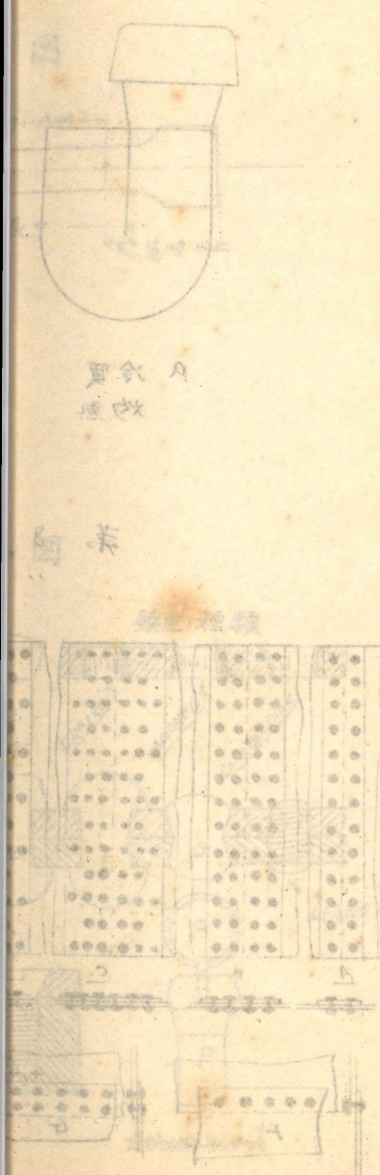
Laubeuf type

Germania Type



第 10 圖  
 Midship sections of submarine boats  
 Laubeuf type

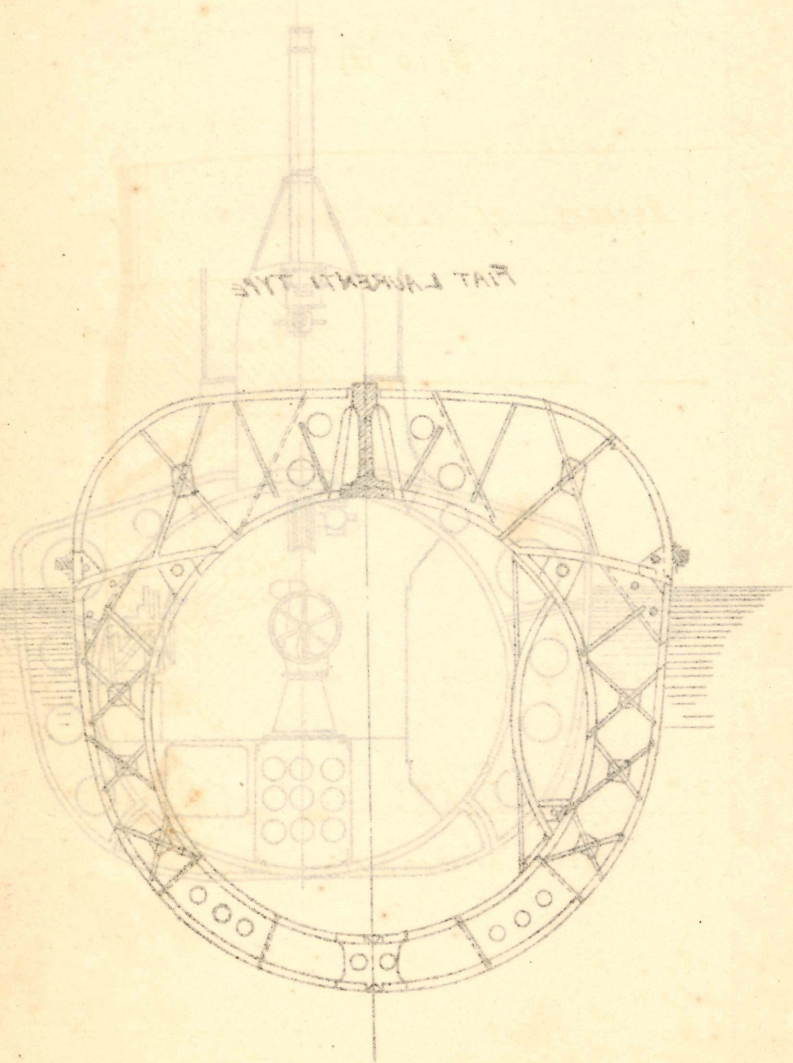
第 10 圖  
 Battery of 6" Guns  
 FIAT LAURENTI TYPE



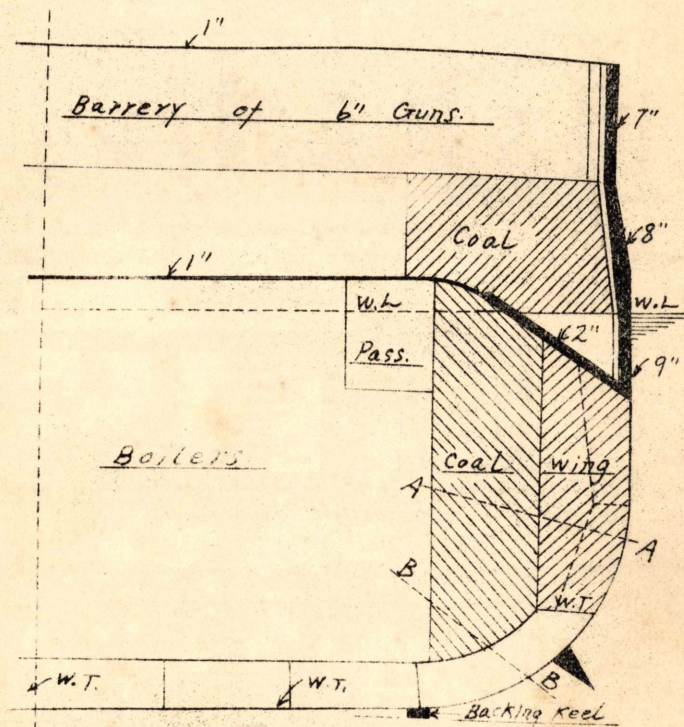
第9图

Midsip Sections of Submarine Boats

Lastey type



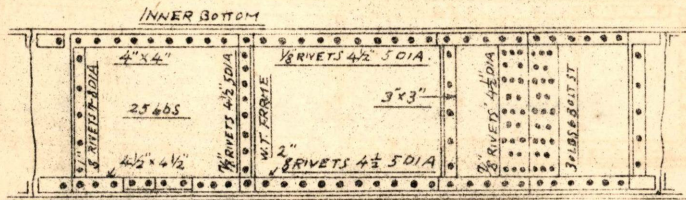
第10图



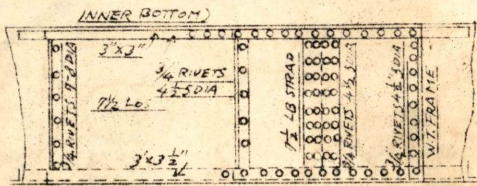
Section of H.M.S King Edward VII.



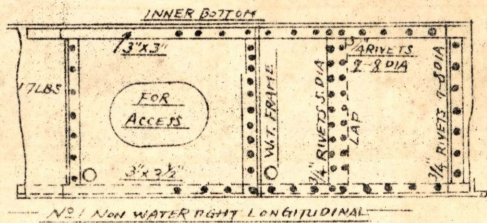
第11图



Watertight vertical keel



Watertight longitudinal



NOT WATERTIGHT LONGITUDINAL

第12图

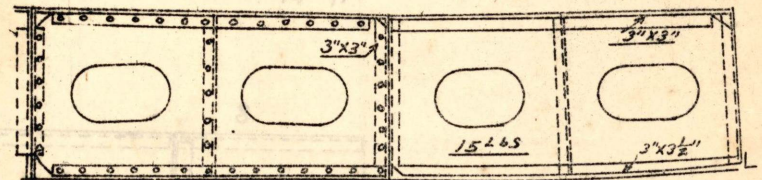
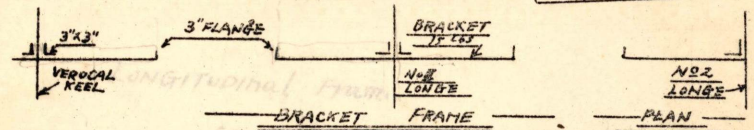
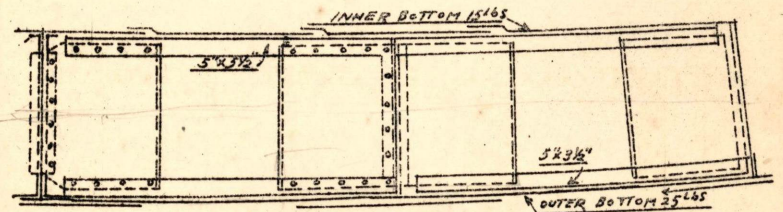
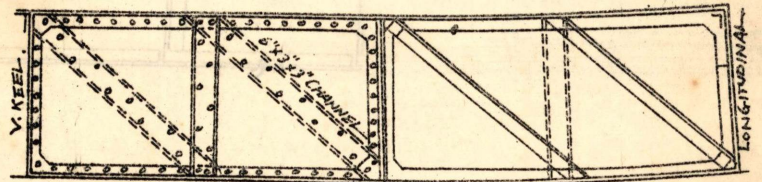
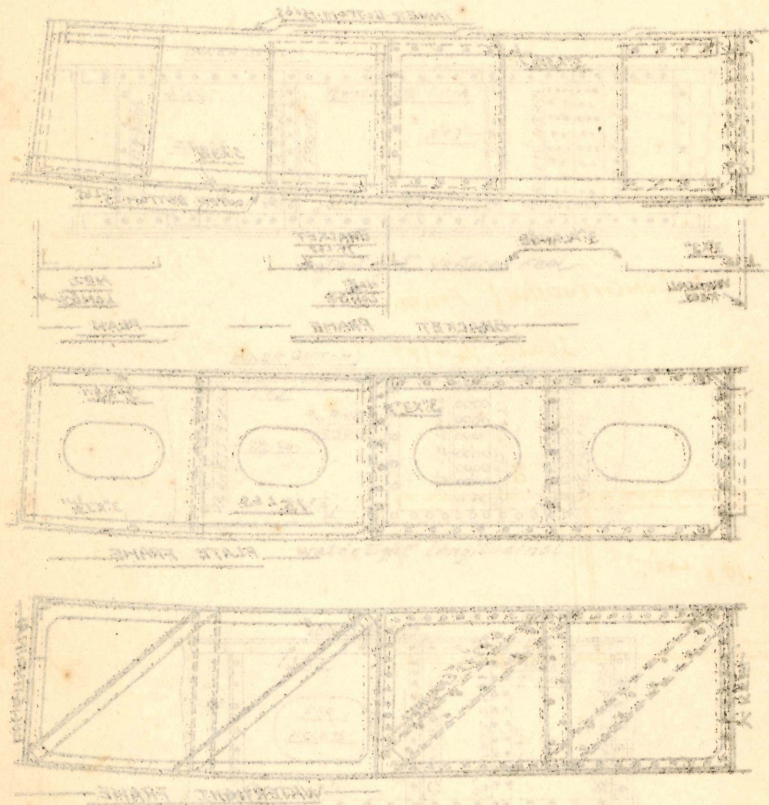


PLATE FRAME



WATERTIGHT FRAME

圖 13  
第 13 圖



第 14 圖 A

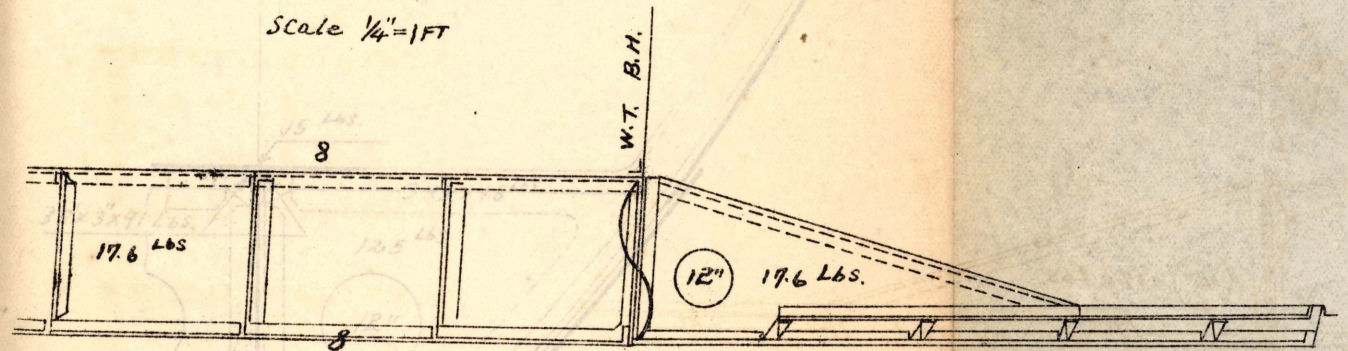
FRAMING AT FORE END.

SCALE  $\frac{1}{4}'' = 1 \text{ FOOT}$

第 13 圖

LONGITUDINAL FRAME

Scale  $\frac{1}{4}'' = 1 \text{ FT}$

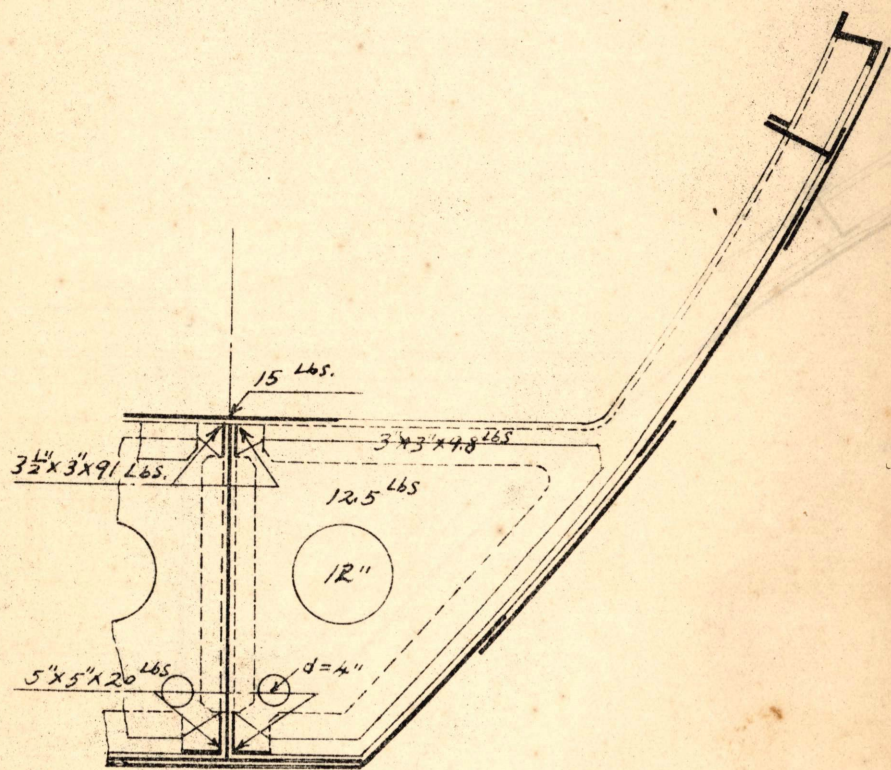


VERTICAL KEEL	20	LB
INNER	225	LB
OUTER	30	LB

第14圖A

FRAMING AT FORE END.

SCALE  $\frac{1}{2}'' = 1 \text{ FOOT}$ .



VERTICAL KEEL	20	Lbs
INNER	225	Lbs
OUTER	30	Lbs

第13圖

Longitudinal Frame  
Scale  $\frac{1}{4}'' = 1 \text{ FT}$

M.B. T.W.

8

24.1 lbs

15"

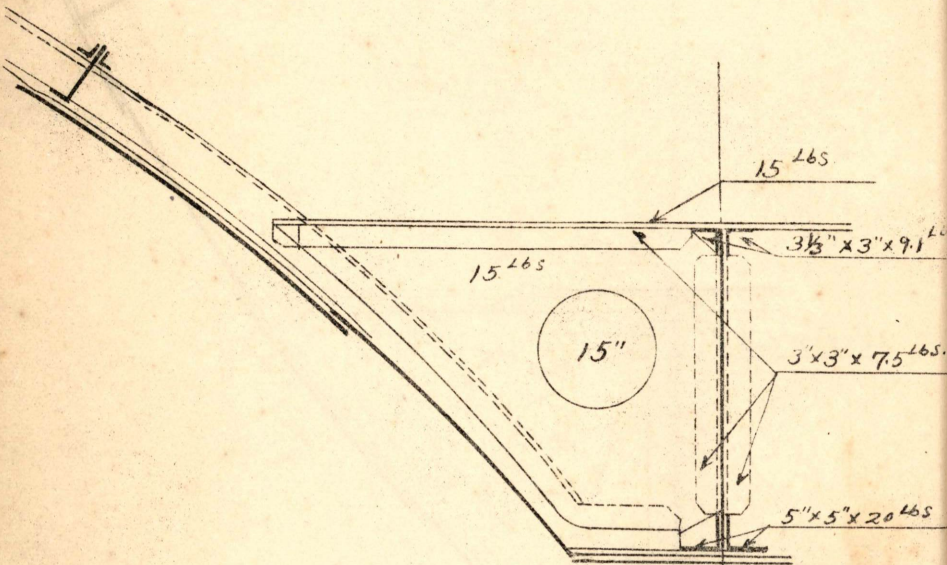
14.8 lbs

8

第14图 B

FRAMING AT AFT END

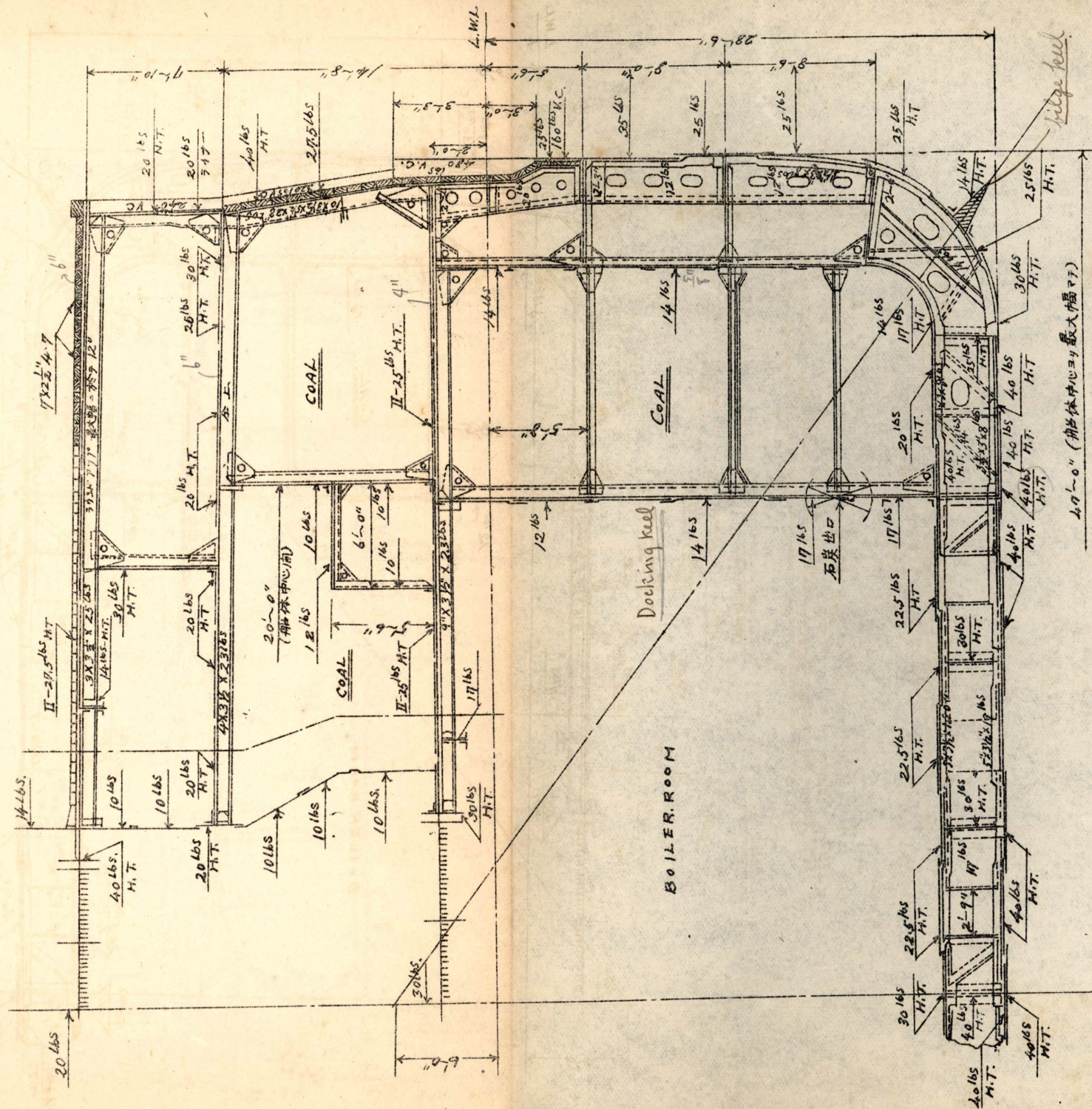
SCALE  $\frac{1}{4} = 1 \text{ FOOT}$



VERTICAL KEEL	20 lbs
INNER KEEL	25 lbs
OUTER KEEL	30 lbs

第15图

MIDSHIP SECTION (扶梁級) OF A BATTLE SHIP

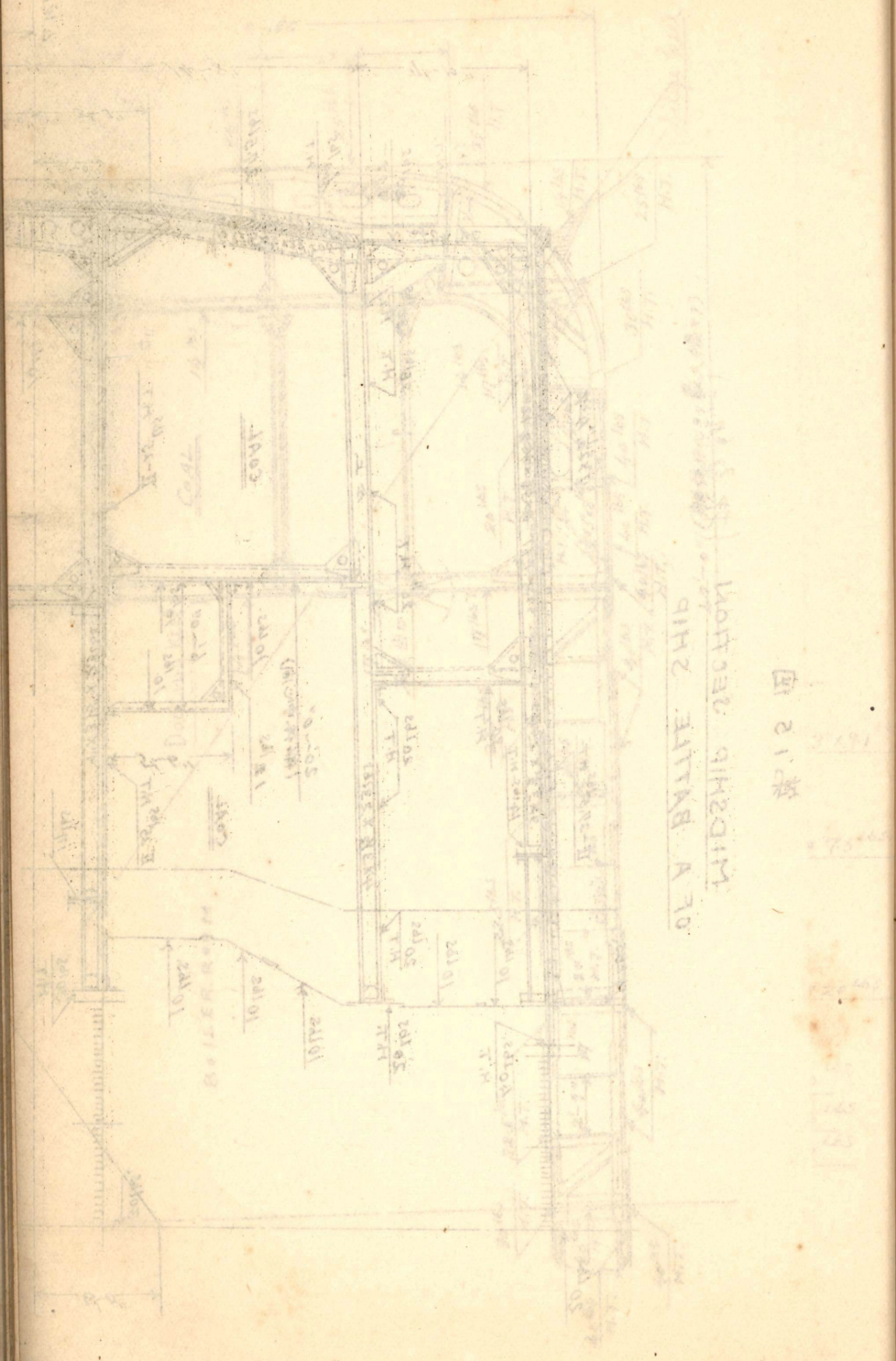
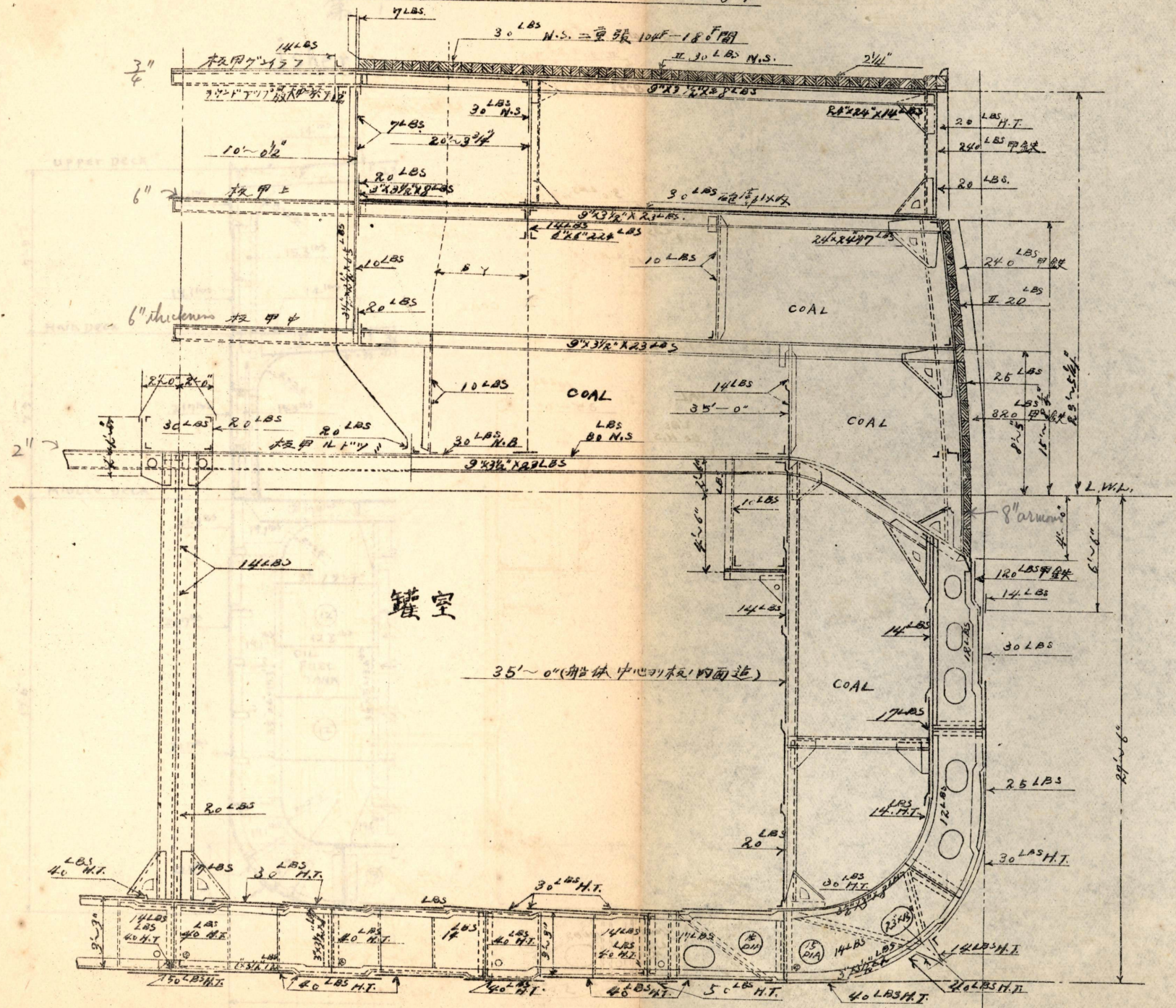


全副改造前

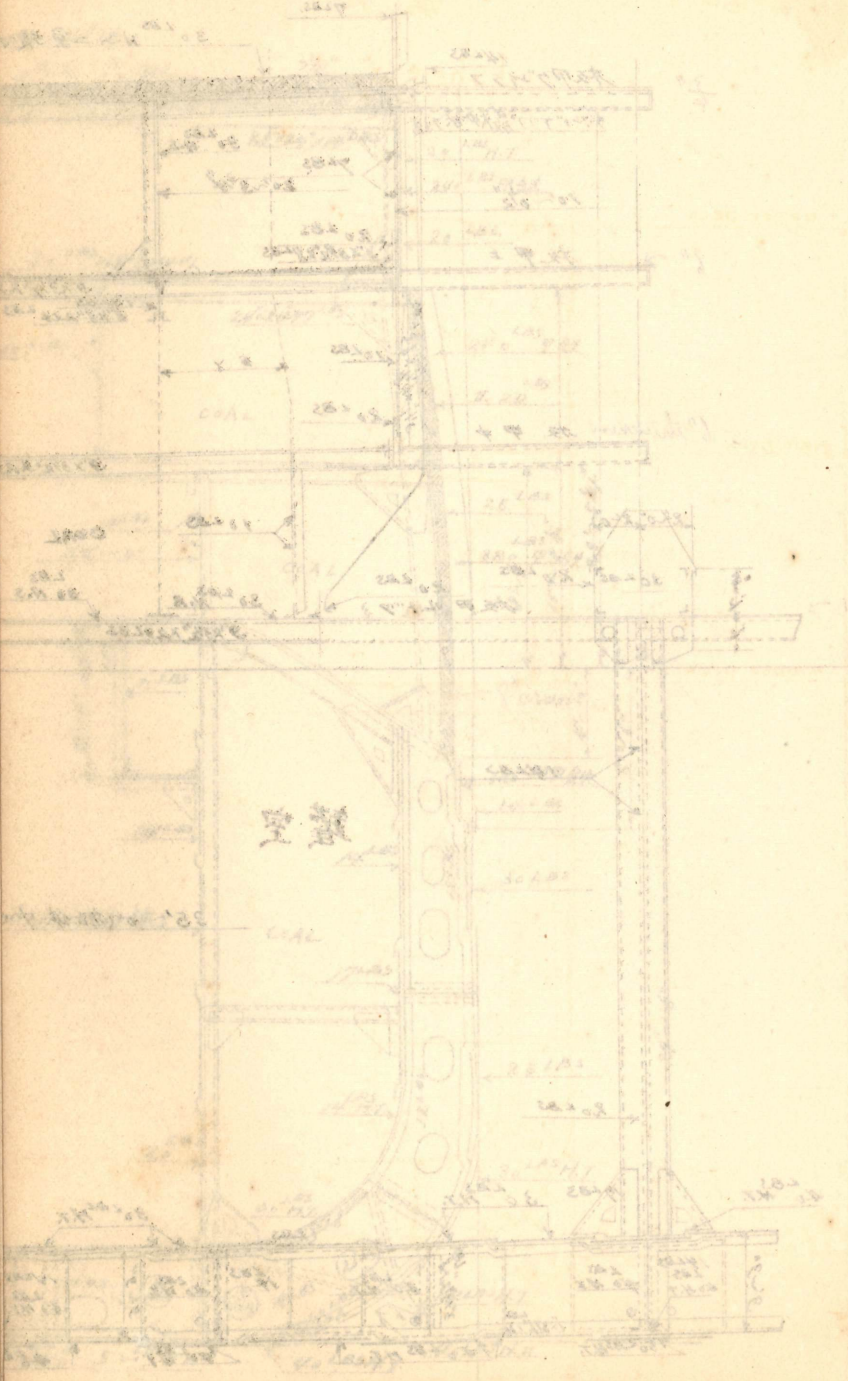
第16回

MIDSHIP SECTION OF A BATTLE CRUISER.

SCALE 1/8" = 1'

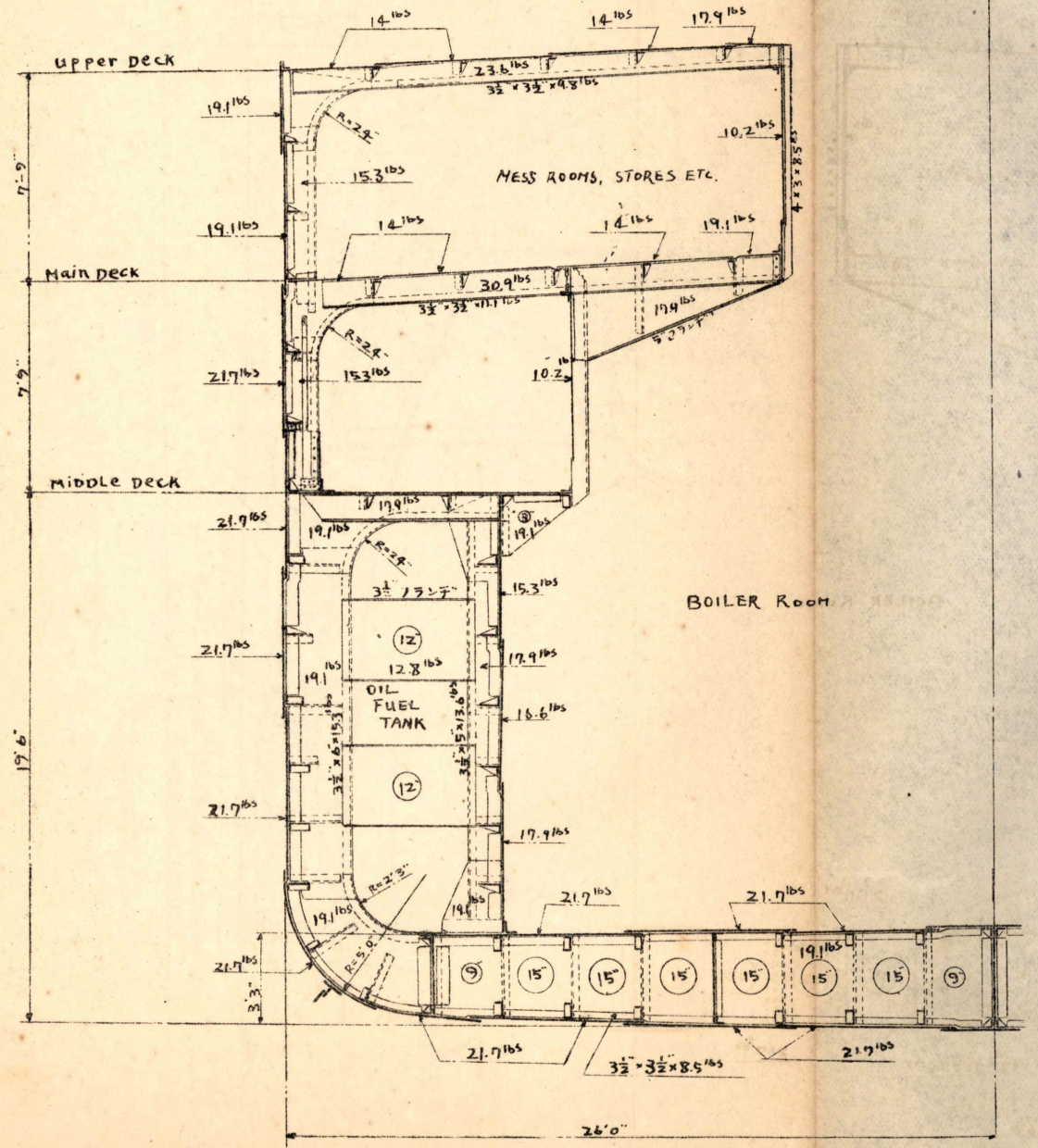


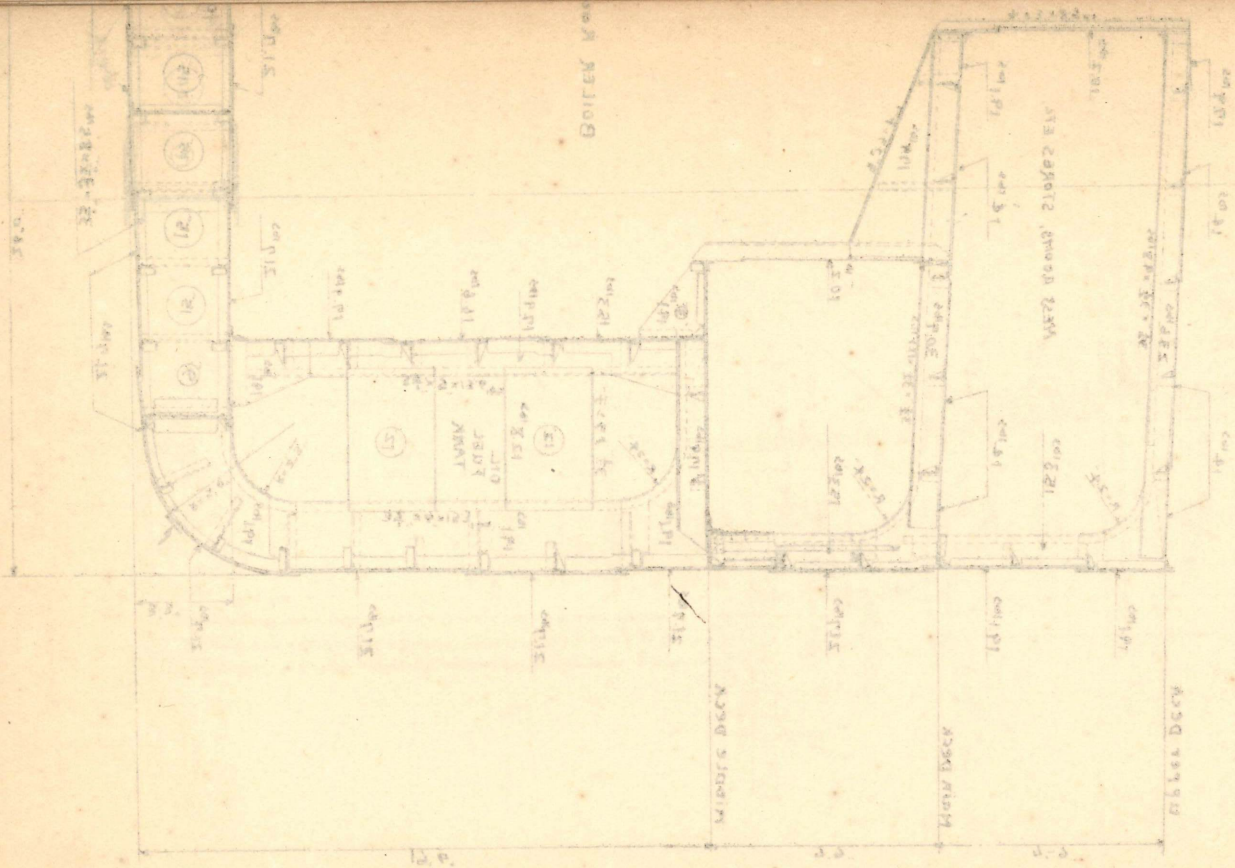
第 17 号  
 船体结构图  
 A 型结构



第 17 号

Isherwood system.



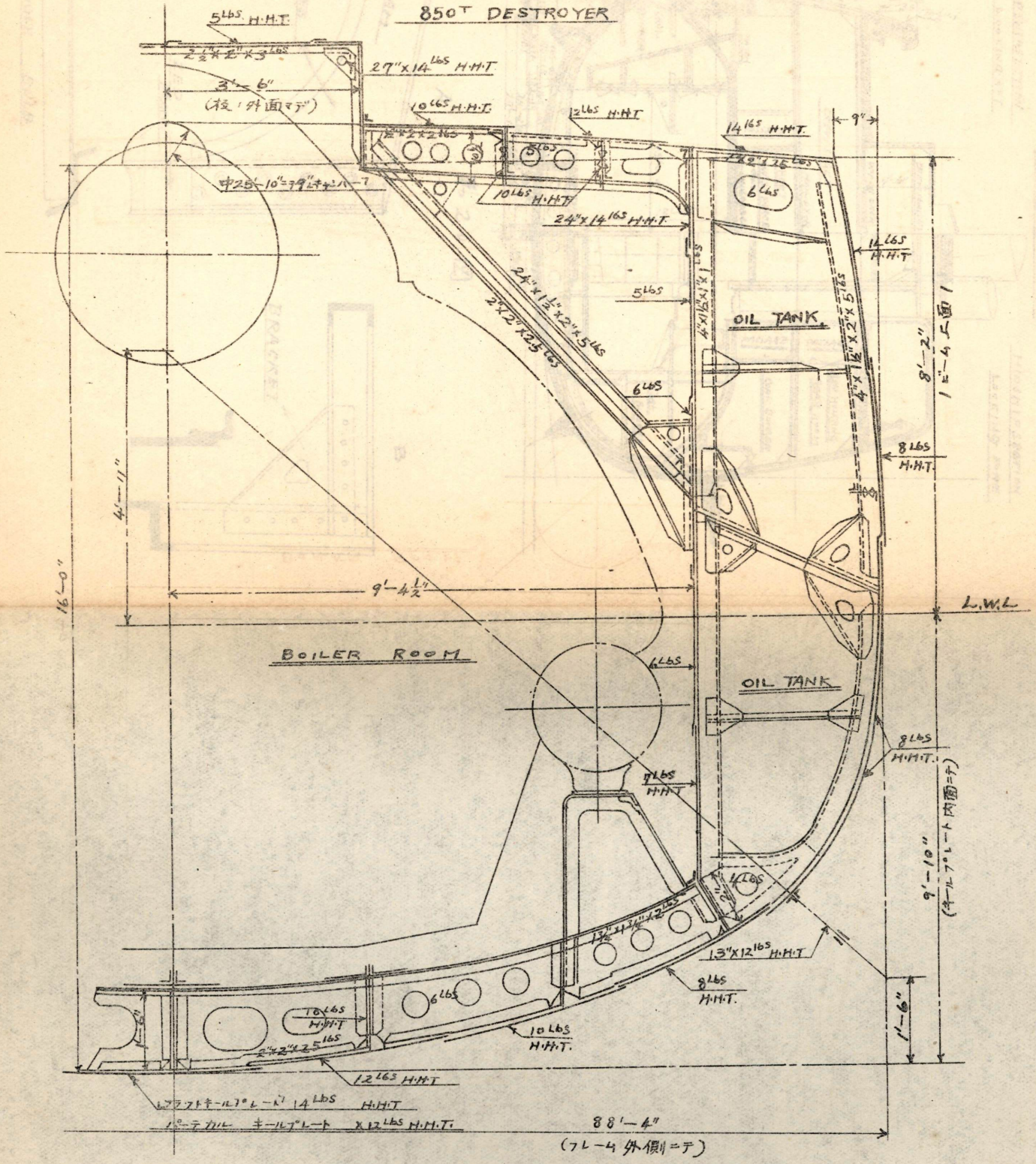


1212122 21052221

図 18

第 18 図

MIDSHIP SECTION OF A  
850T DESTROYER

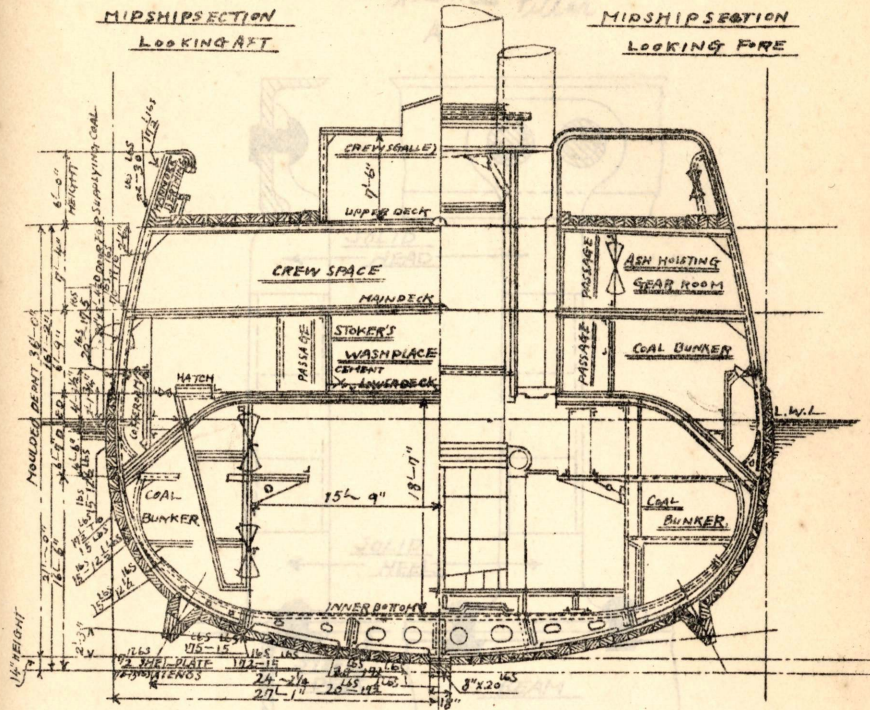


88'-4"  
(7L-4 外側マテ)

第19回  
 "TSUGARU"  
 SCALE 1/2" = 1 FOOT.

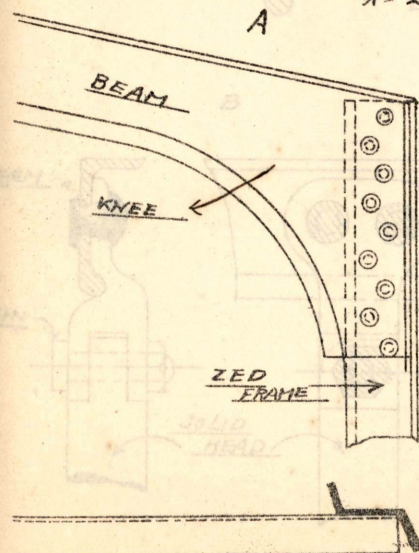
MIDSHIP SECTION  
 LOOKING AFT

MIDSHIP SECTION  
 LOOKING FORE

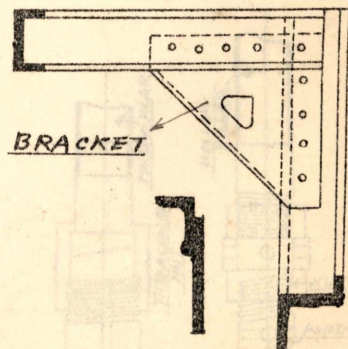


第20回

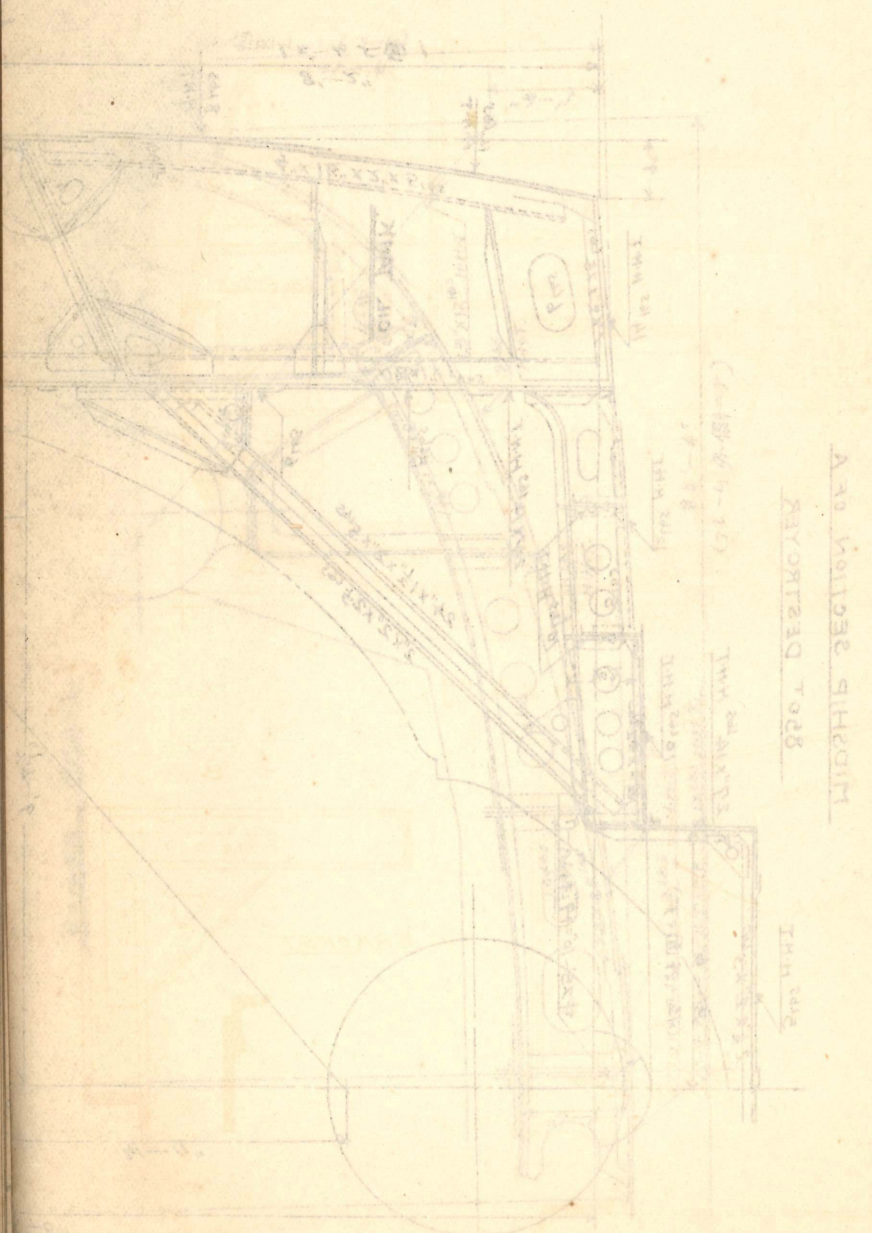
A



B



ANGLE BULB

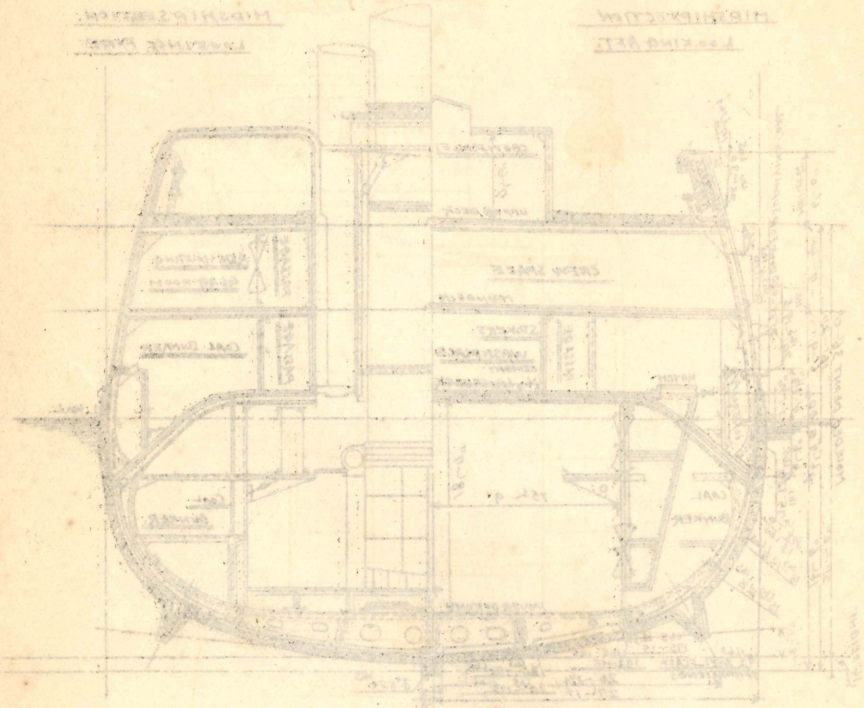


MIDSHIP SECTION

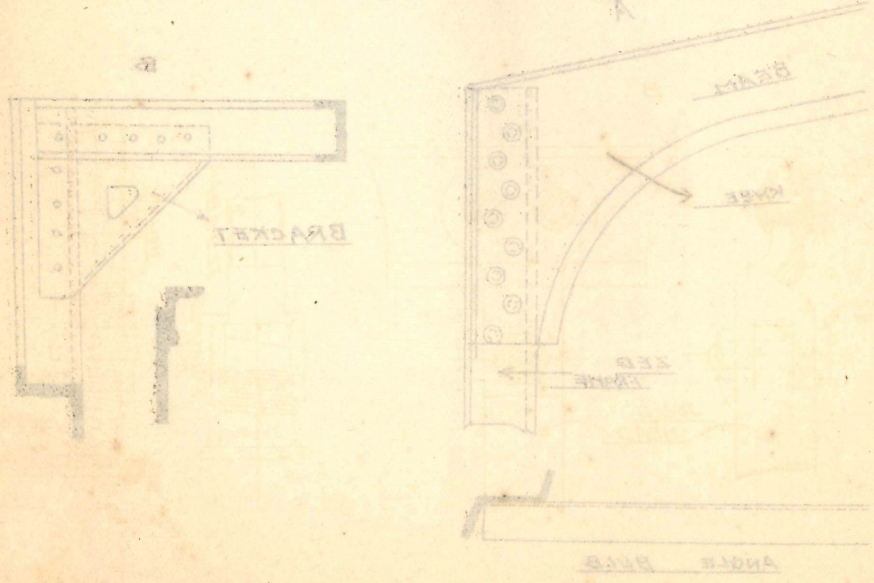
第19回



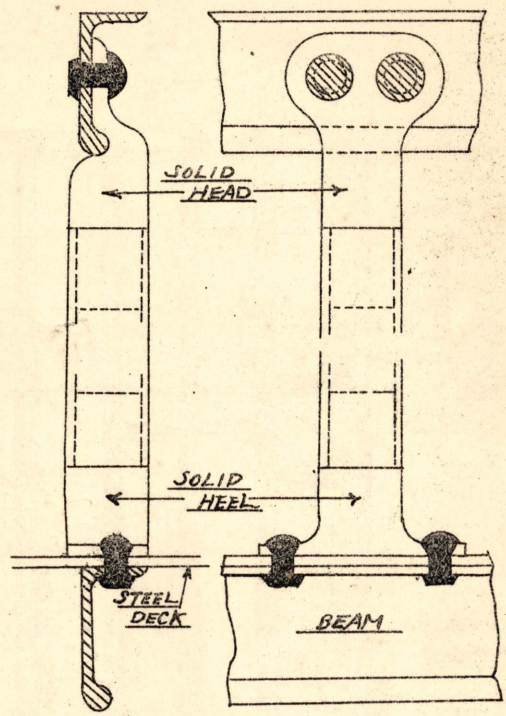
圖 11 第  
 第 11 圖



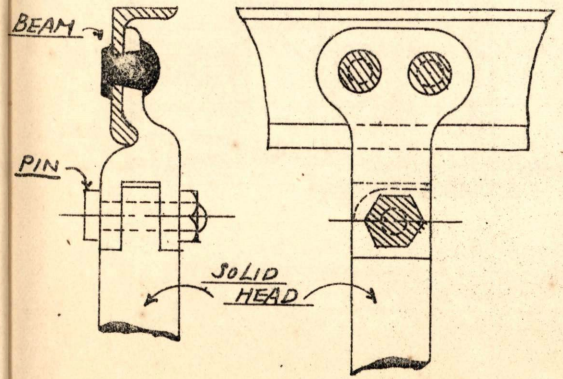
第 11 圖



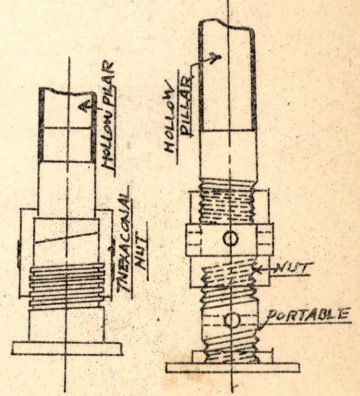
第 21 圖 Pillar  
 A



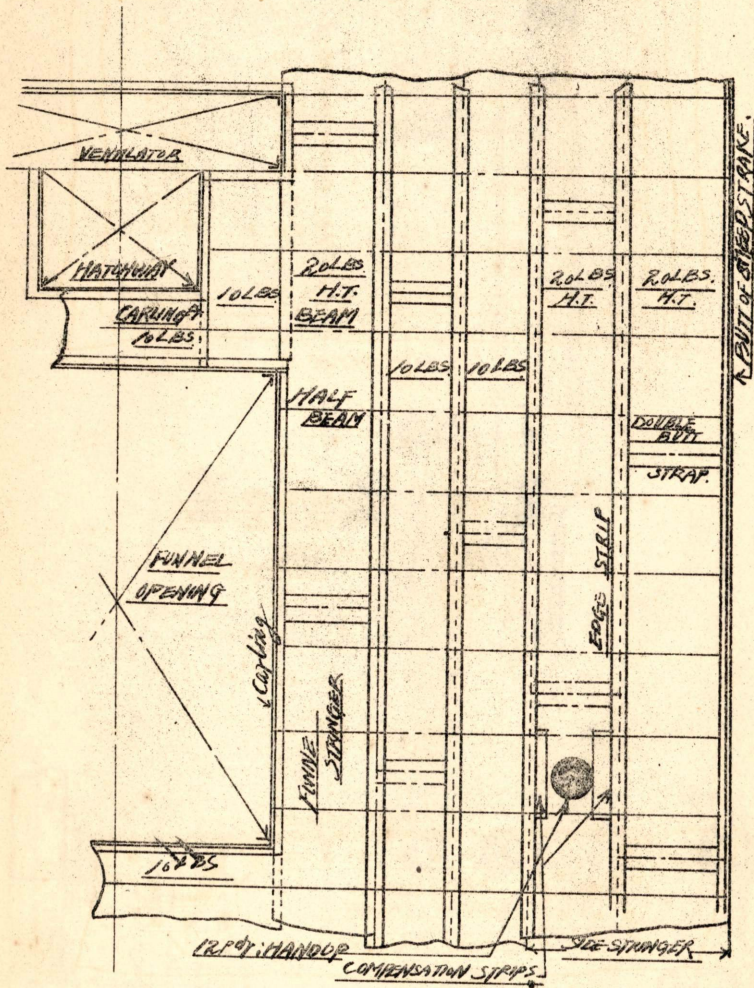
B



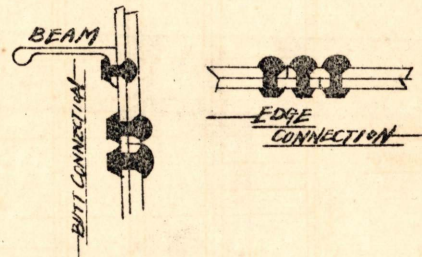
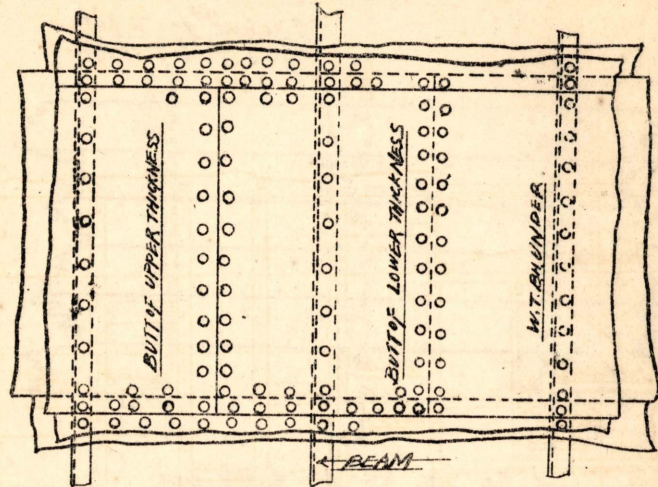
C



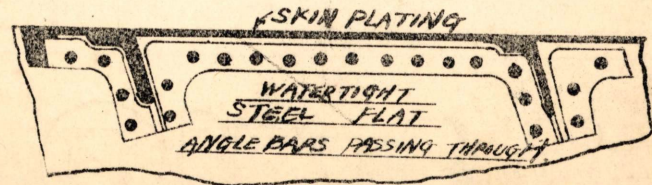
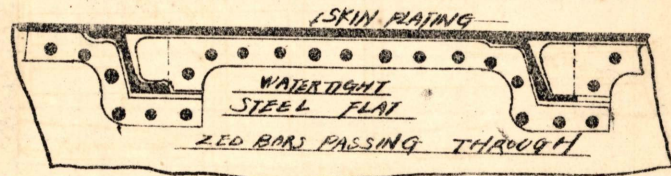
第 22 图



第 23 图



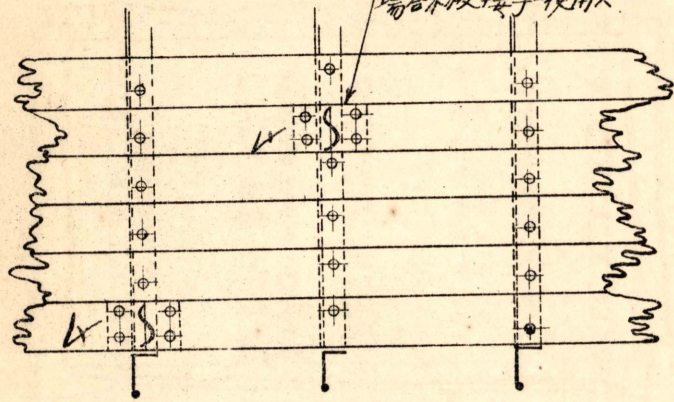
第 24 图



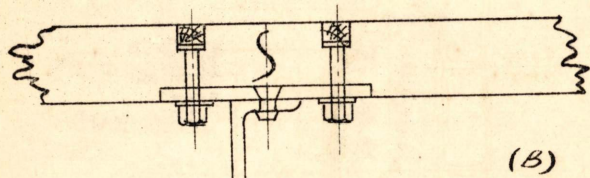
第25圖 (A)

鋼板ナット

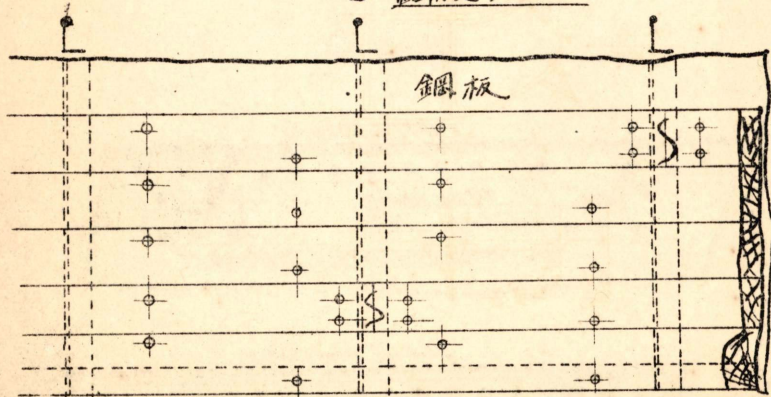
9'x6'x1/2" 917L-11  
場合木板接手-使用入



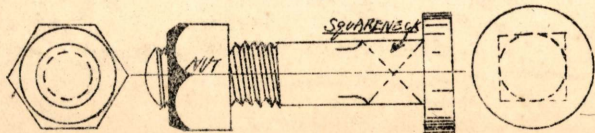
× 印 木板接手詳細



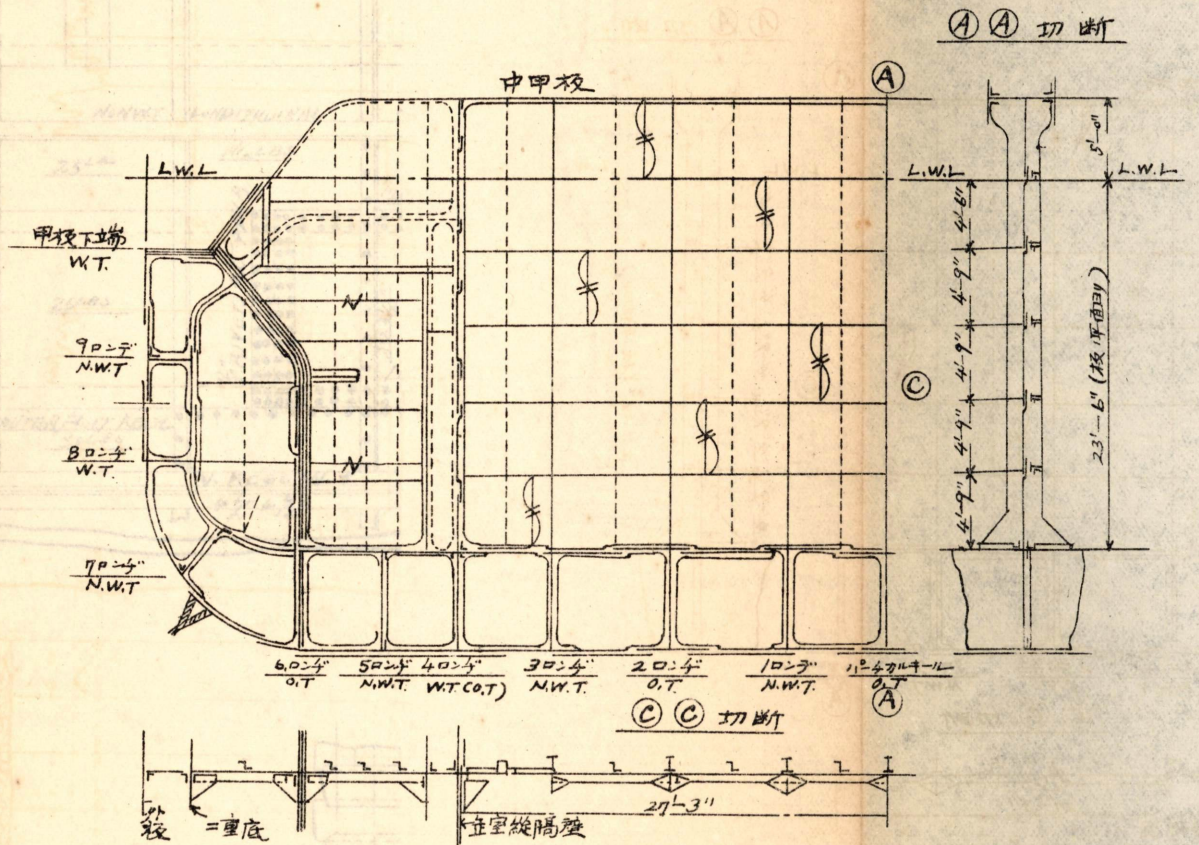
鋼板ナット



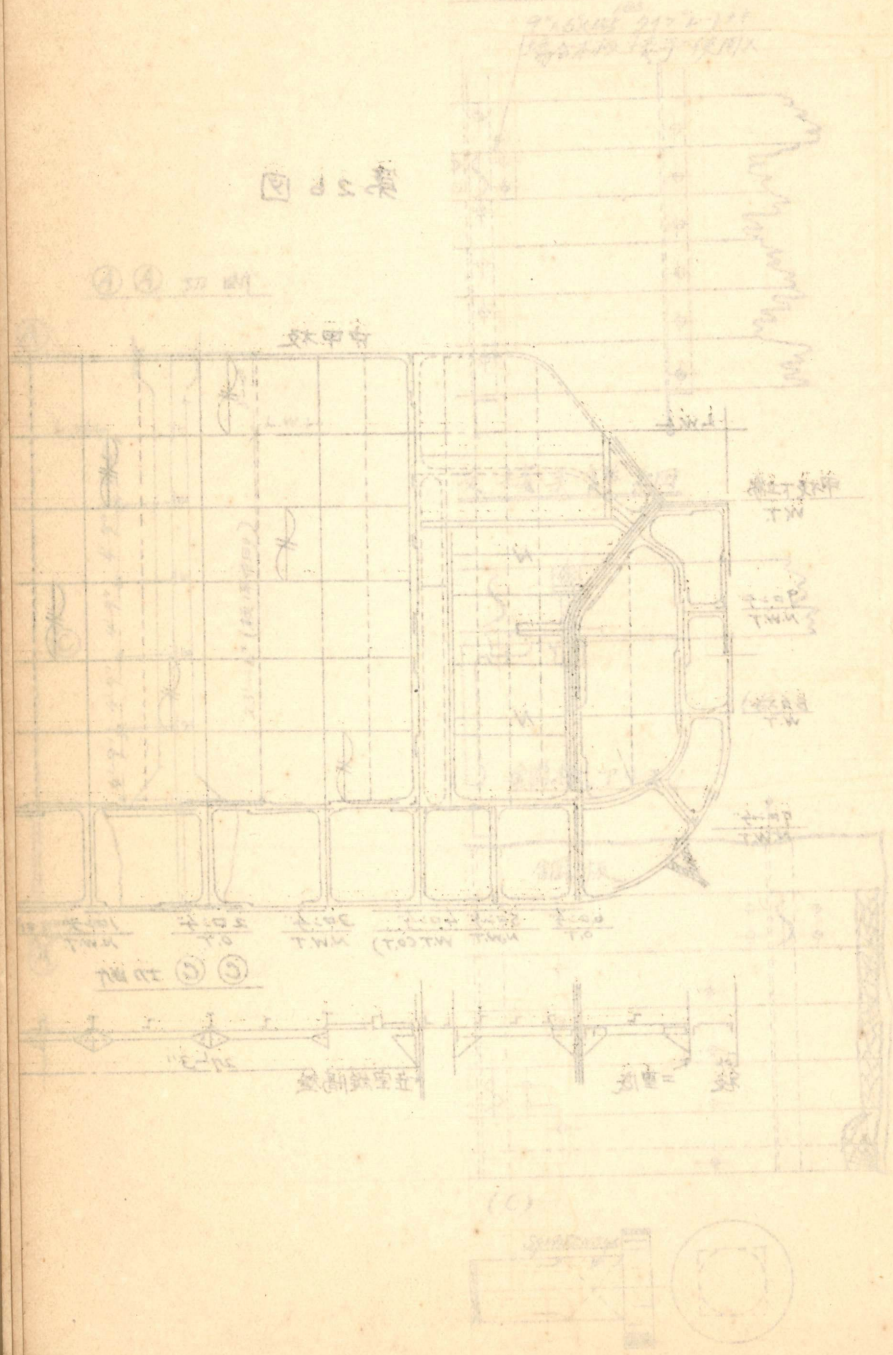
(C)



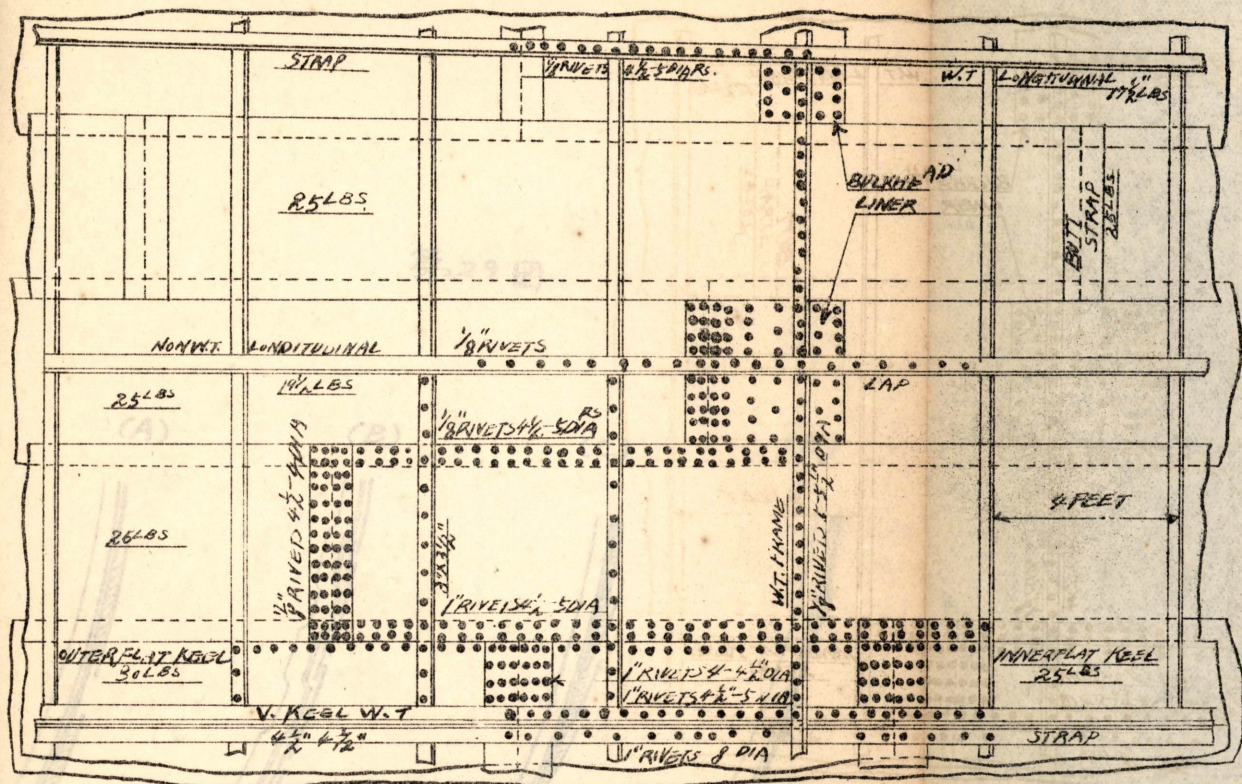
第26圖



第27图



第27图



RIVETING OF OUTER BOTTOM PLATING

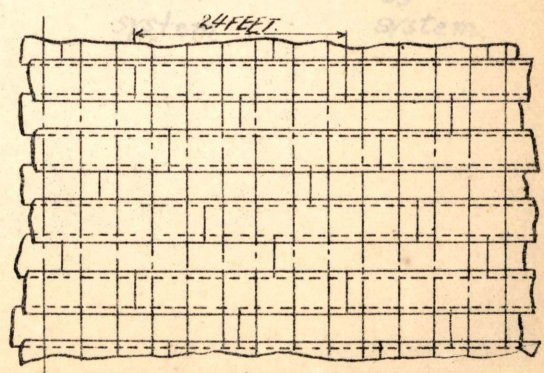
第28图

raised  
sinker  
system

flush  
system

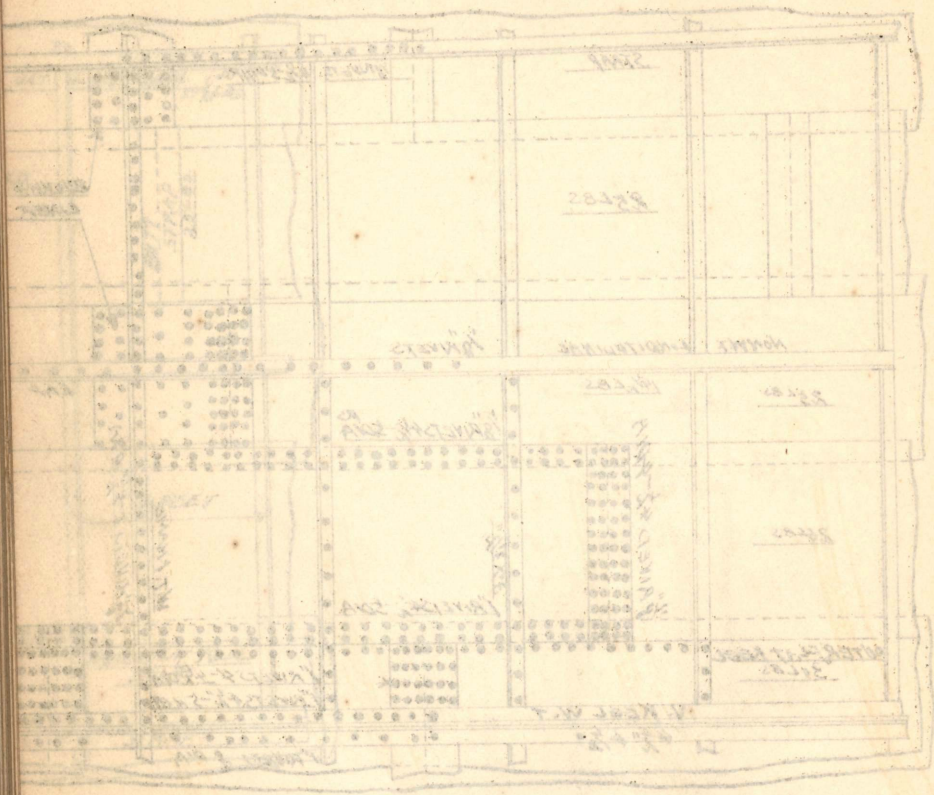
clinker  
system

tagged  
system

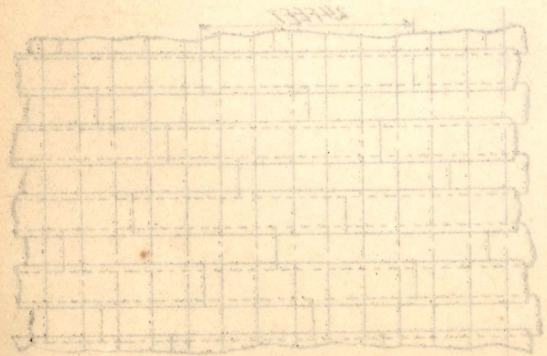


SHIFT OF BUTTS

第28圖



第28圖



第28圖

第29圖

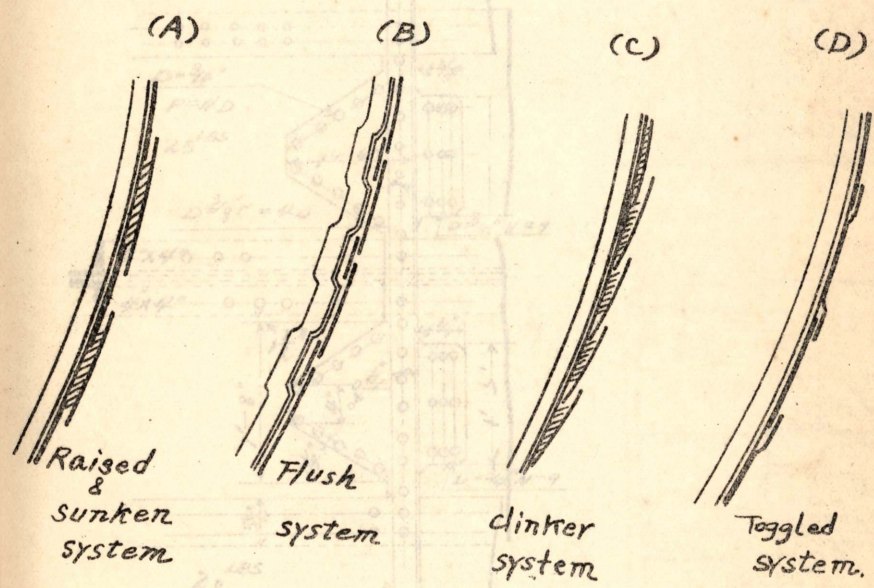
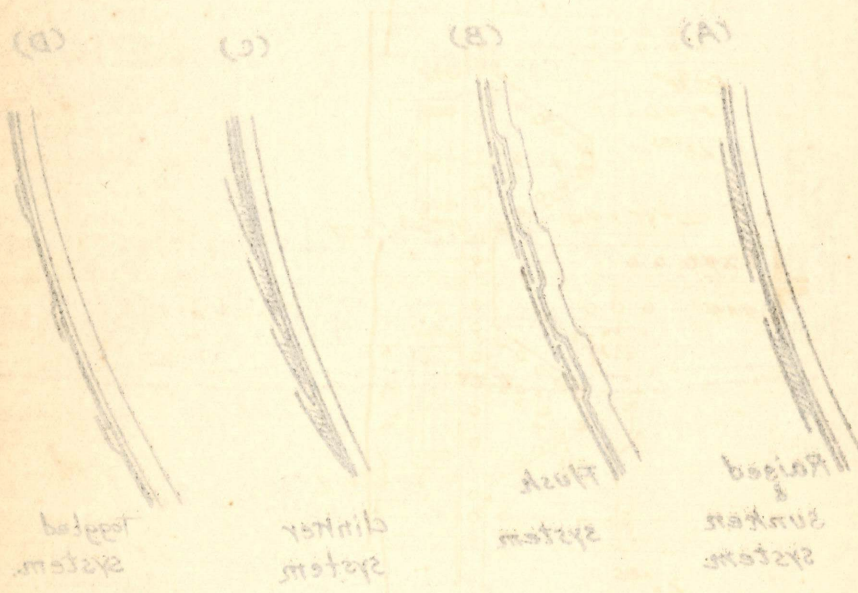


圖 25 葉



第 29 圖

(E)

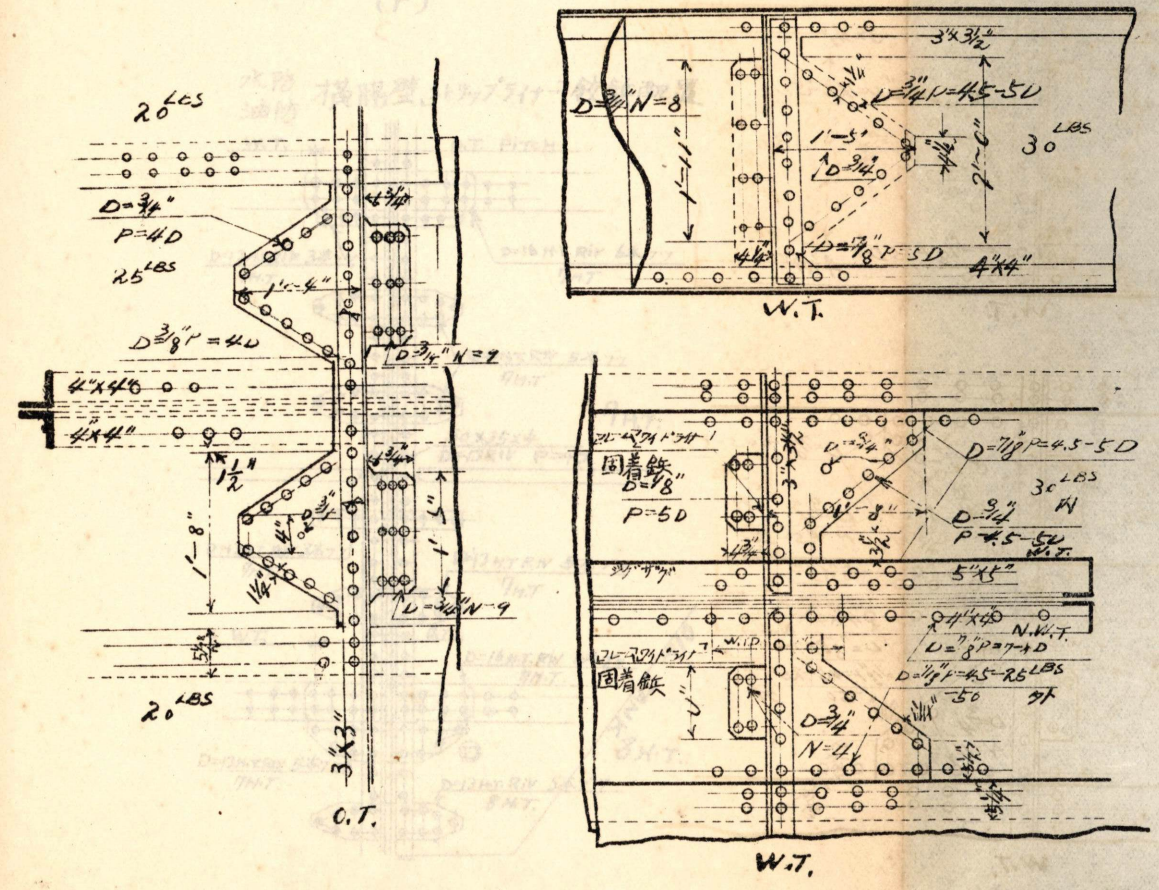
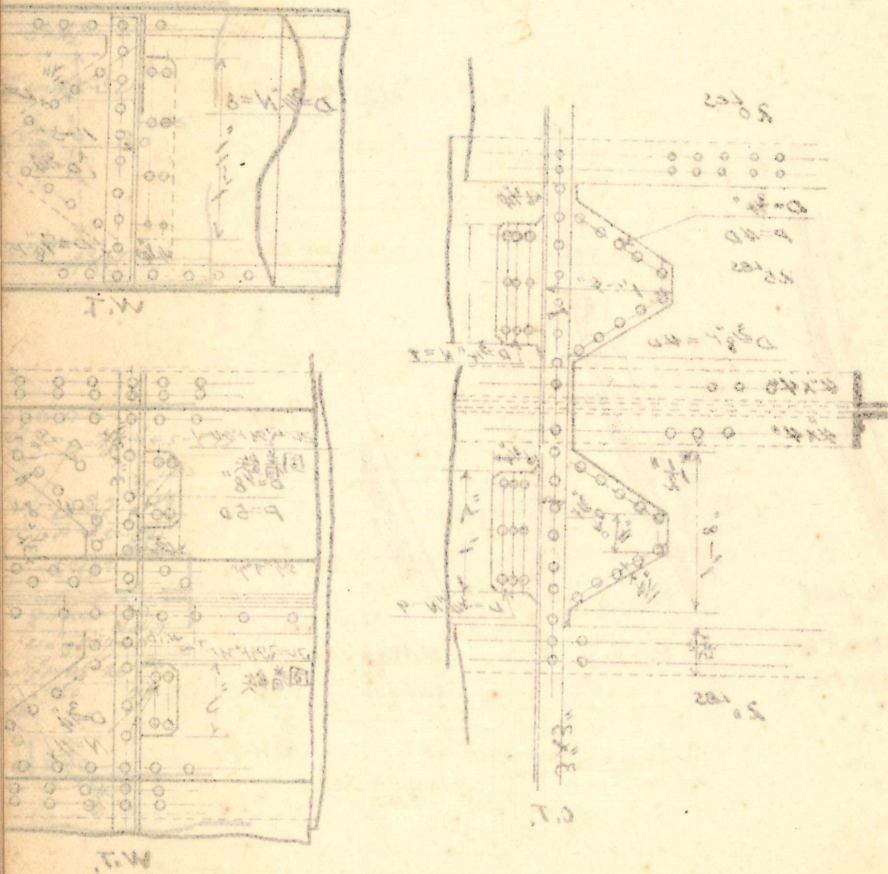


図 12 榮

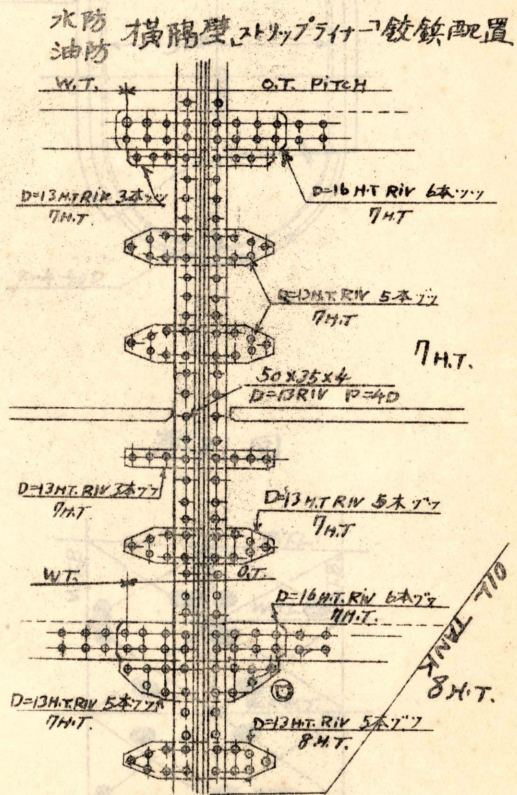
(三)



第 30 圖  
水防人孔圖

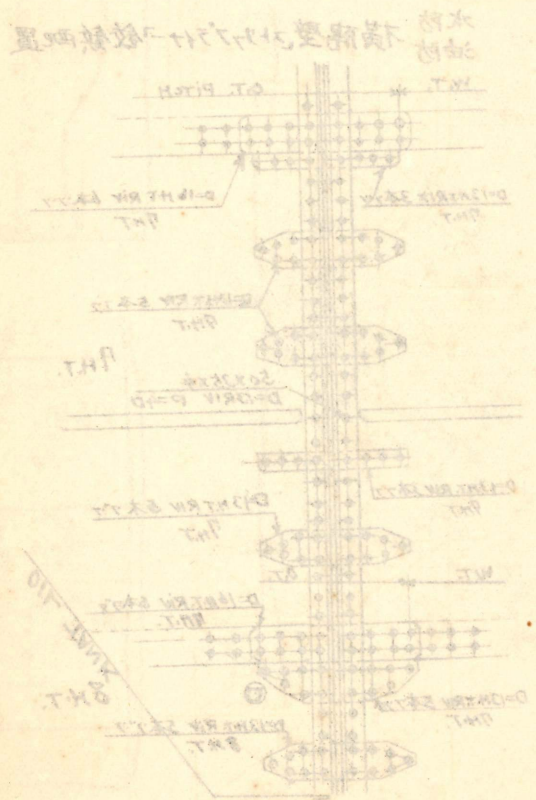
第 29 圖

(F)



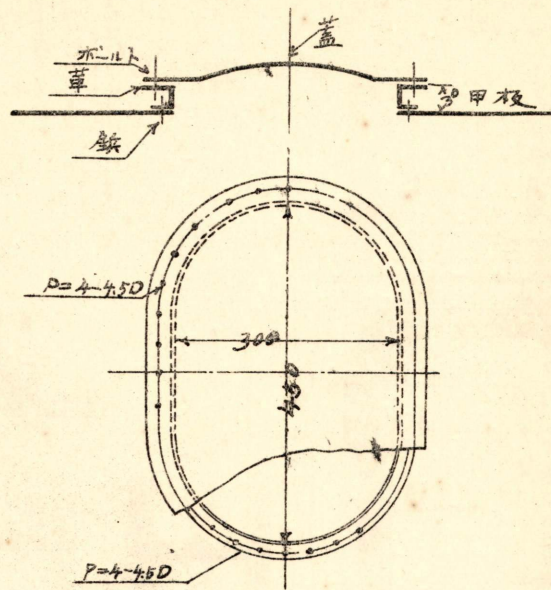
第29圖

(F)

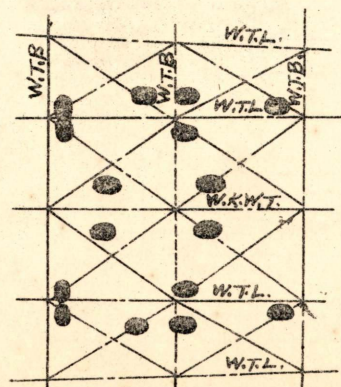


第30圖

永防人孔圖

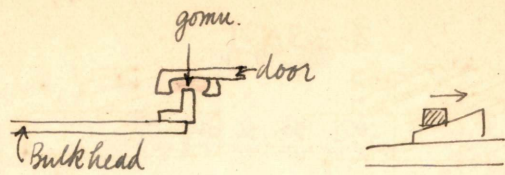


第31圖



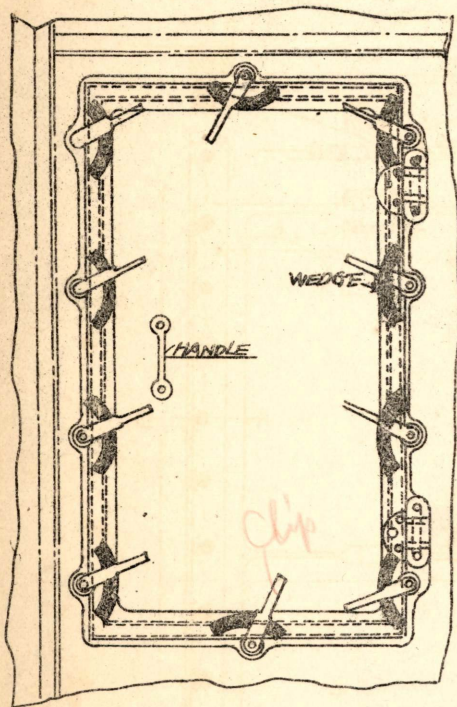
Manholes in inner bottom





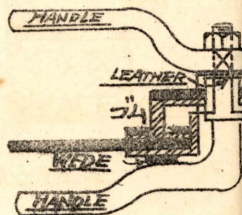
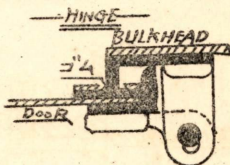
第32图  
Hinged door.

A



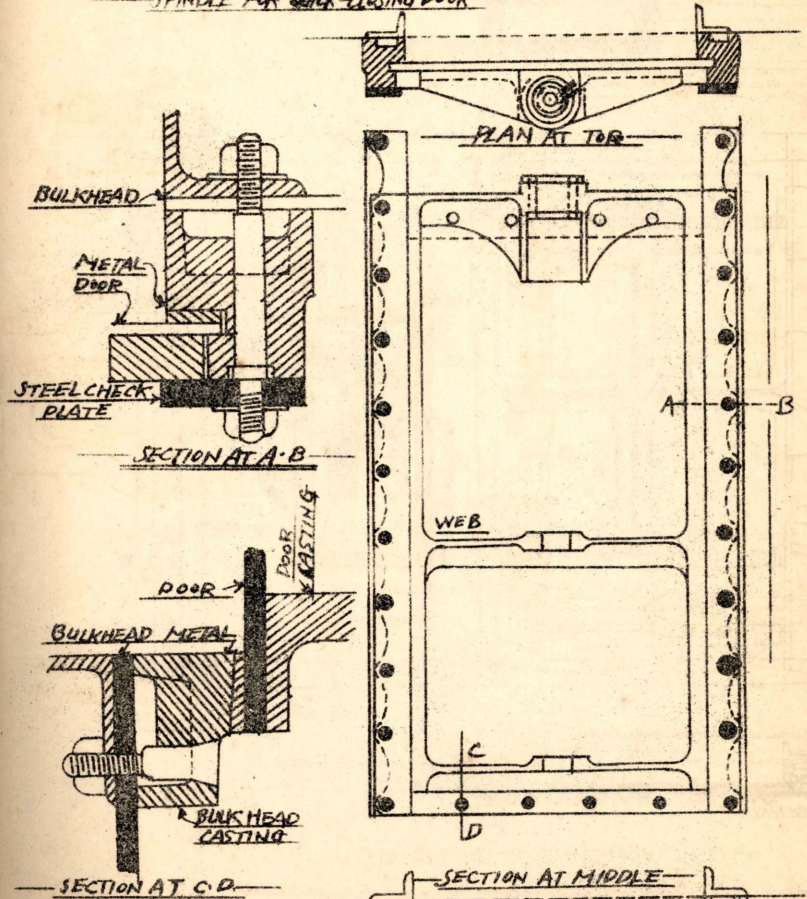
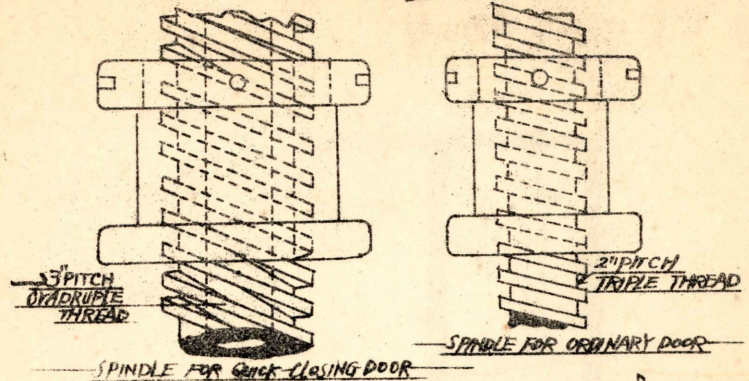
Hinged water tight door.

B



Vertical sliding door.

第33图

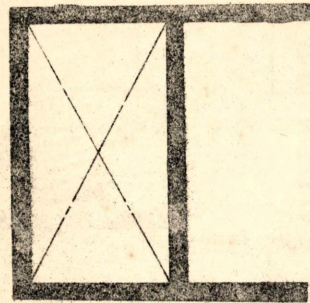


Vertical sliding water tight door

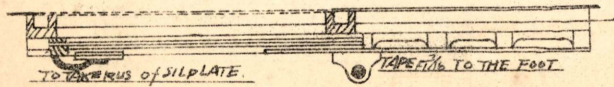
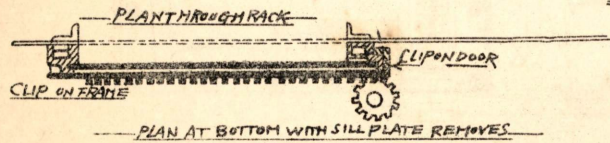
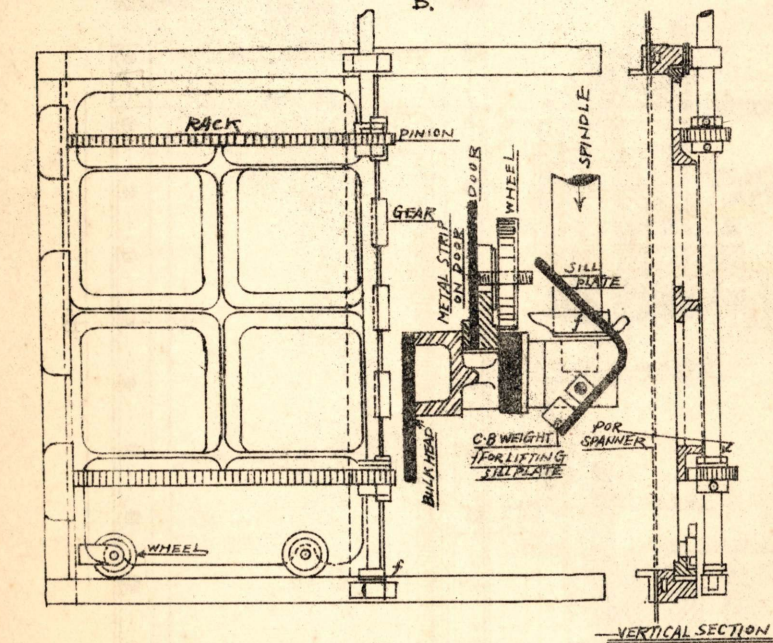
Horizontal sliding door.

第34图

A.



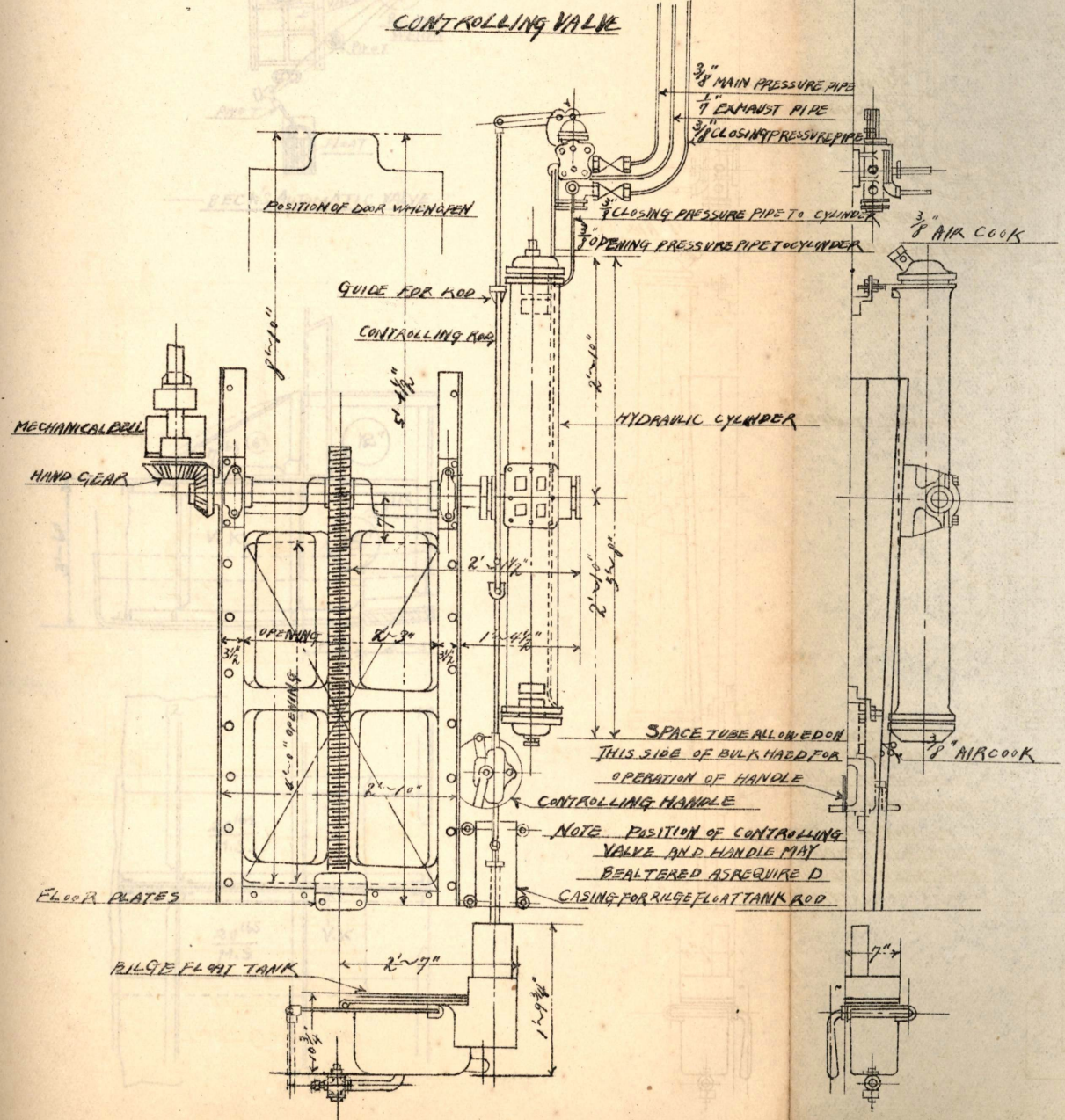
B.



Horizontal sliding water tight door

第35图

STONE LOYD WATER-TIGHT DOOR  
FOR  
"KAWACHI"  
SCALE  $\frac{1}{2}'' = 1$  FOOT.



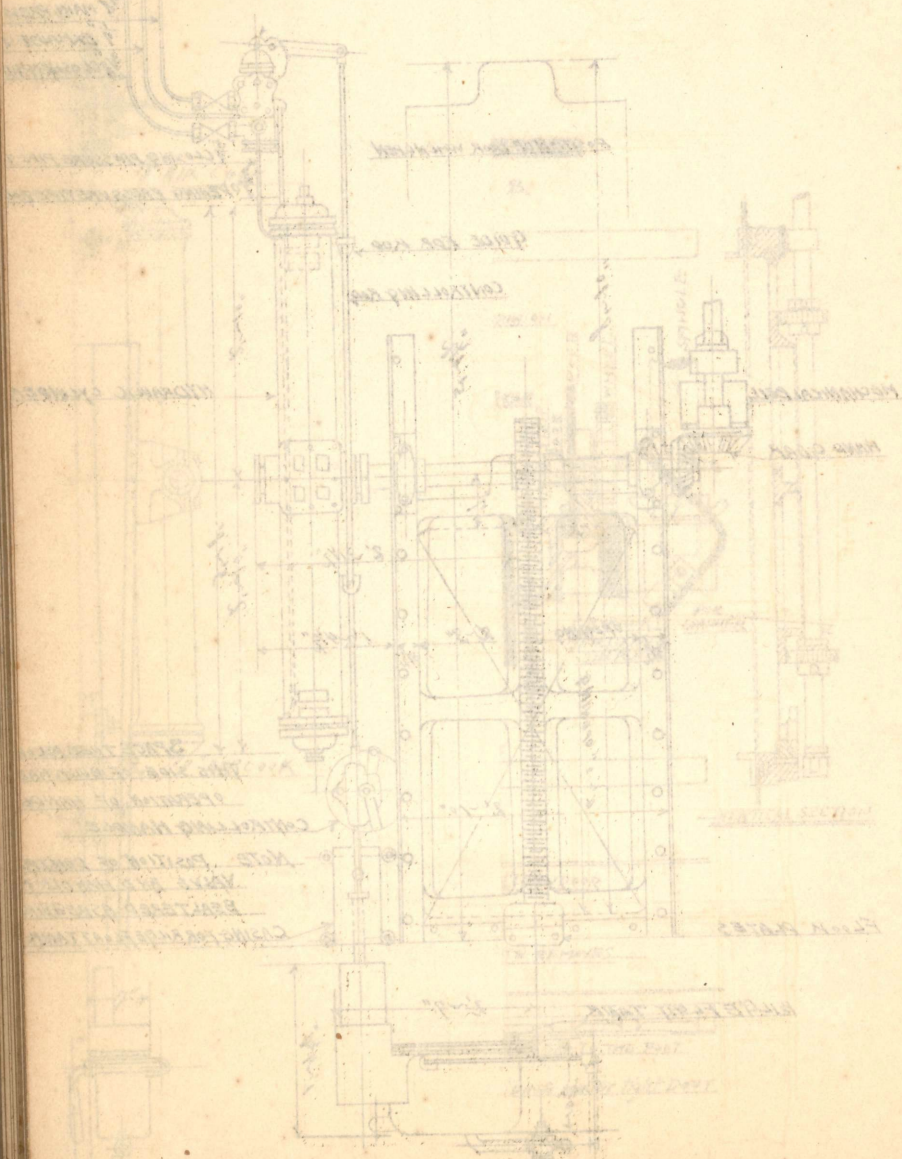
第35圖

SCALE 1/4" = 1"

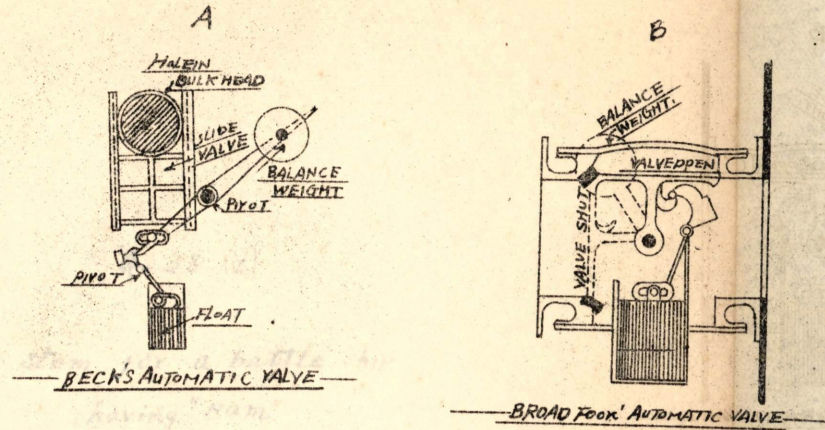
FOR

SCALE 1/4" = 1"

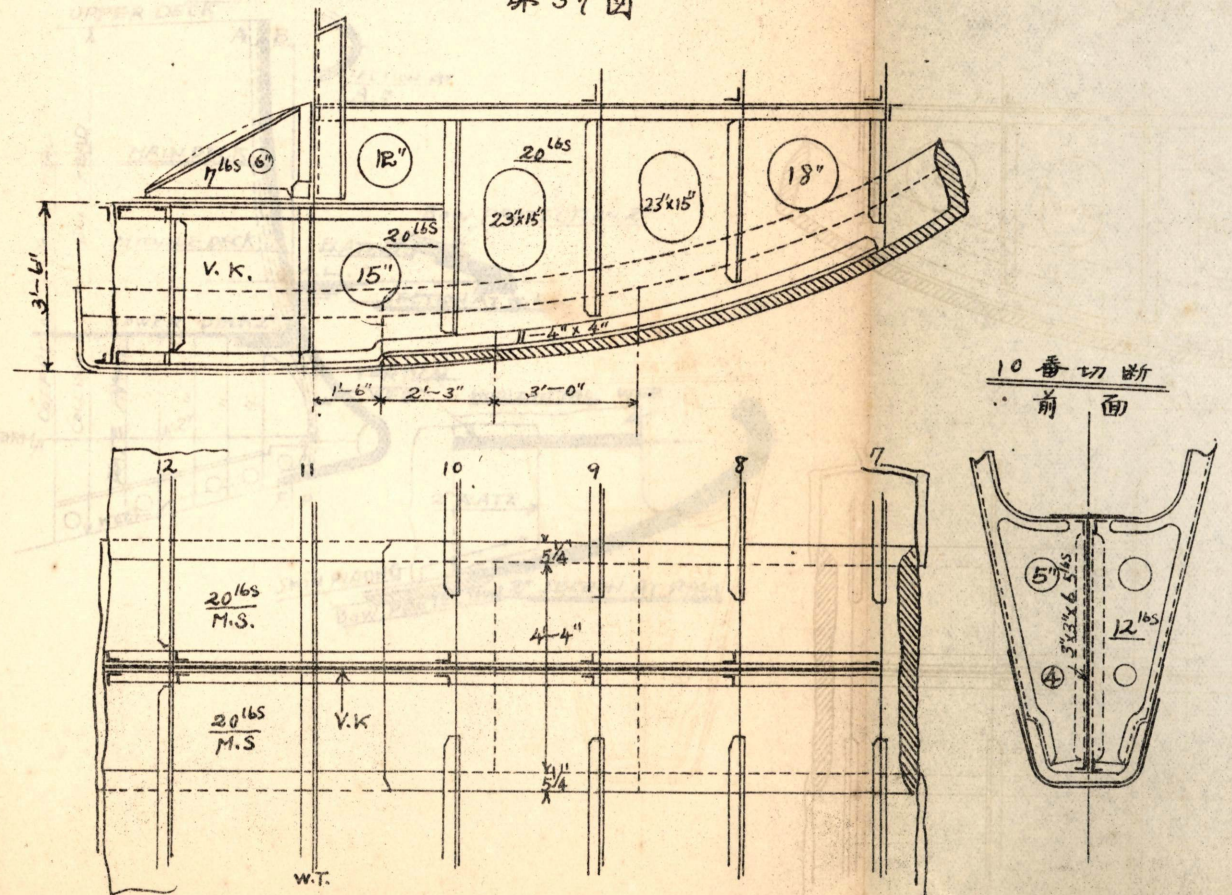
CONSTRUCTION WORK



第36圖



第37圖



10番切断  
前面

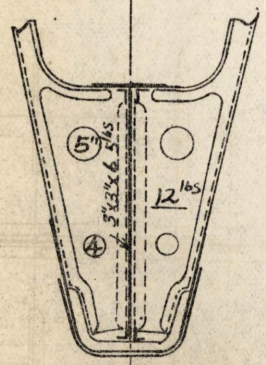


圖 4 E 英

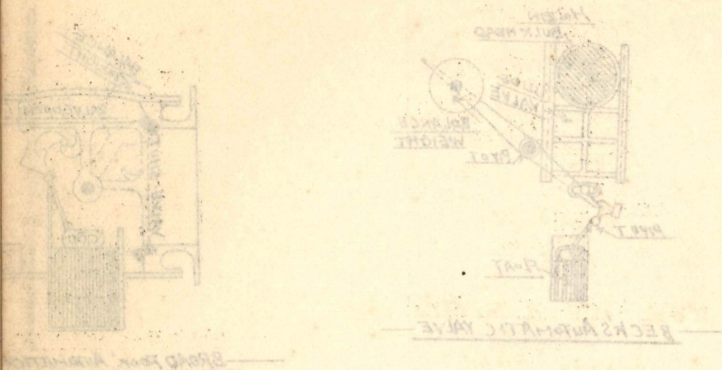
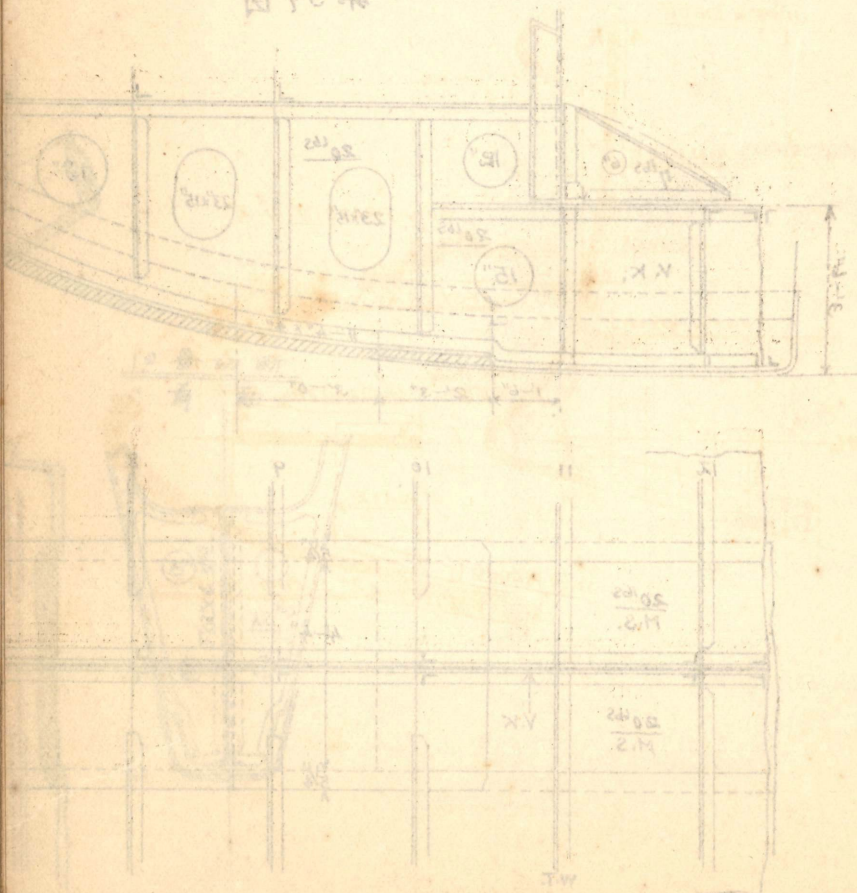
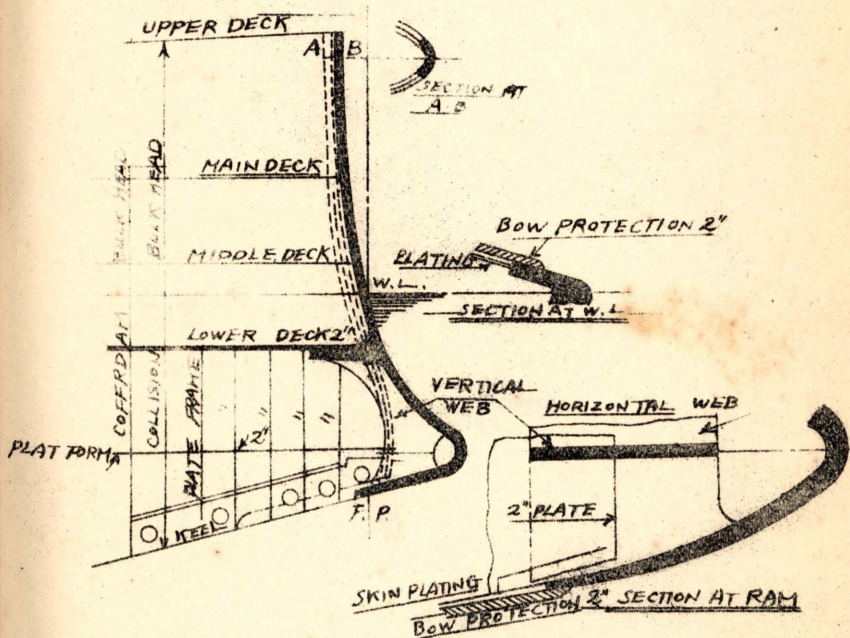


圖 7 E 英



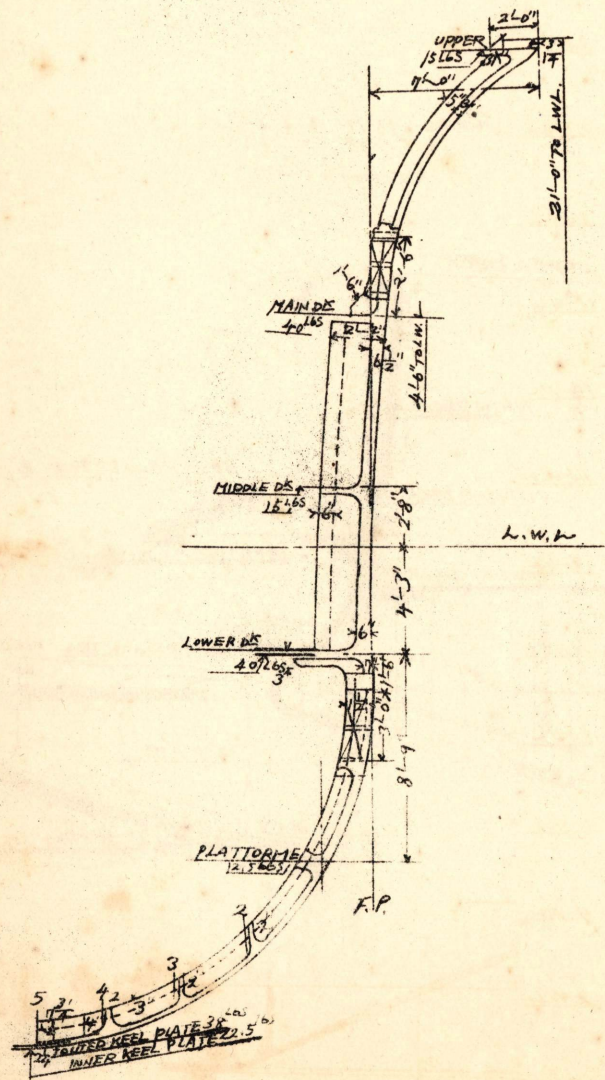
第 38 图

stem for a battle ship  
having "ram".

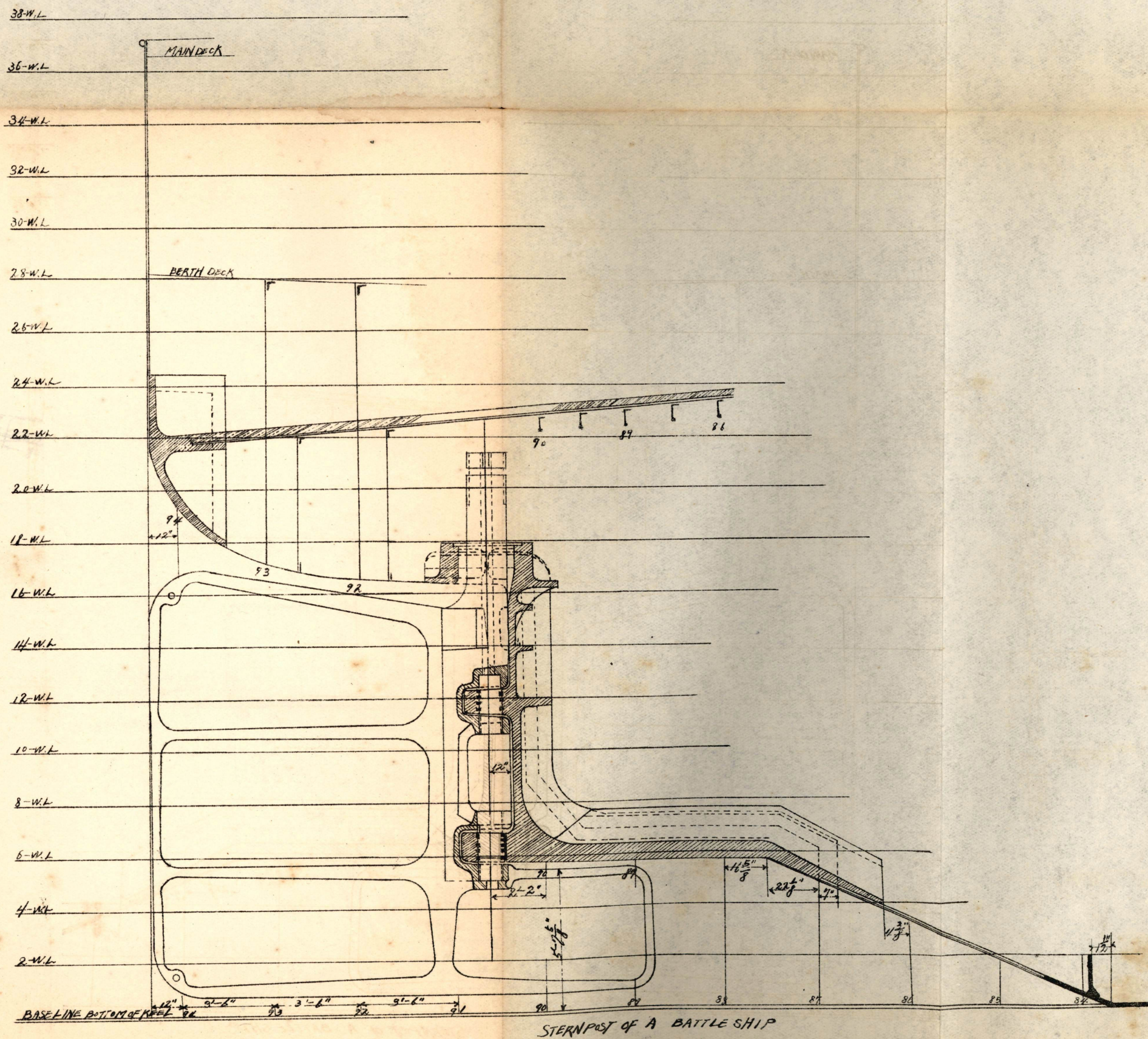


第39图

STEM  
FOR  
"SATSUMA"  
SCALE  $\frac{1}{8} = 1 \text{ FT}$

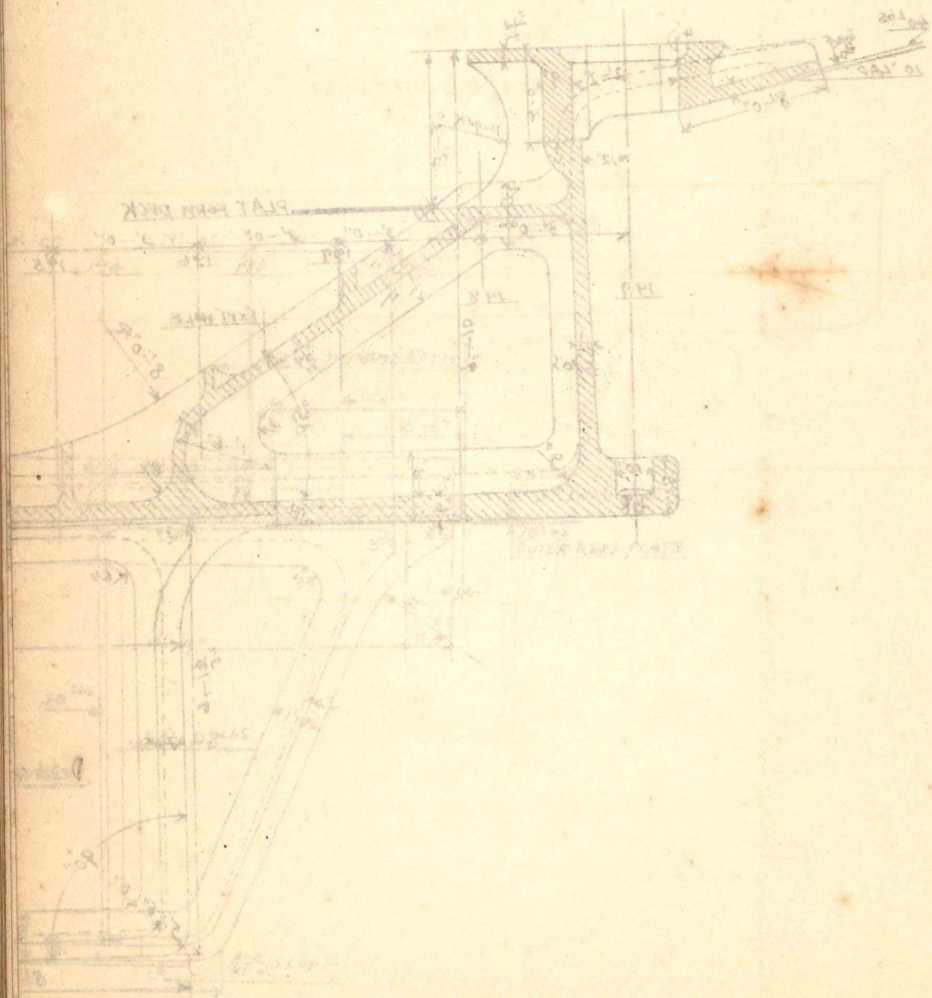


第40图(A)





第40圖  
STERN-POST  
FOR  
"SATSUMA"  
SCALE 1/4" = 1"



第41圖

STERN POST FOR A BATTLESHIP.

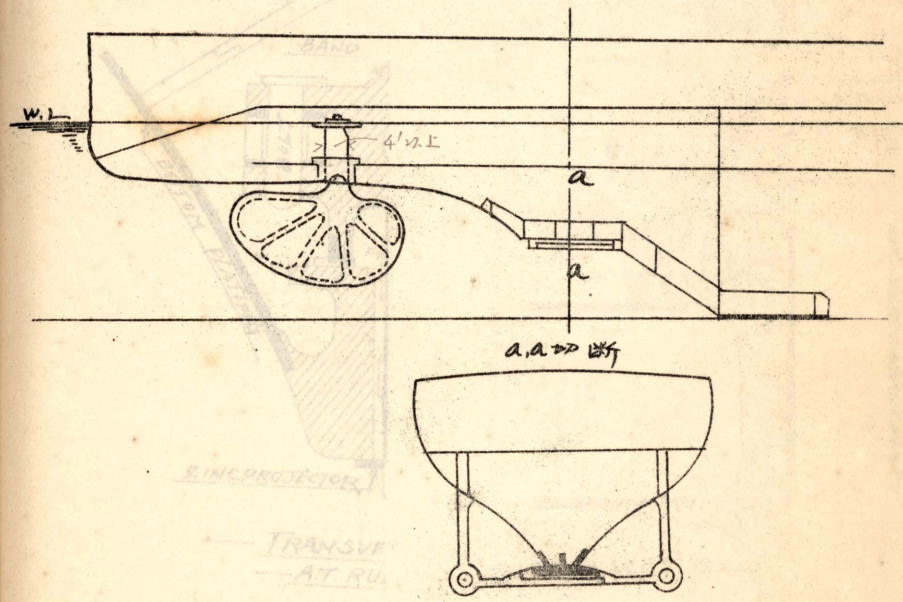
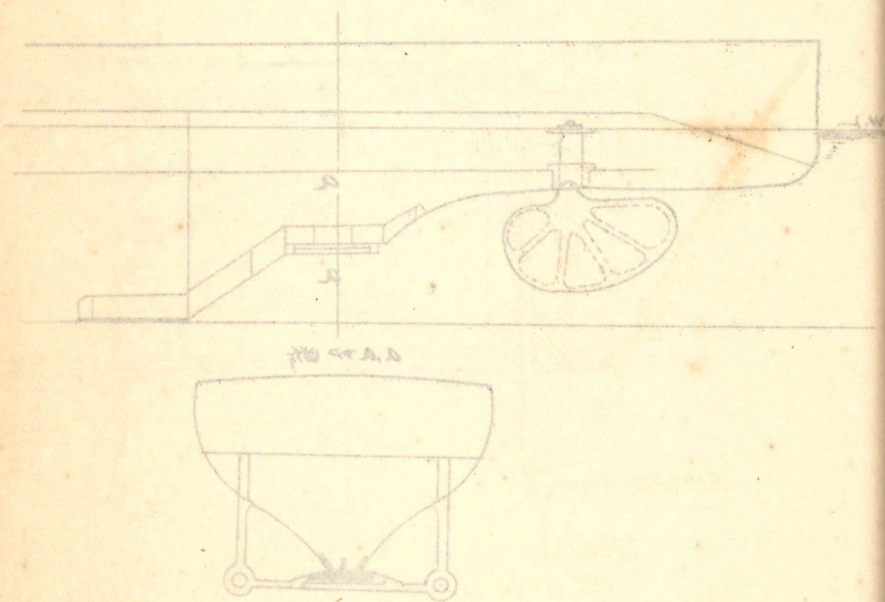


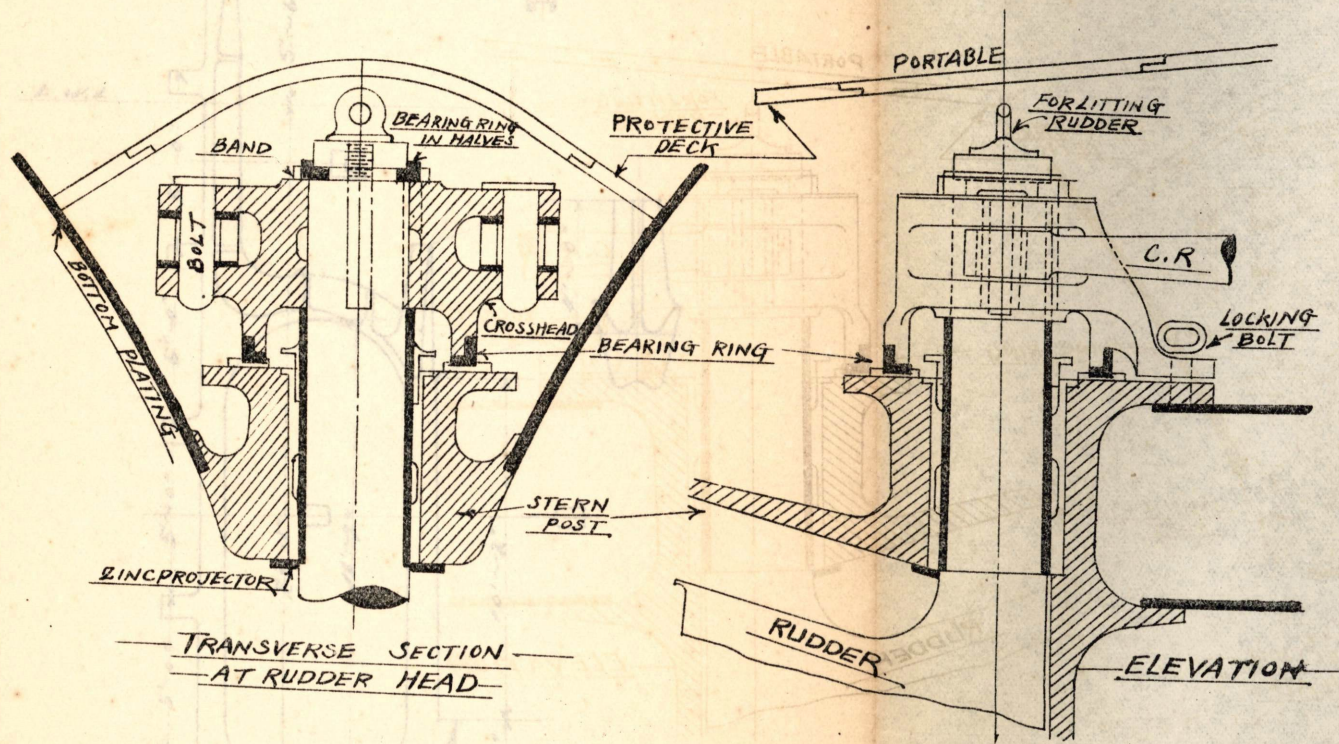
圖 14 第  
STERN POST FOR A BATTLESHIP



第 4 圖 (B)

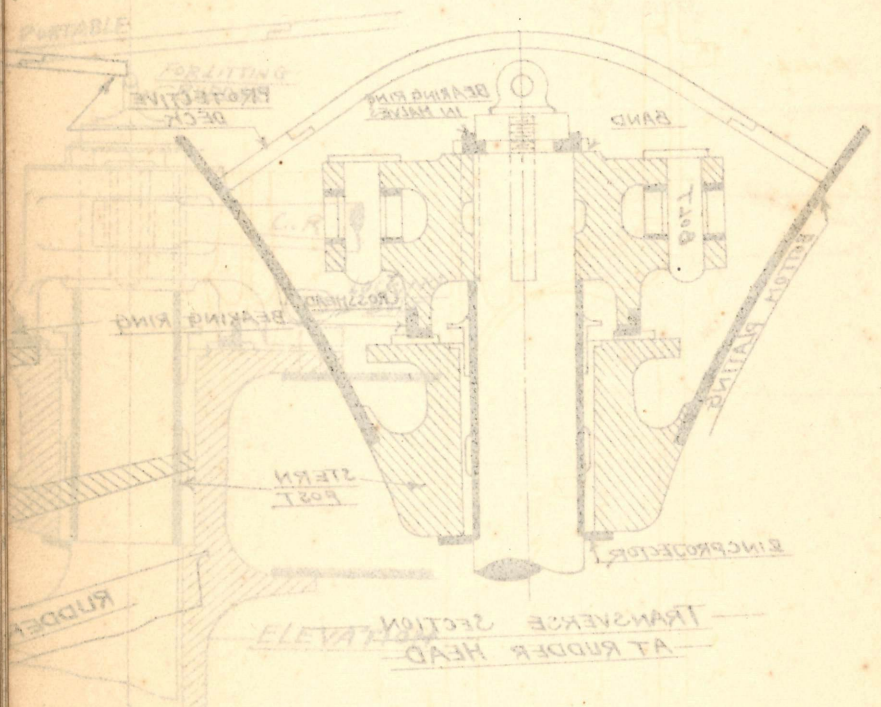
STERN POST OF A SINGLE SCREW SHIP

第 4 圖 (A)



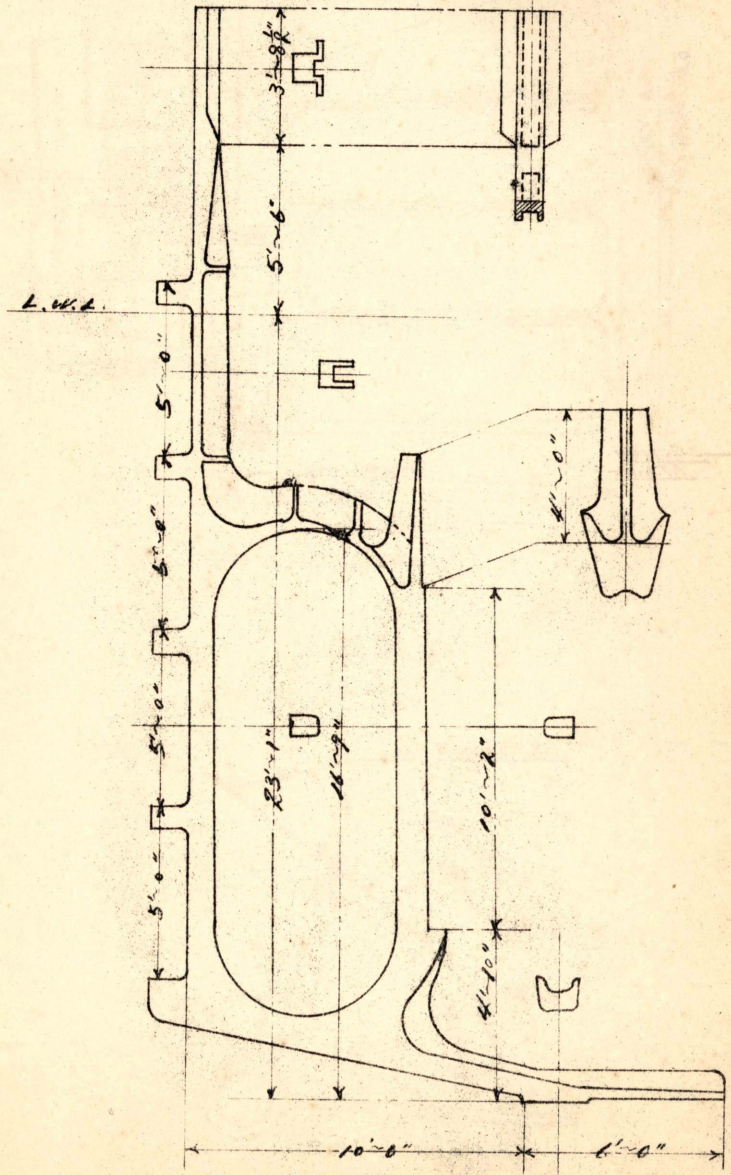


第45圖 (A)

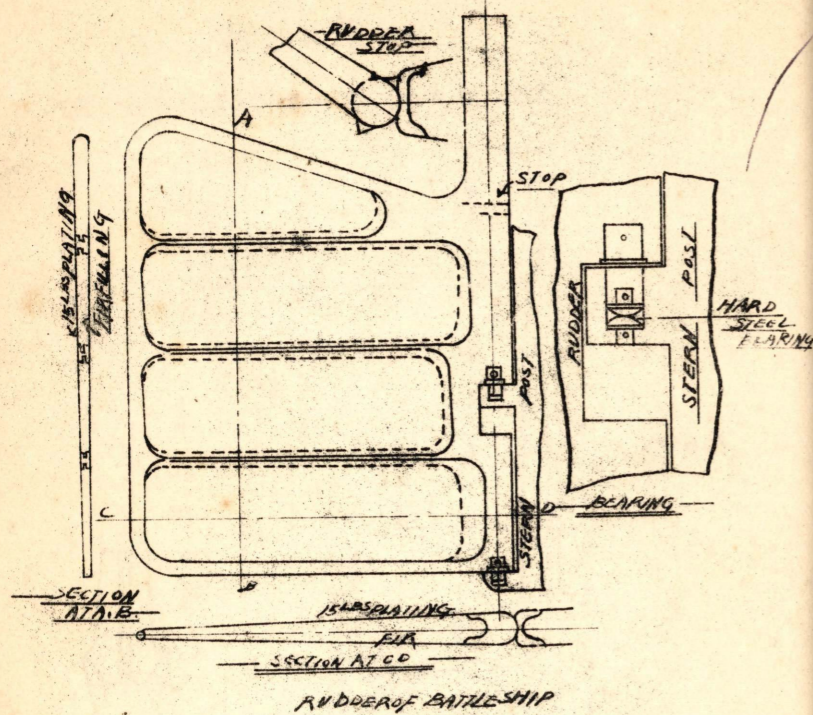


第42圖 (B)

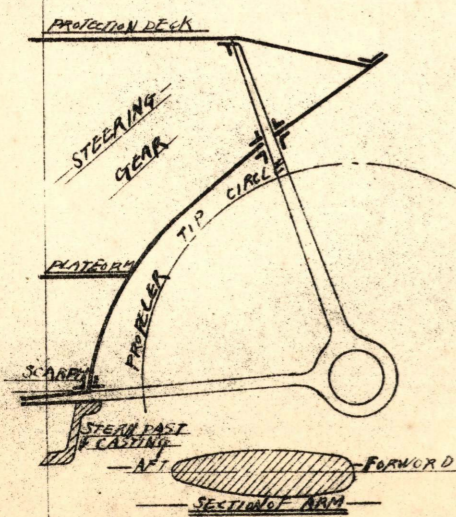
STERN POST OF A SINGLE SCREW SHIP



第43回



第44回

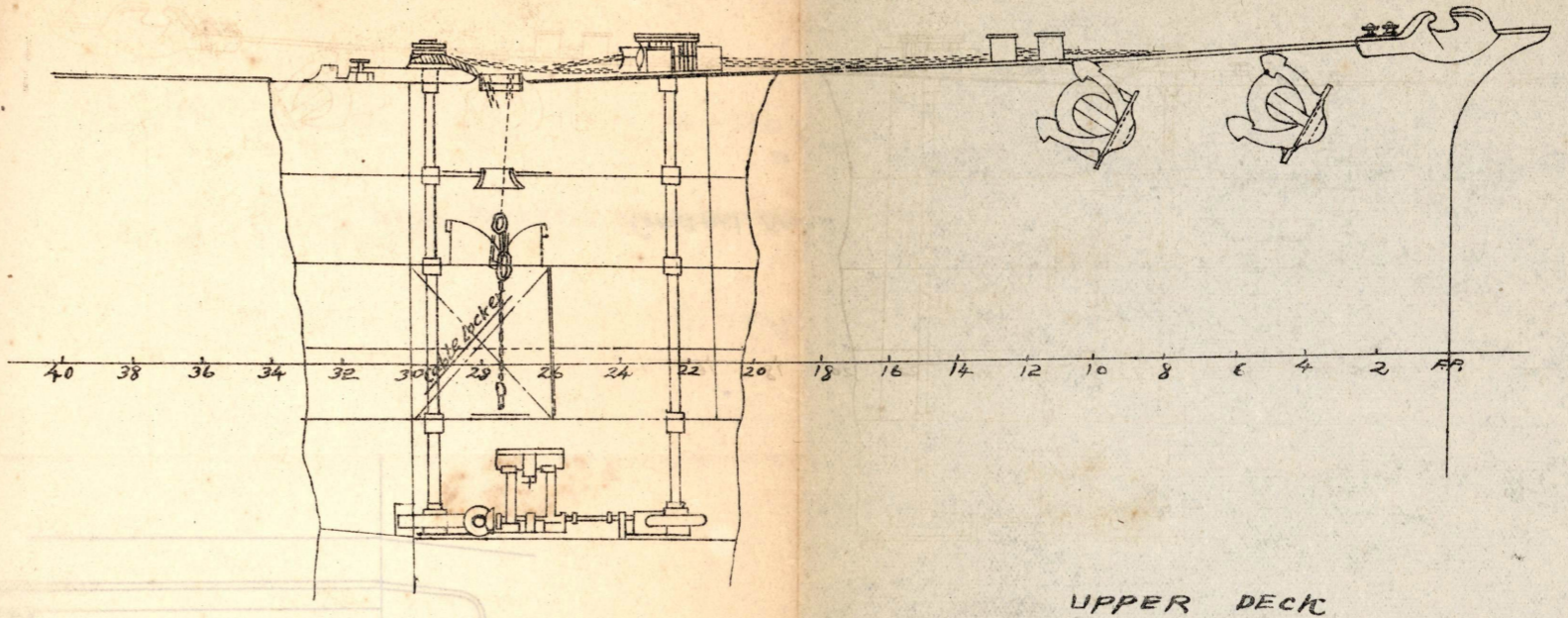


第45回

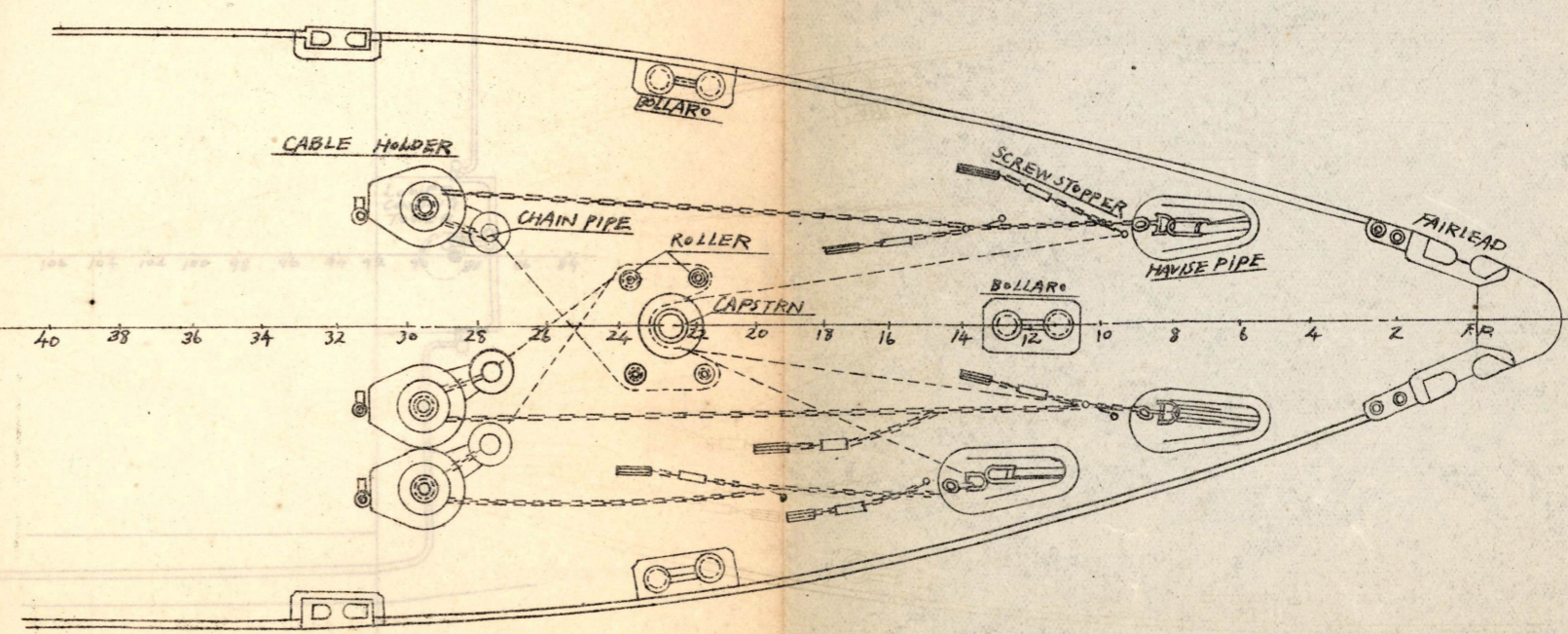
ANCHOR & CABLE ARRANGEMENT

"YAMASHIRO" HIZAMAY

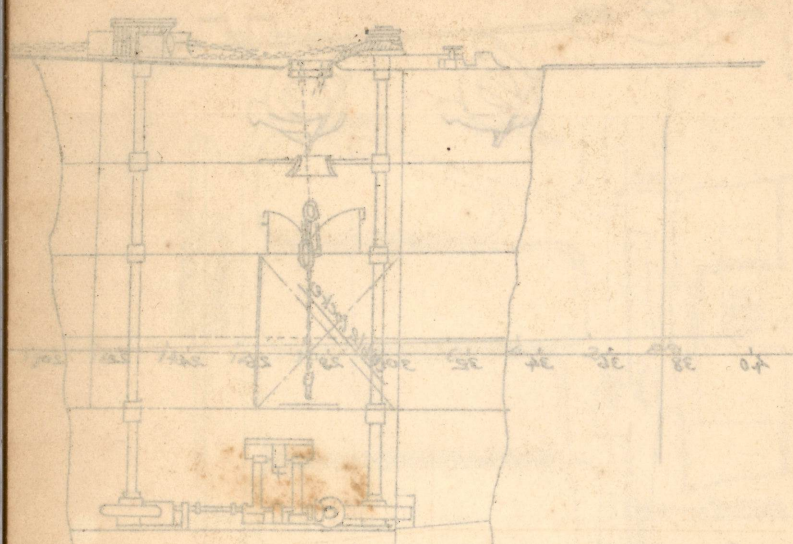
ELEVATION.



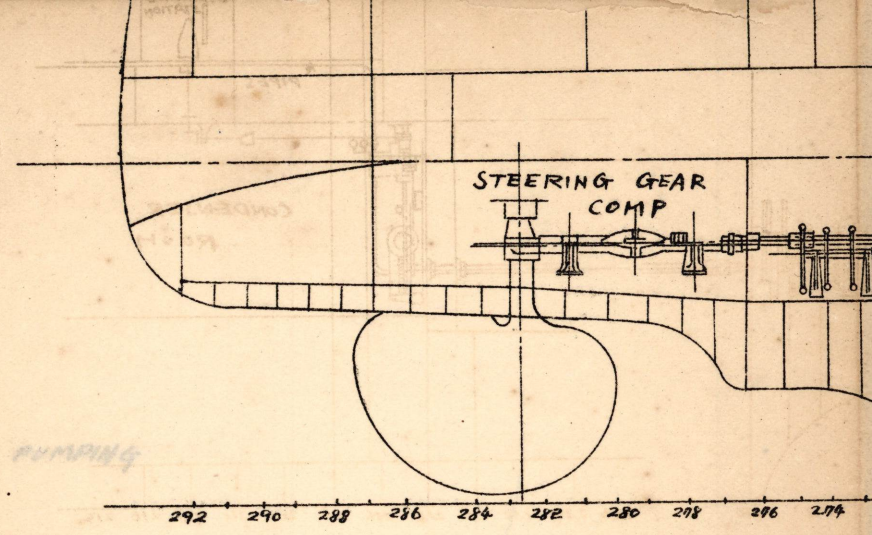
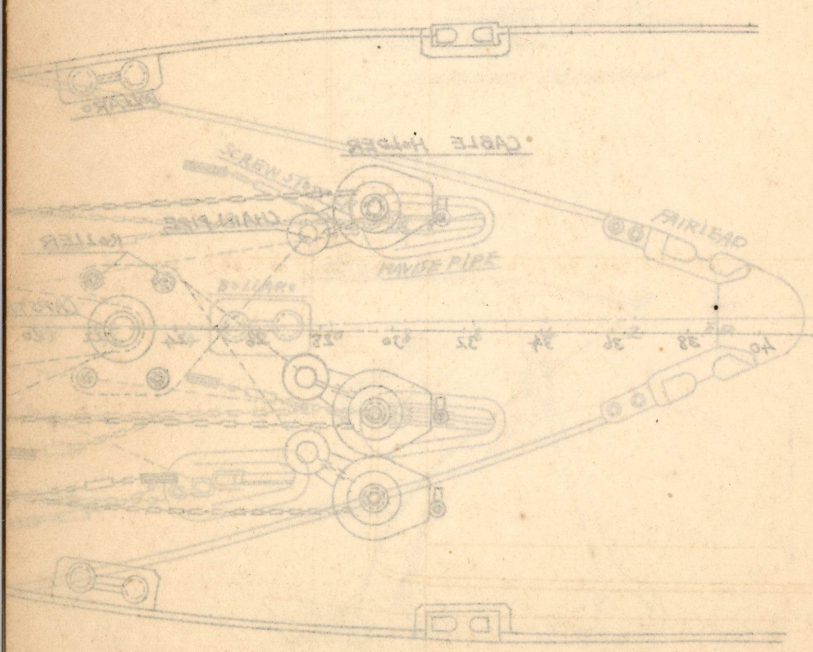
UPPER DECK



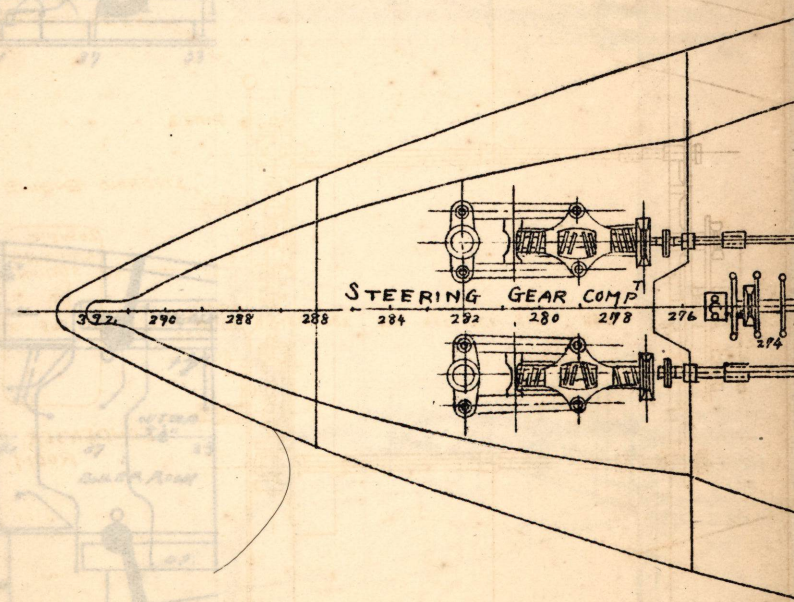
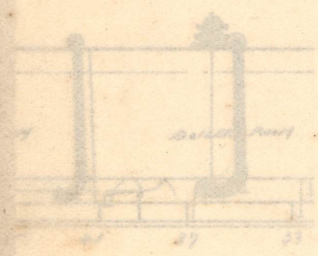
YAMAZAKI



UPPER DECK



PUMPING

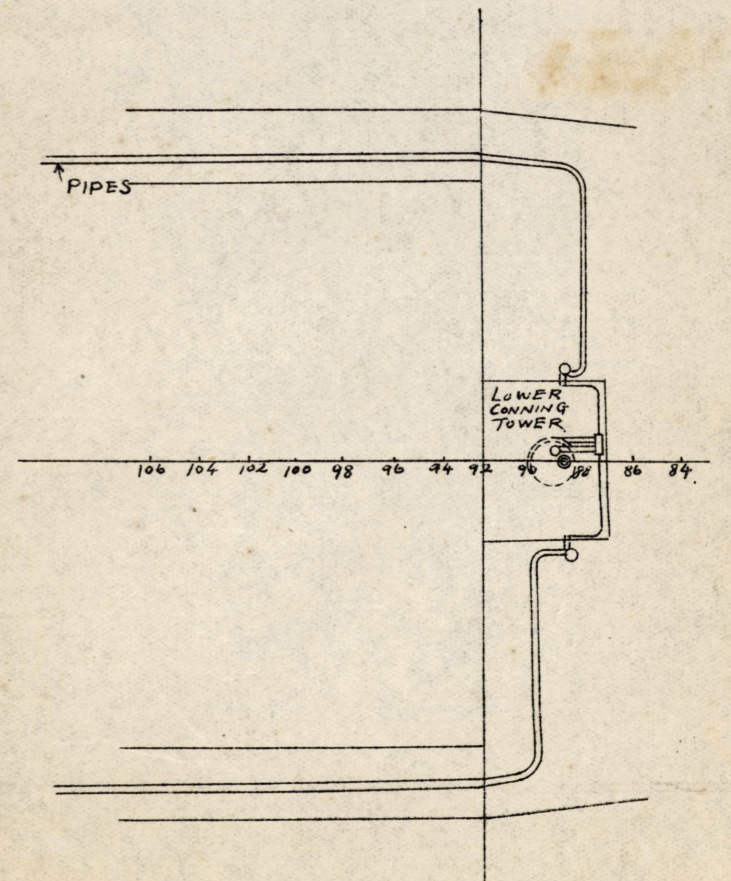
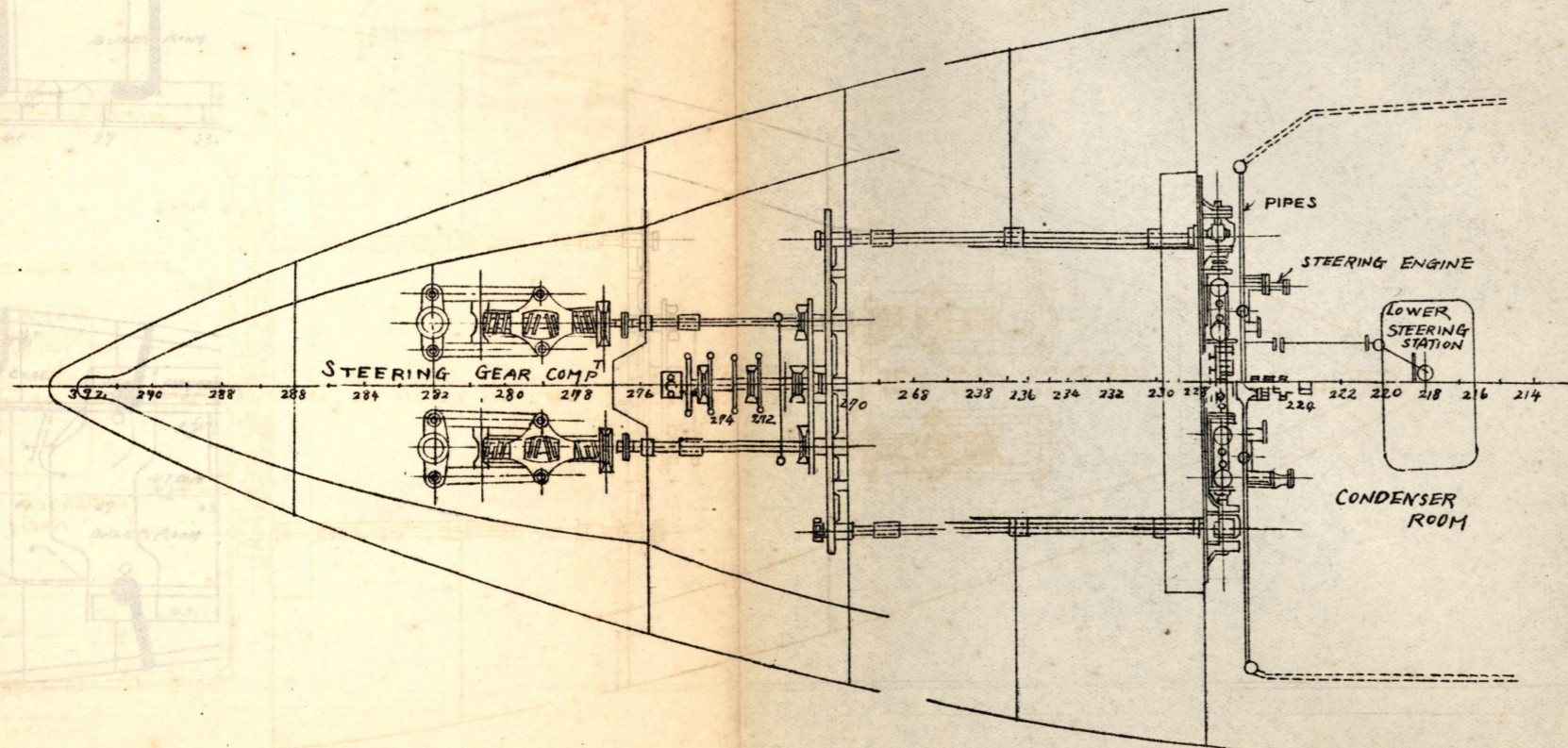
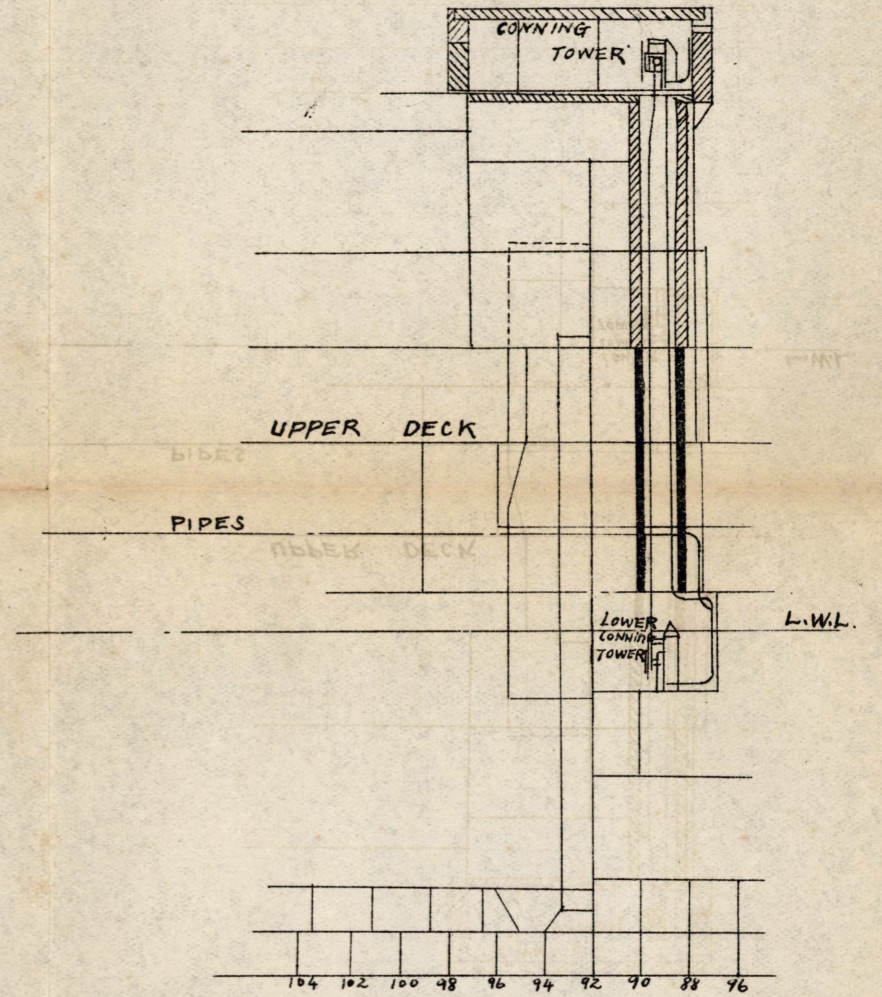
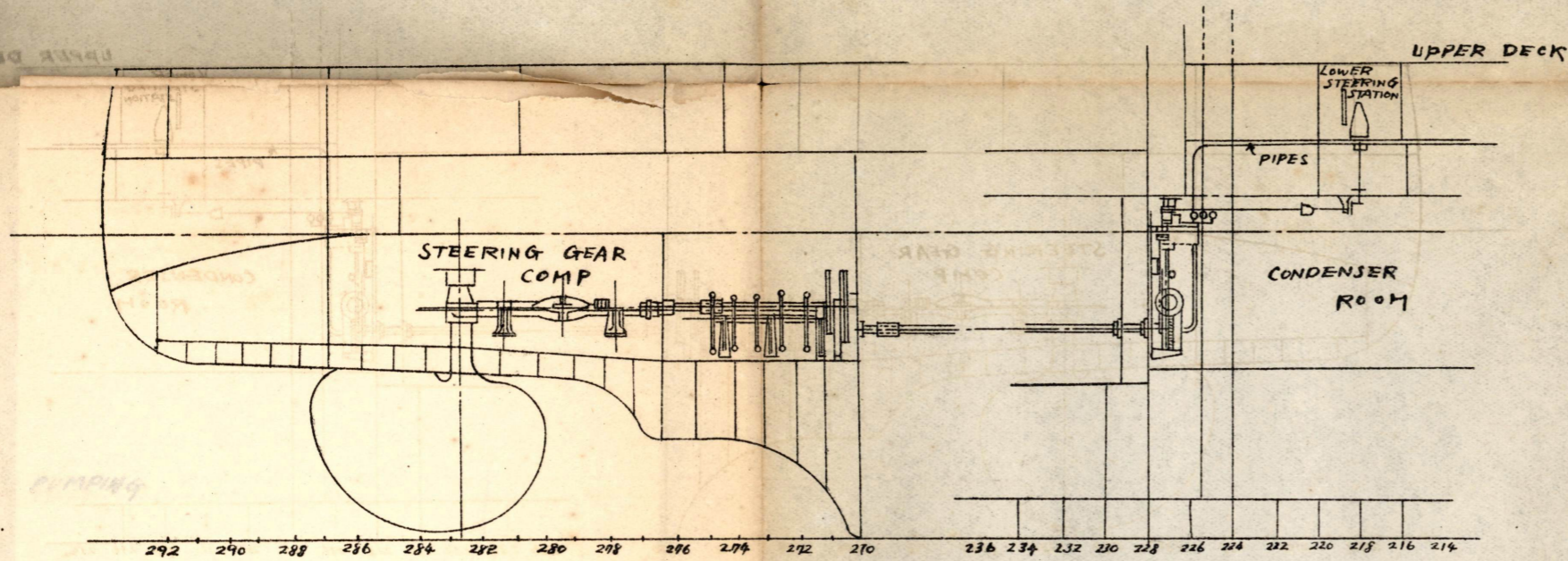


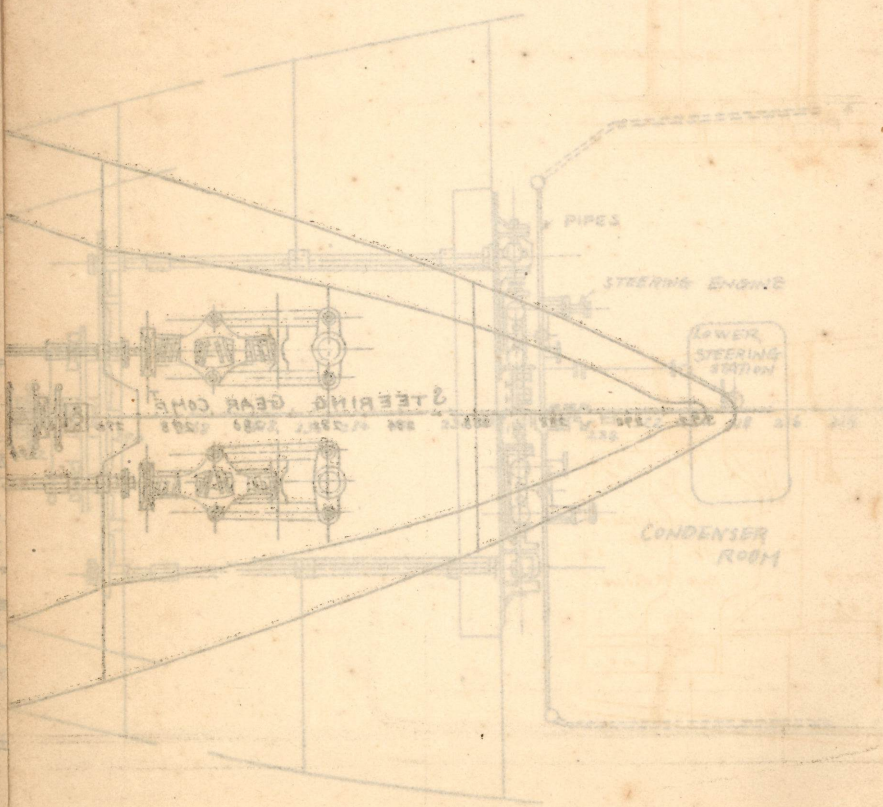
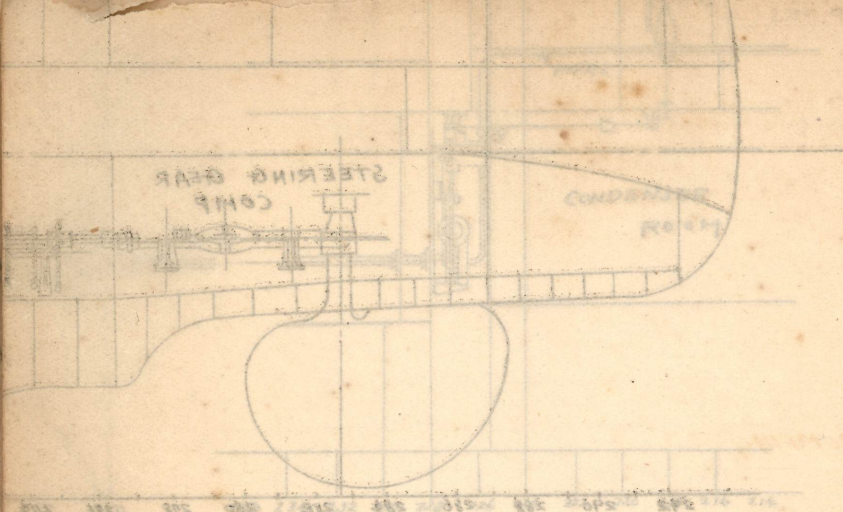
遊艇四十二

第46回

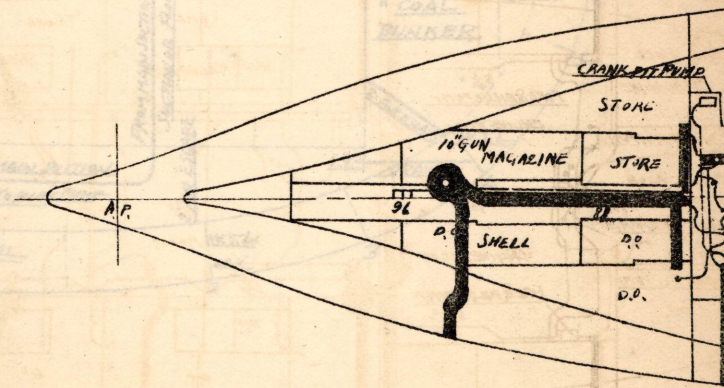
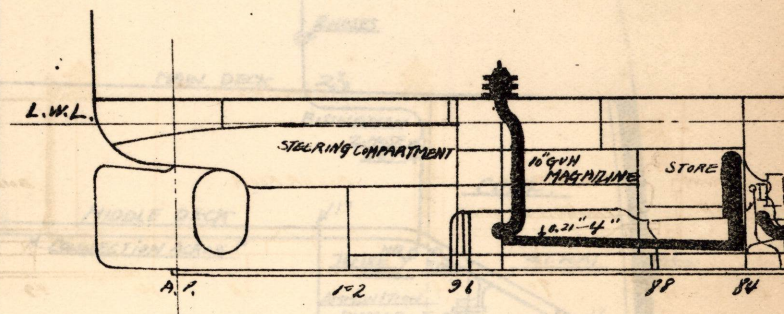
GENERAL ARRANGEMENT OF STEERING GEAR

"YAMASHIRO"



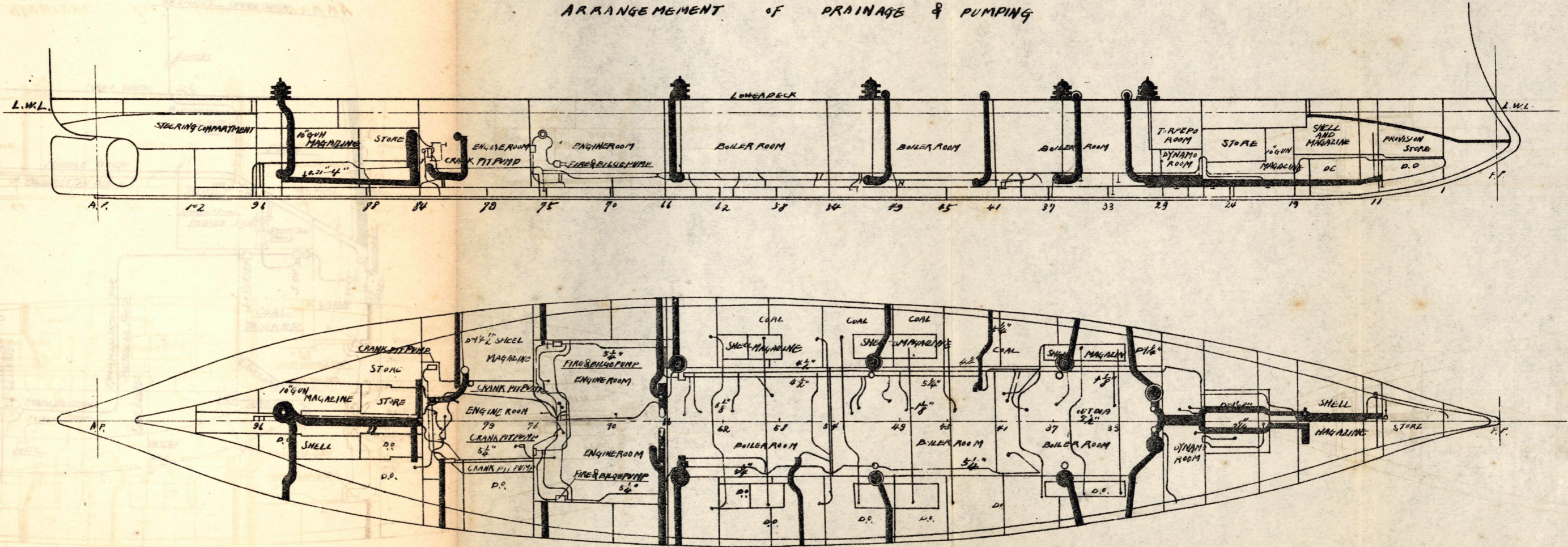


第48图  
四四第



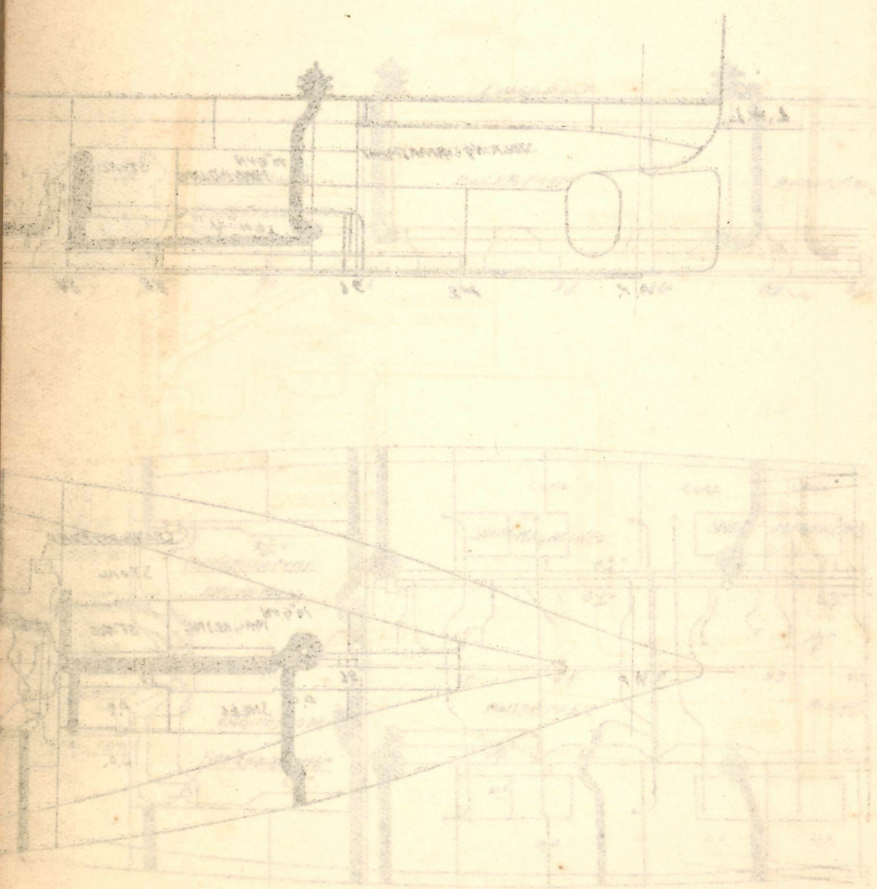
第47圖

ARRANGEMENT OF DRAINAGE & PUMPING

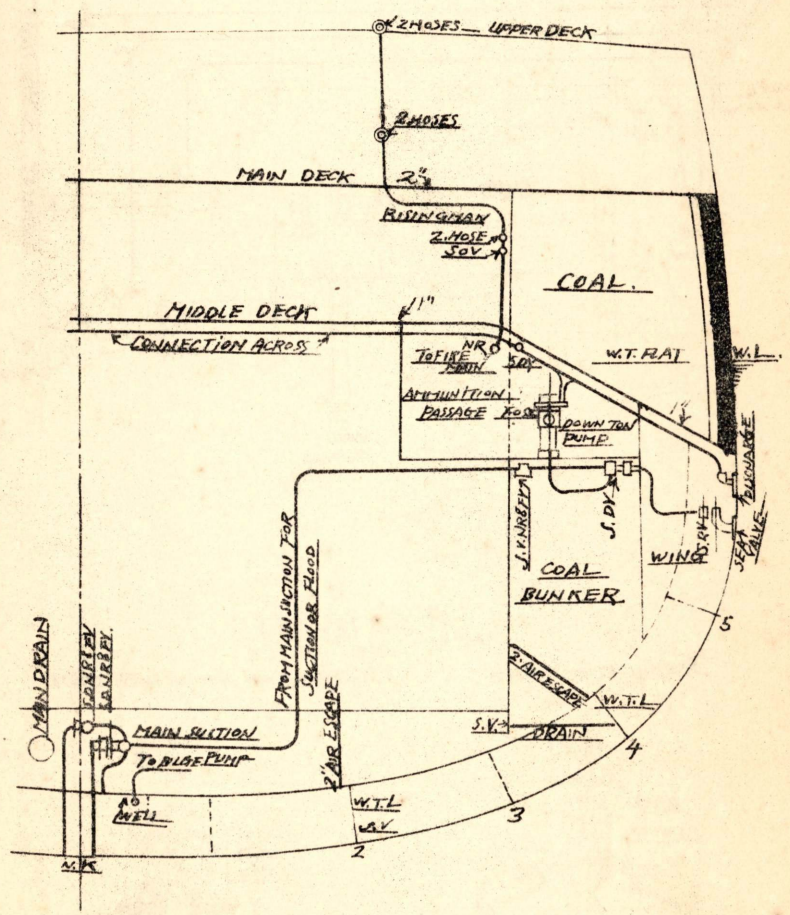


第47图

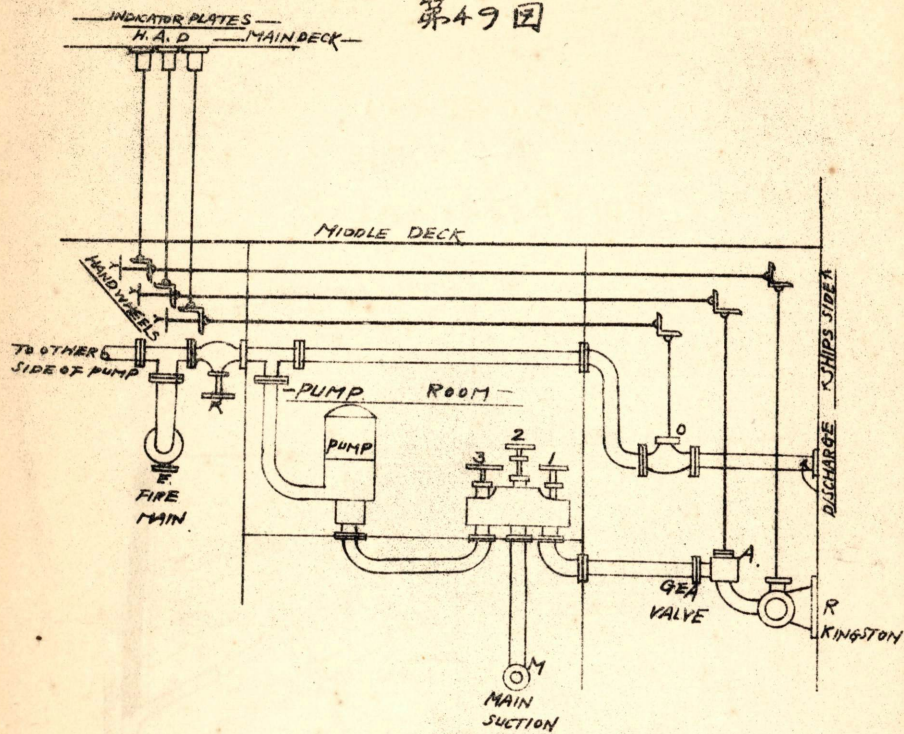
ARRANGEMENT OF DRAINAGE



第48图

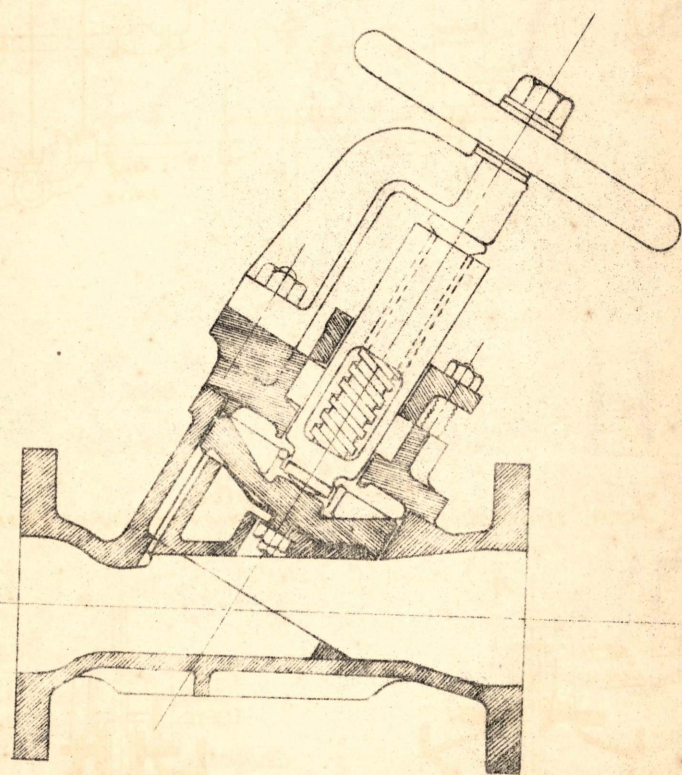


第49回

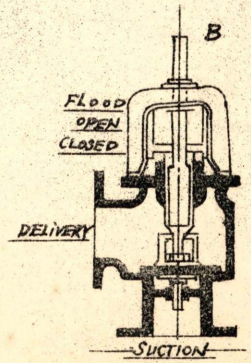
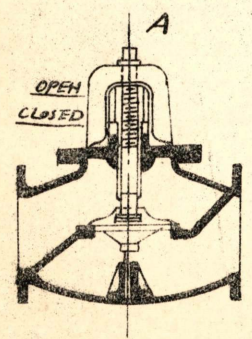


第50回 (A)

FULL BORE VALVE

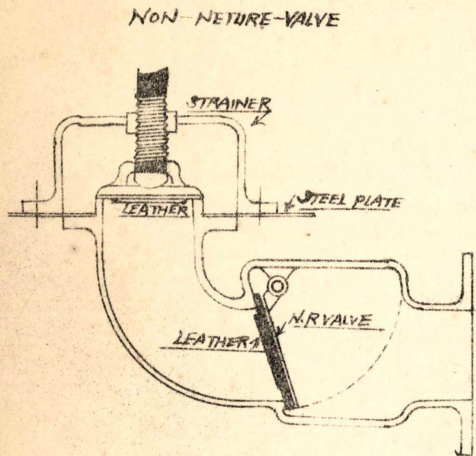


第50回 (A)  
Full Bore valve.  
SCREW DOWN VALVE      SCREW DOWN NON RETURN VALVE

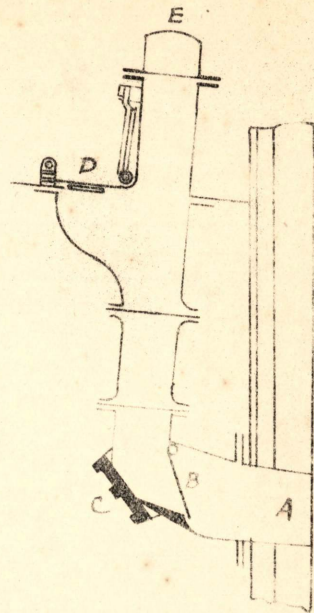




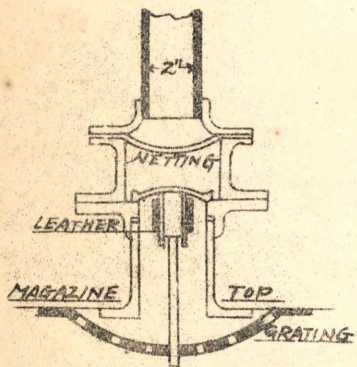
第50图 (B)



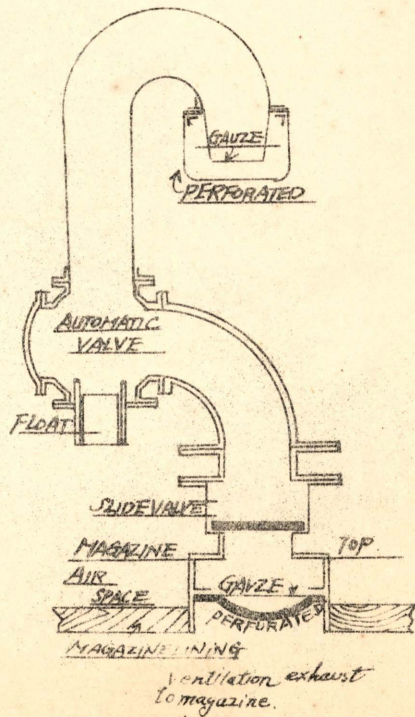
第51图



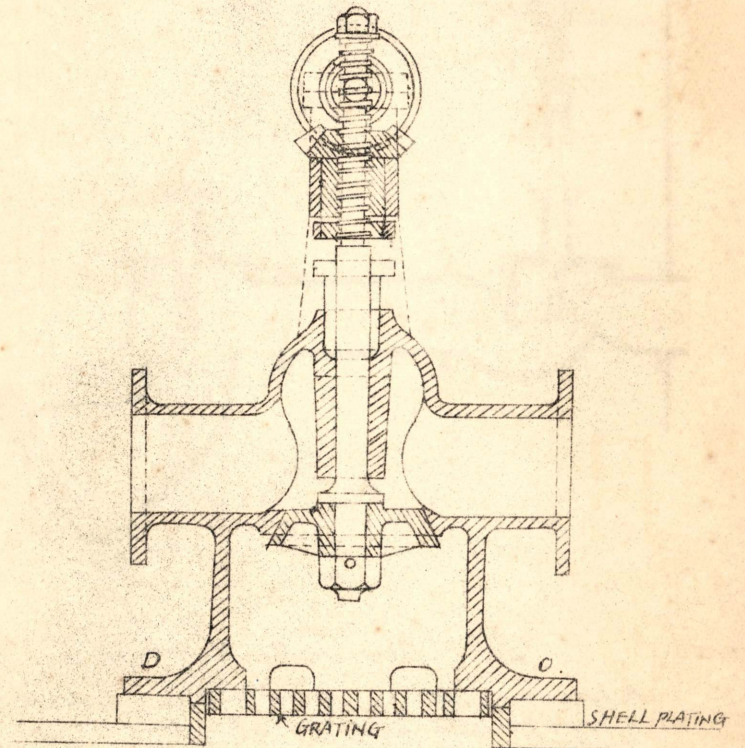
第52图



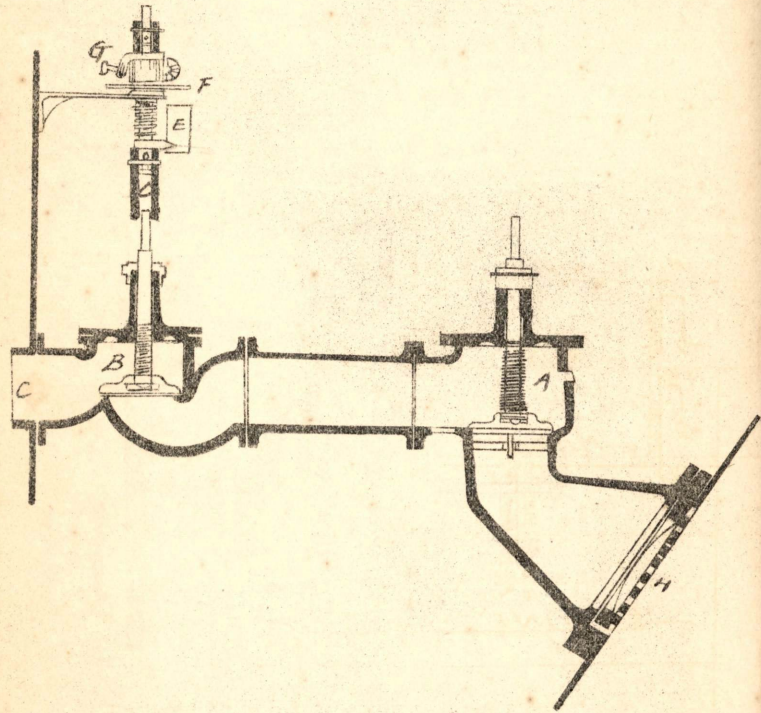
AIR ESCAPE  
TO MAGAZINE



第53图  
Kingston valve



第 54 圖



MAGAZINE FLOODING ATTACHMENTS.

- A. LOCK CASE VALVE.
- B. SCREW-DOWN VALVE.
- C. INLET TO MAGAZINE.
- D. SLEEVE SLIDING ON SHAFT.
- E. INDICATING PLATE.

- F. WHEEL FREE ON SHAFT.
- G. LOCKED COTTER.
- H. OPENING IN SHAFT SIDE.

第 55 圖  
FIREMAIN SYSTEM

