

PLANS
of the
DRY DOCK

Built in the NAVY YARD at

NORFOLK,

Pursuant to a Law of Congress Passed March 3, 1827.

Begun in 1827,

JOHN Q. ADAMS, President;

SAMUEL L. SOUTHARD, Secretary of the Navy.

Completed in 1833,

ANDREW JACKSON, President;

LEVI WOODBURY, Secretary of the Navy.

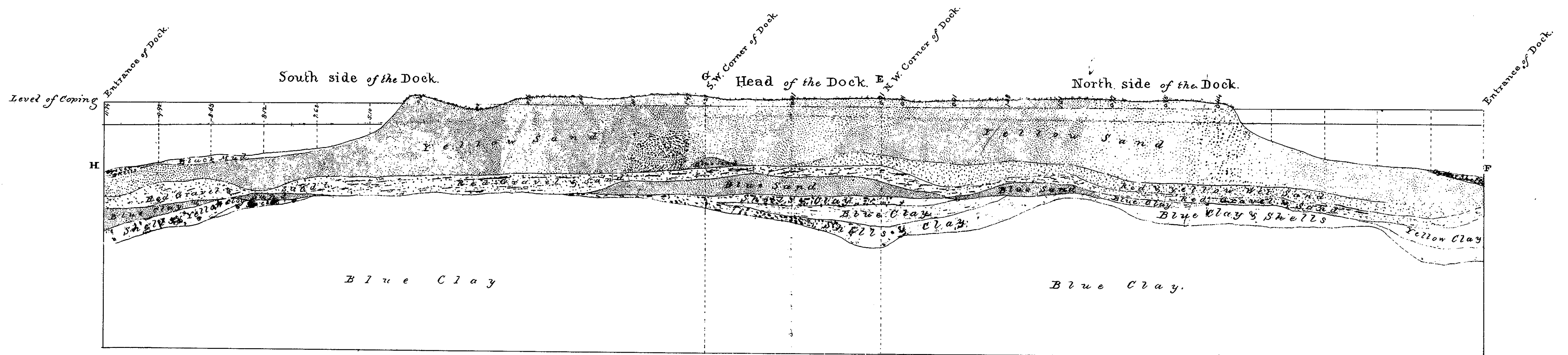
The NORFOLK DOCK *was completed and surrendered to the Commandant of the YARD, December 27, 1833.*

It was opened and the first Ship, The DELAWARE, 74, was docked, June 17 1833.

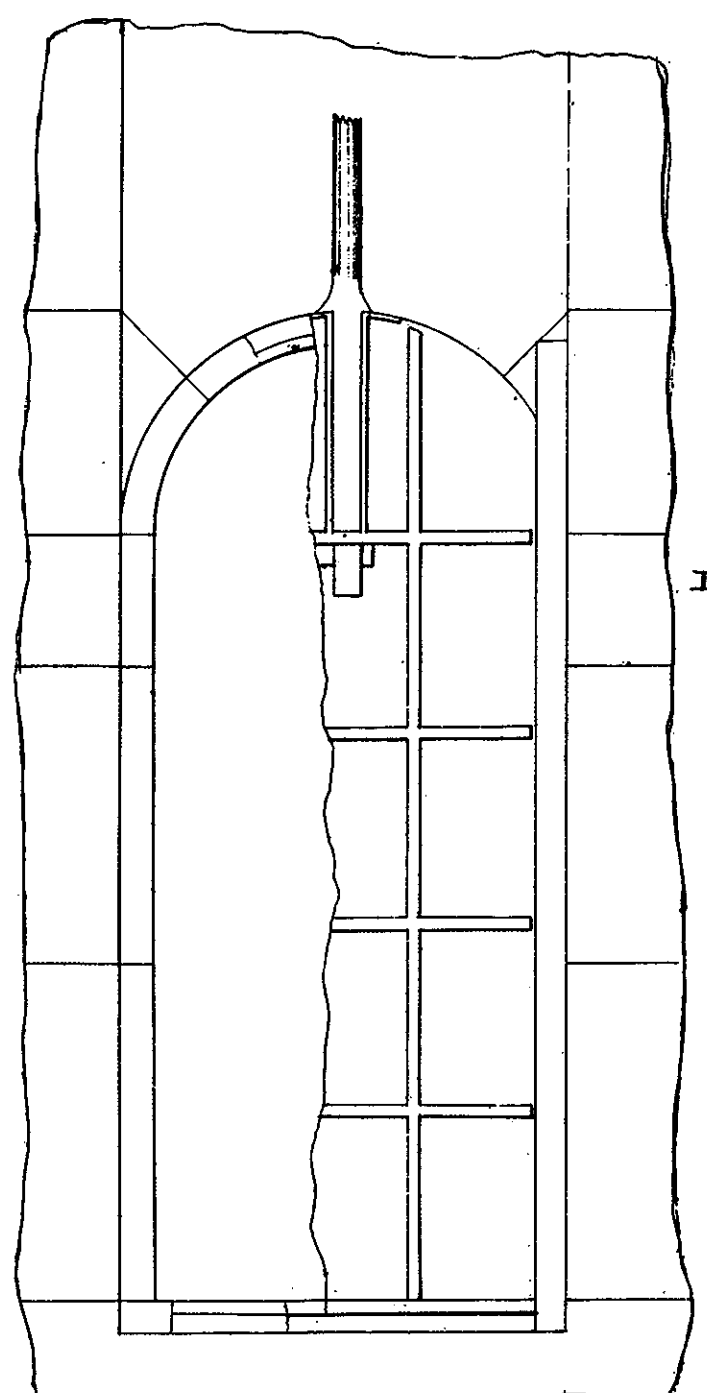
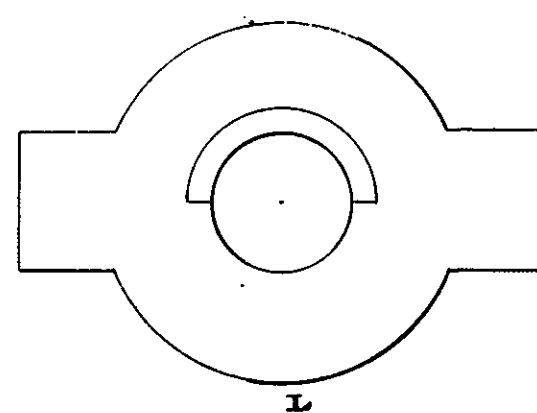
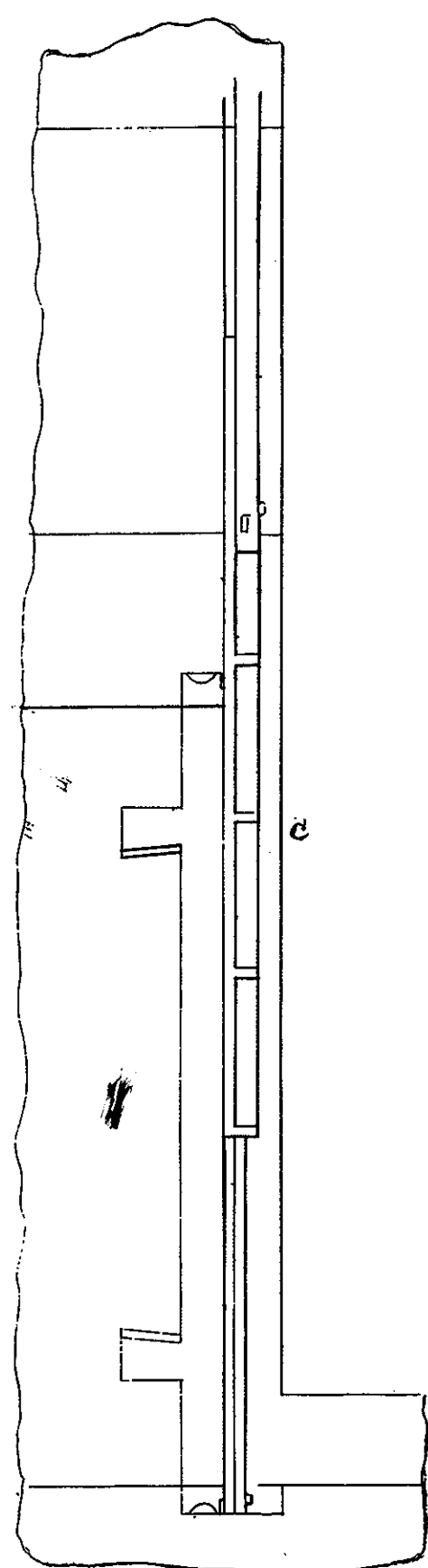
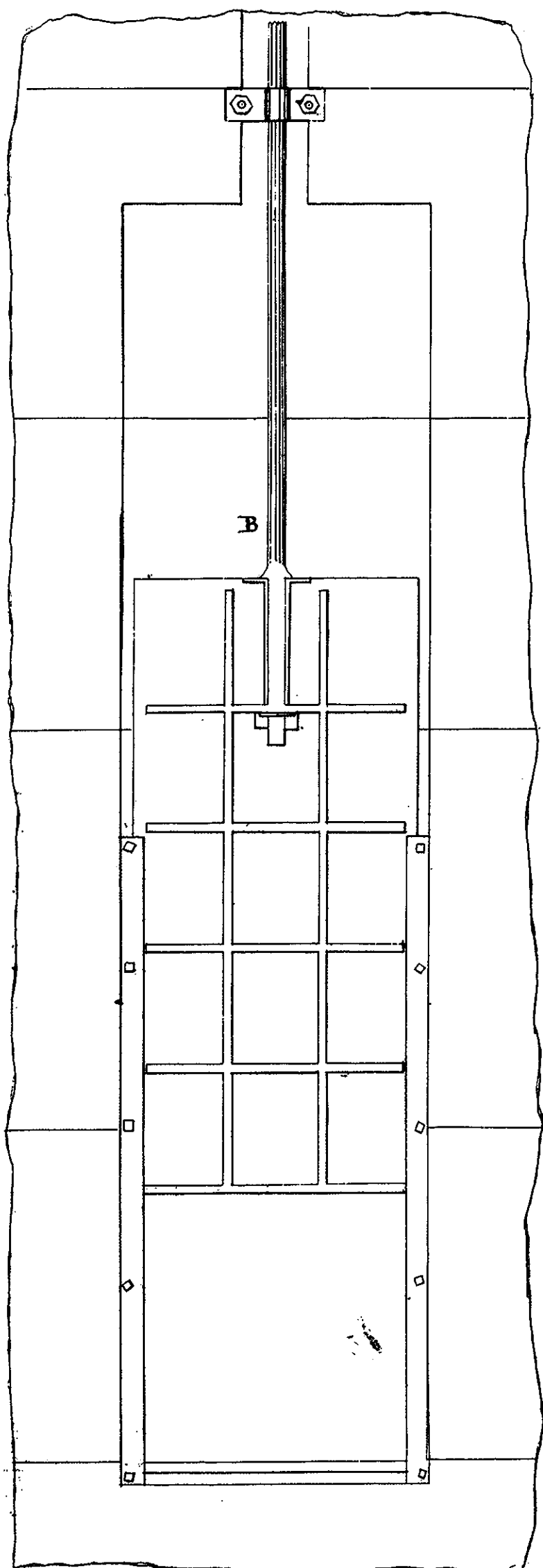
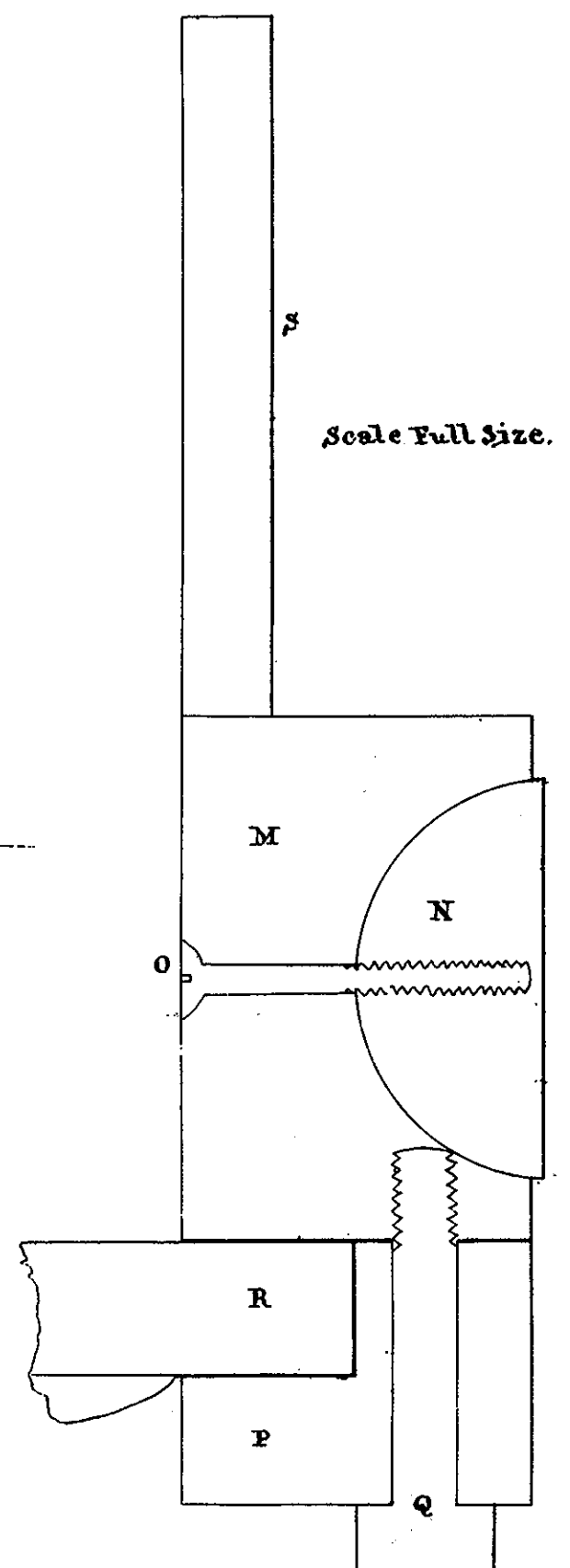
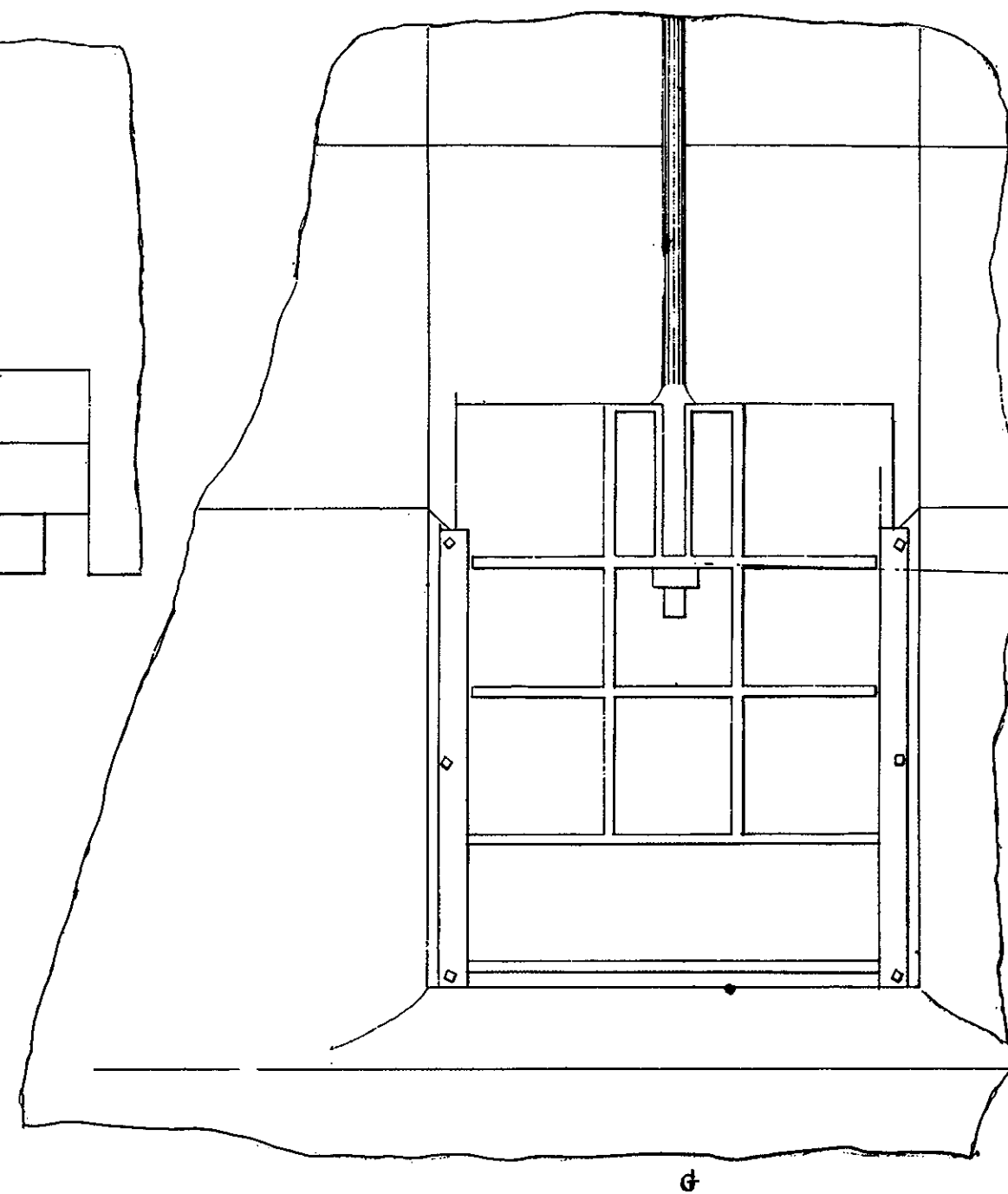
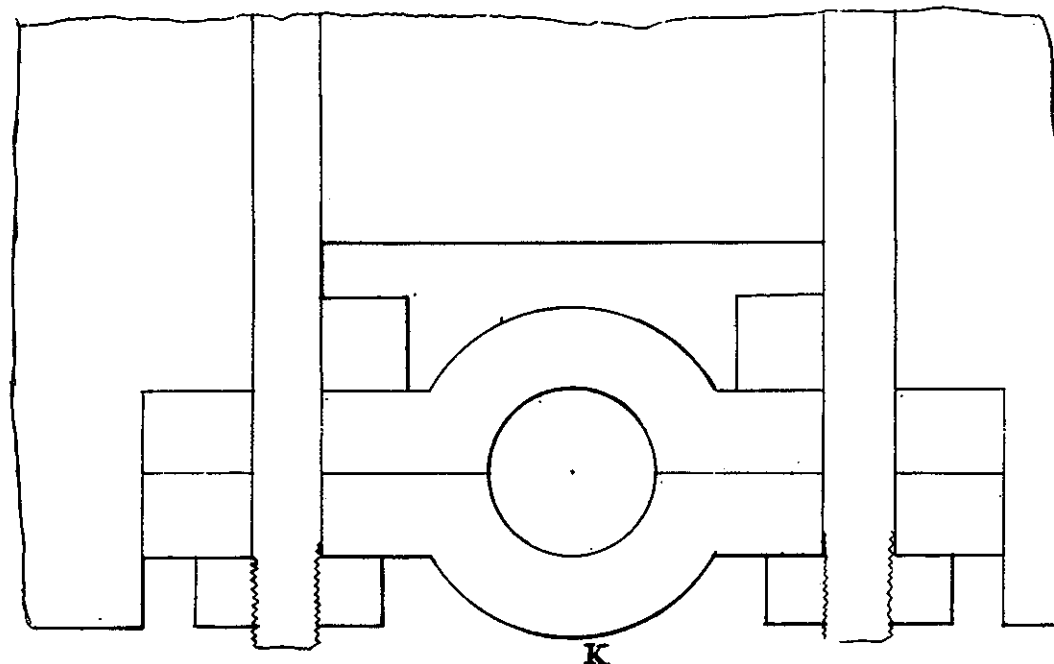
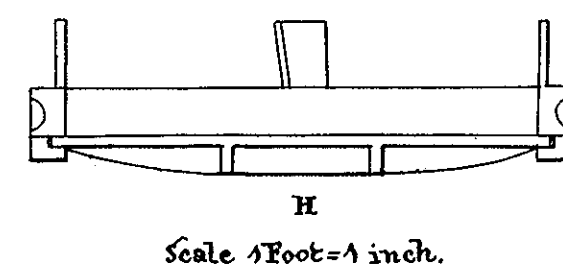
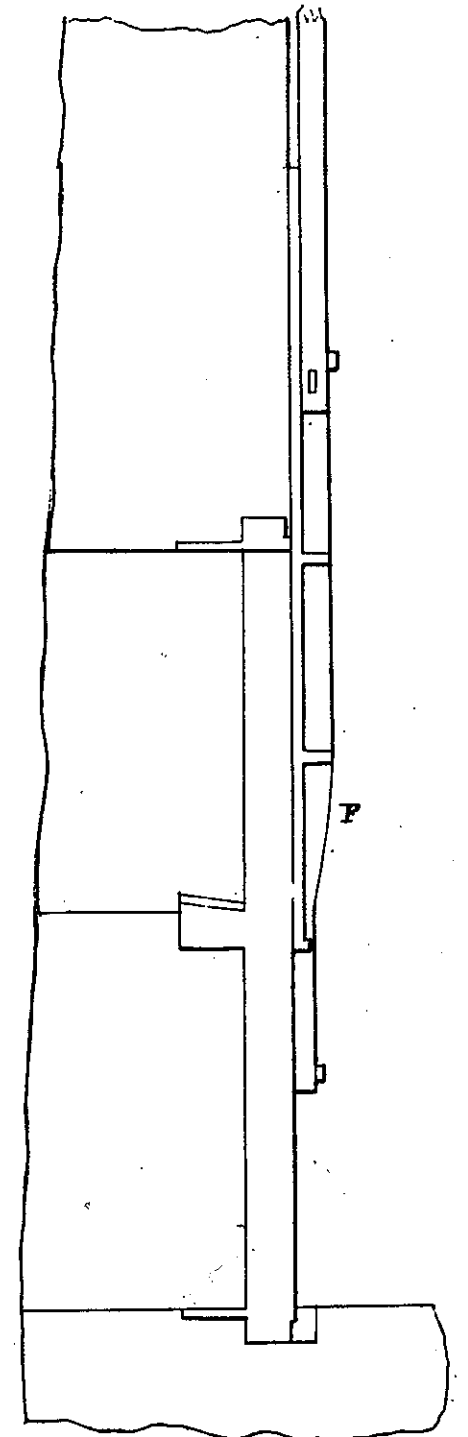
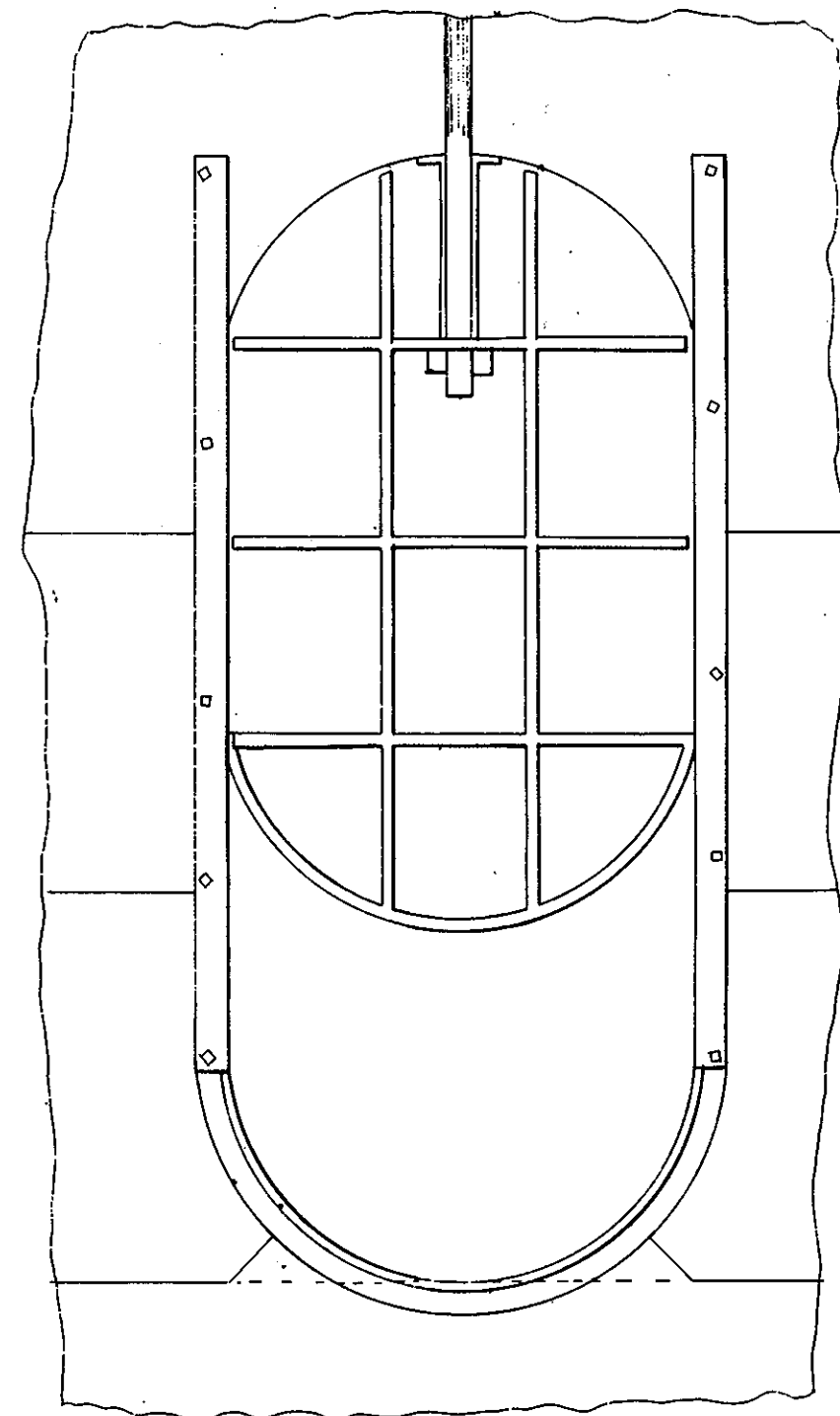
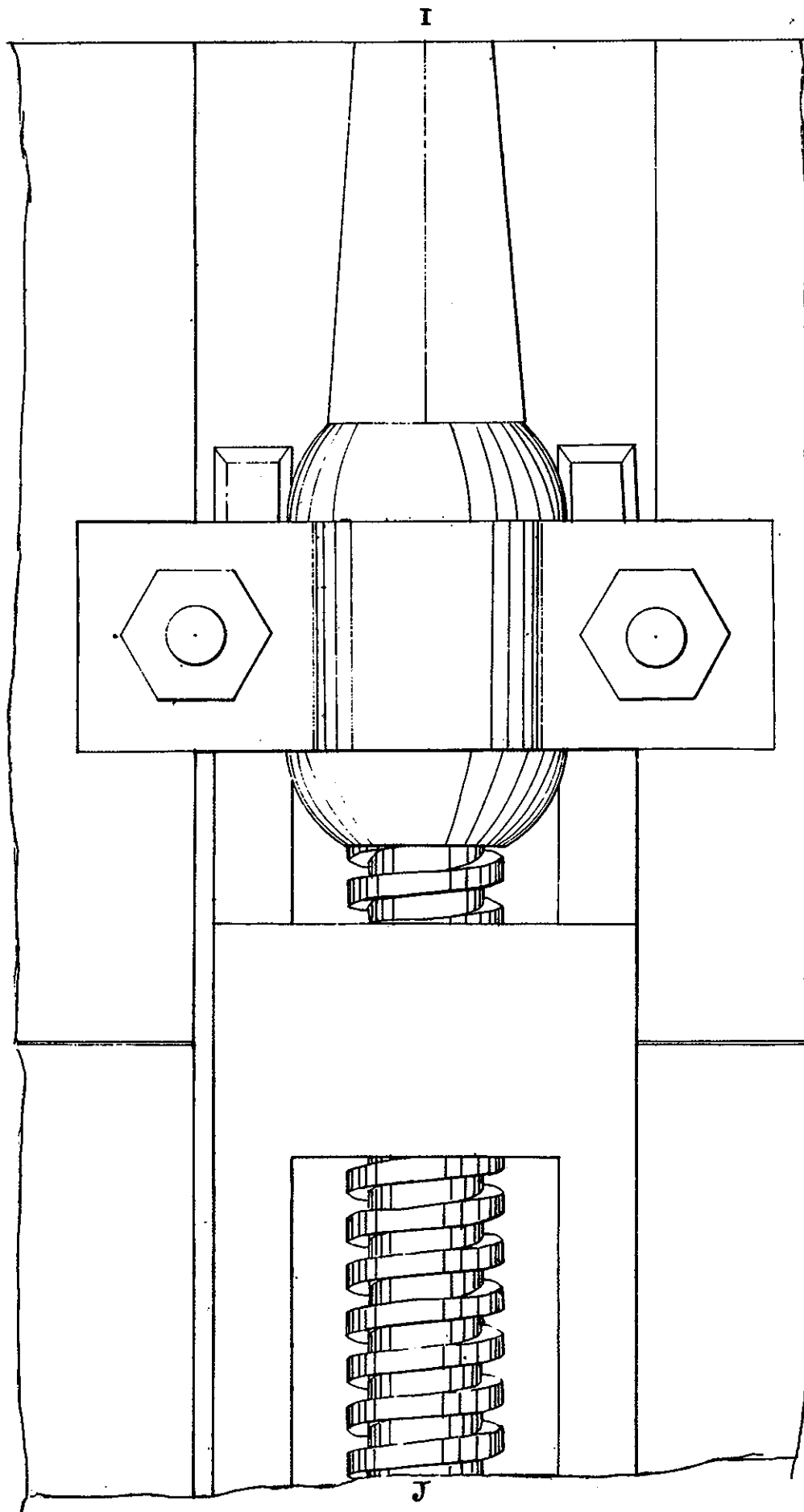
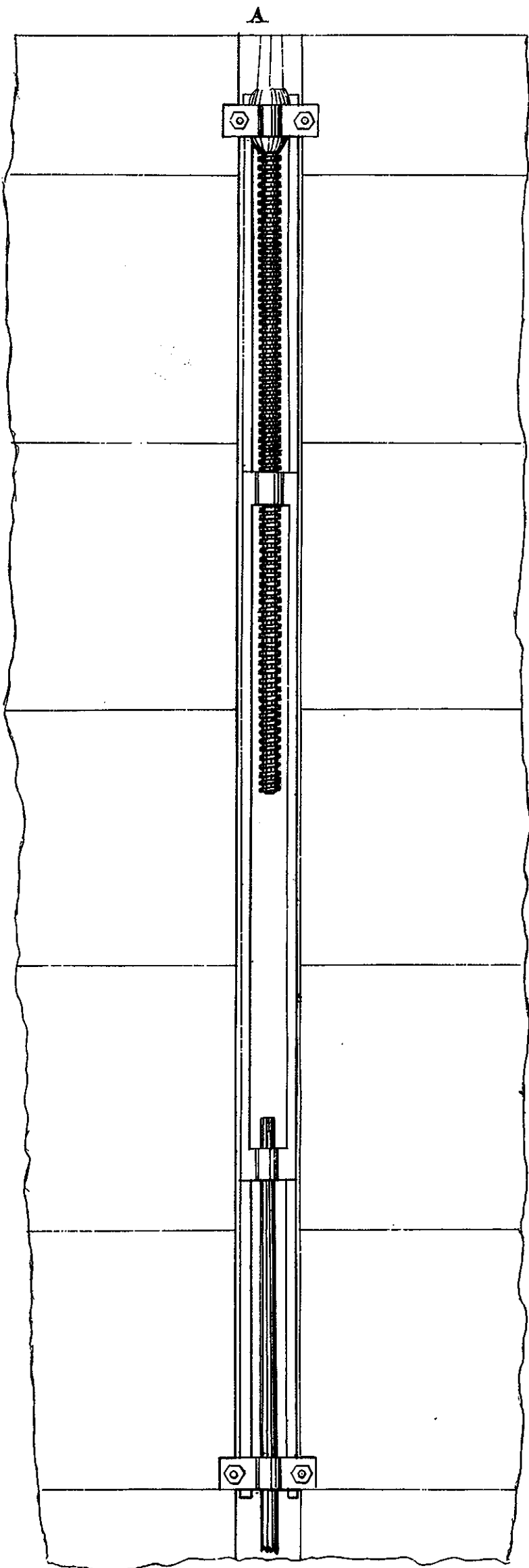
By L. Baldwin, Engineer.

March 1st 1834.

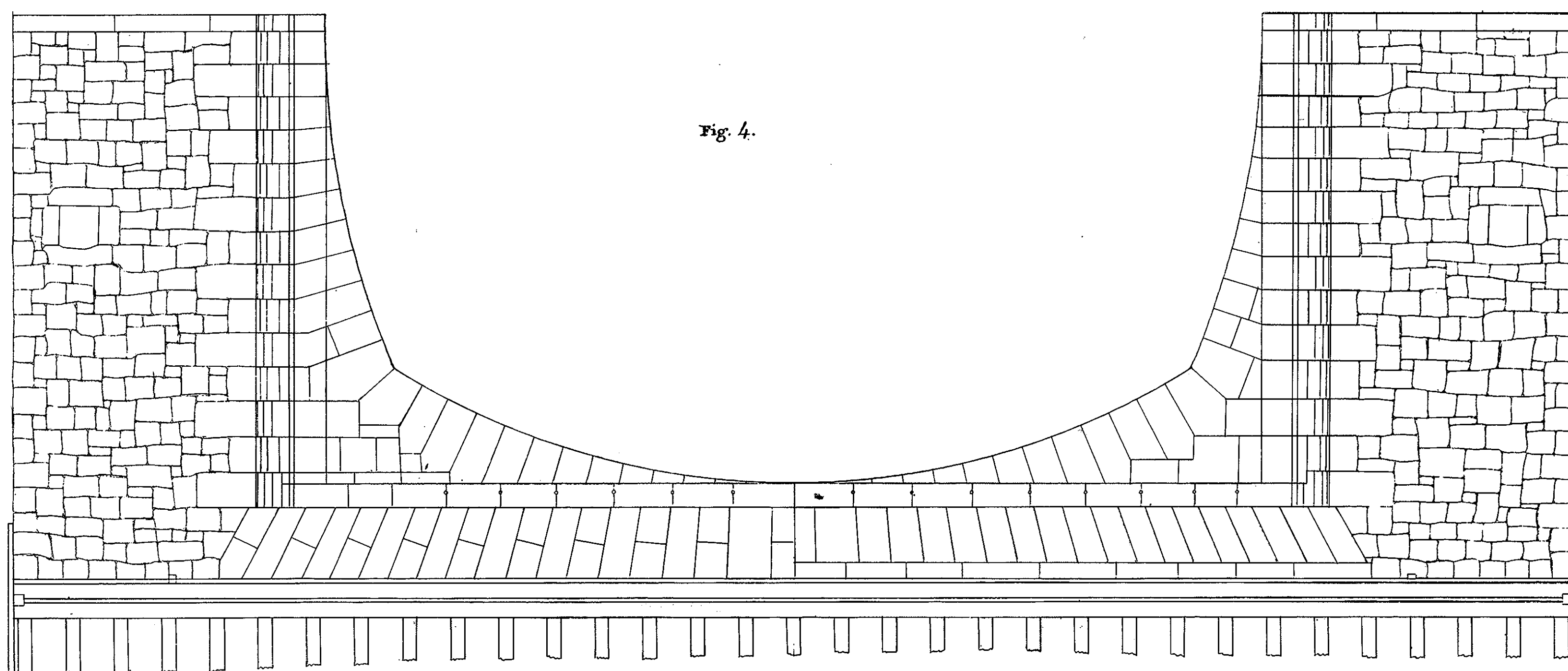
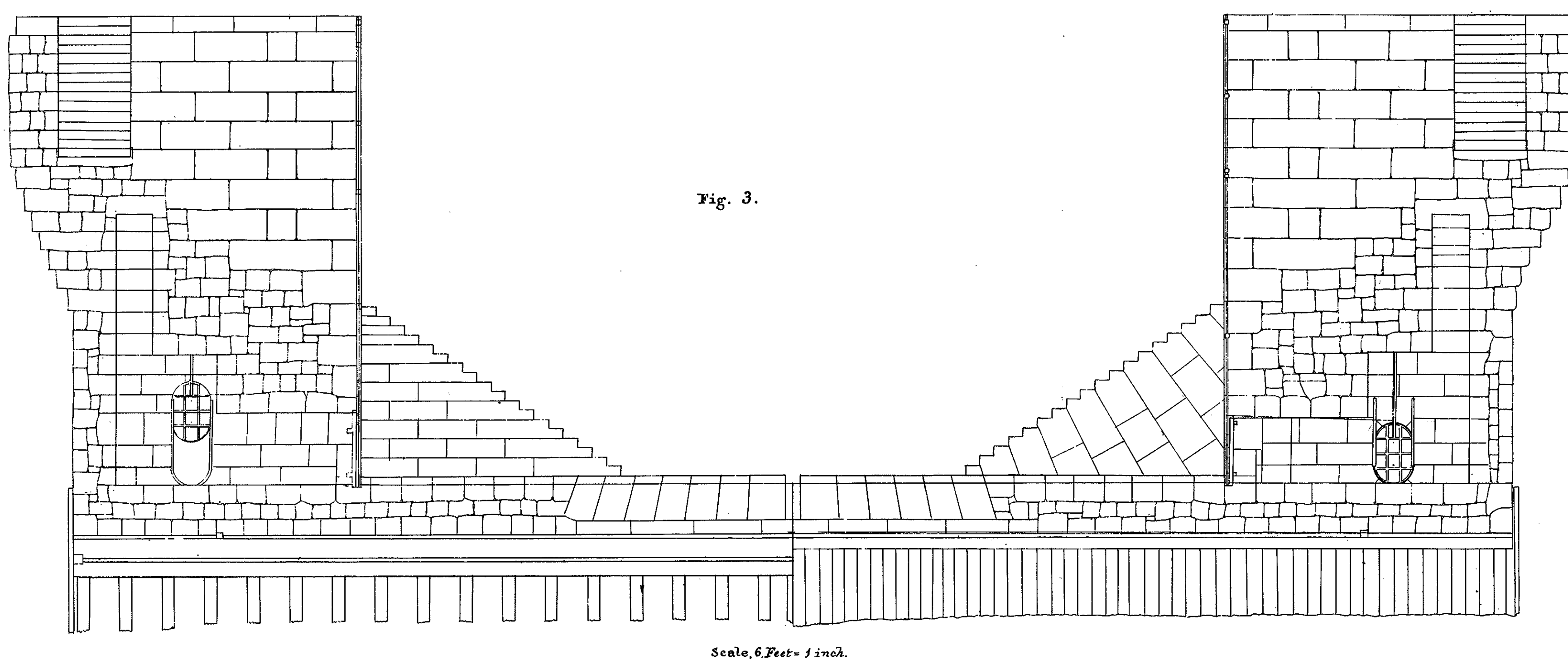
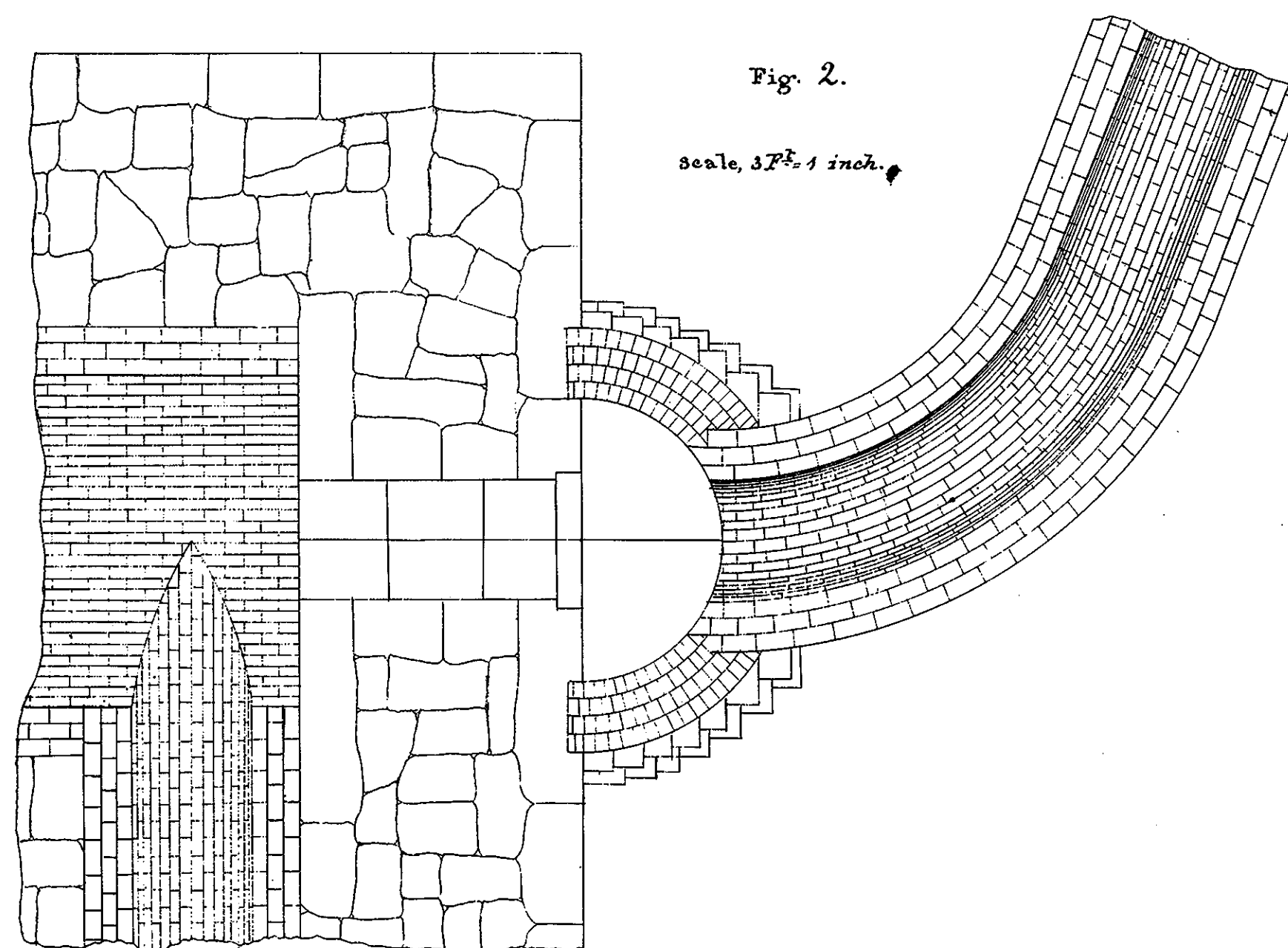
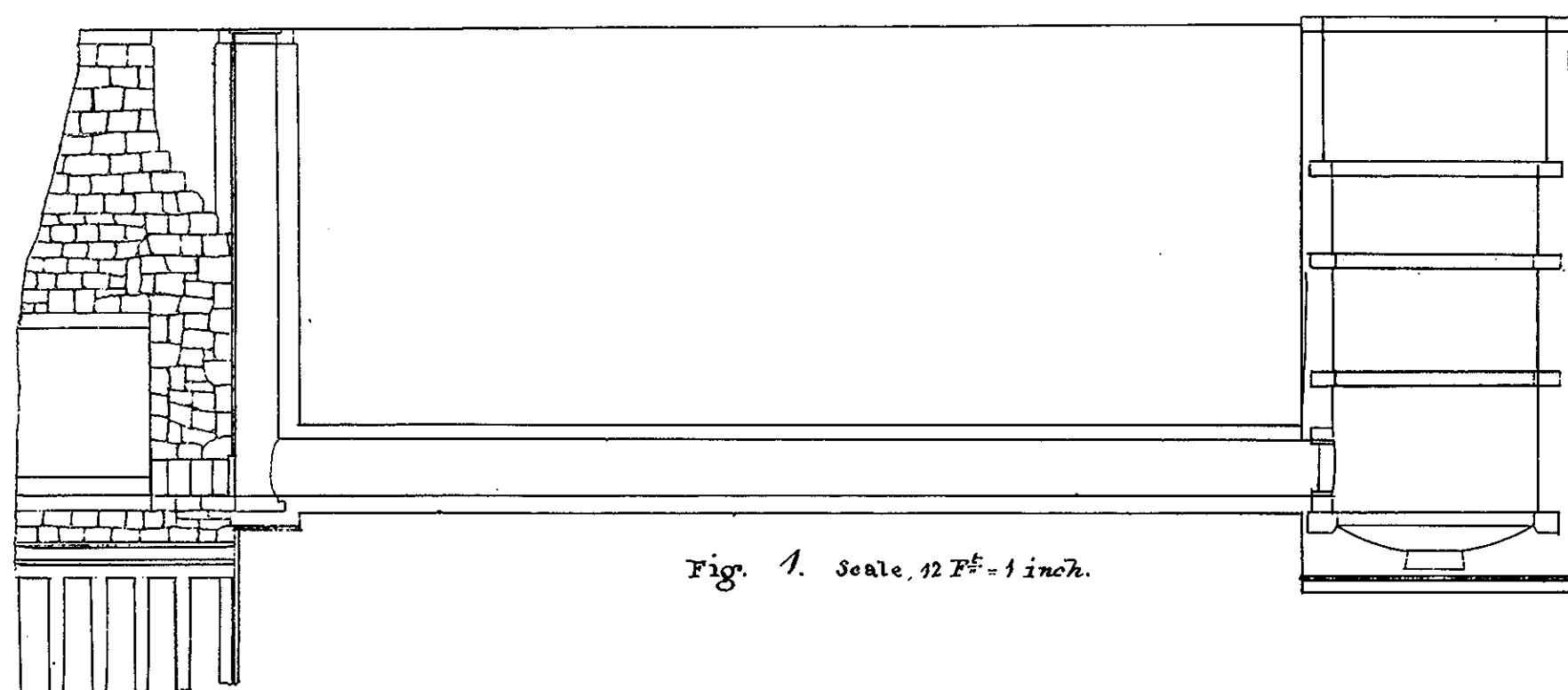
DRY DOCK at the NORFOLK NAVY YARD.



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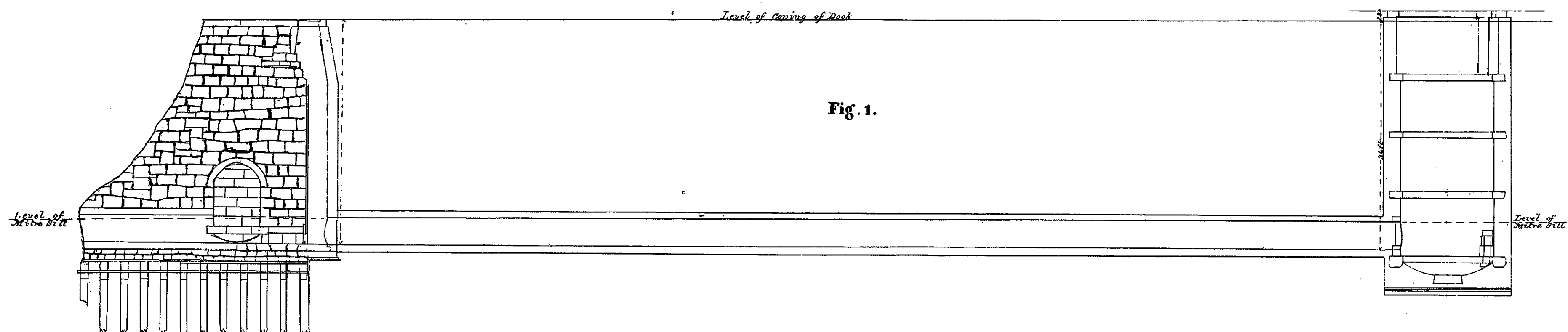


Fig. 1.

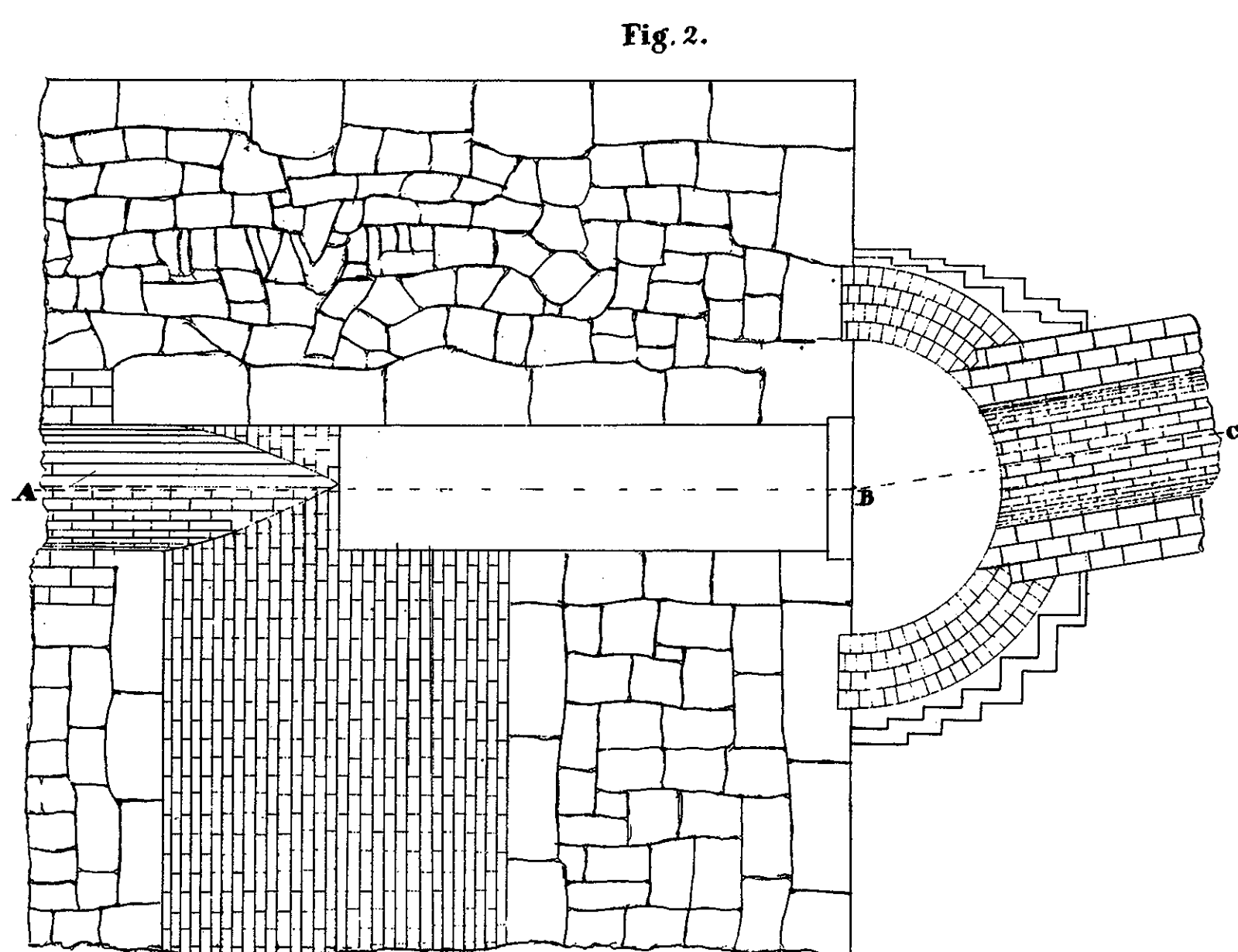


Fig. 2.

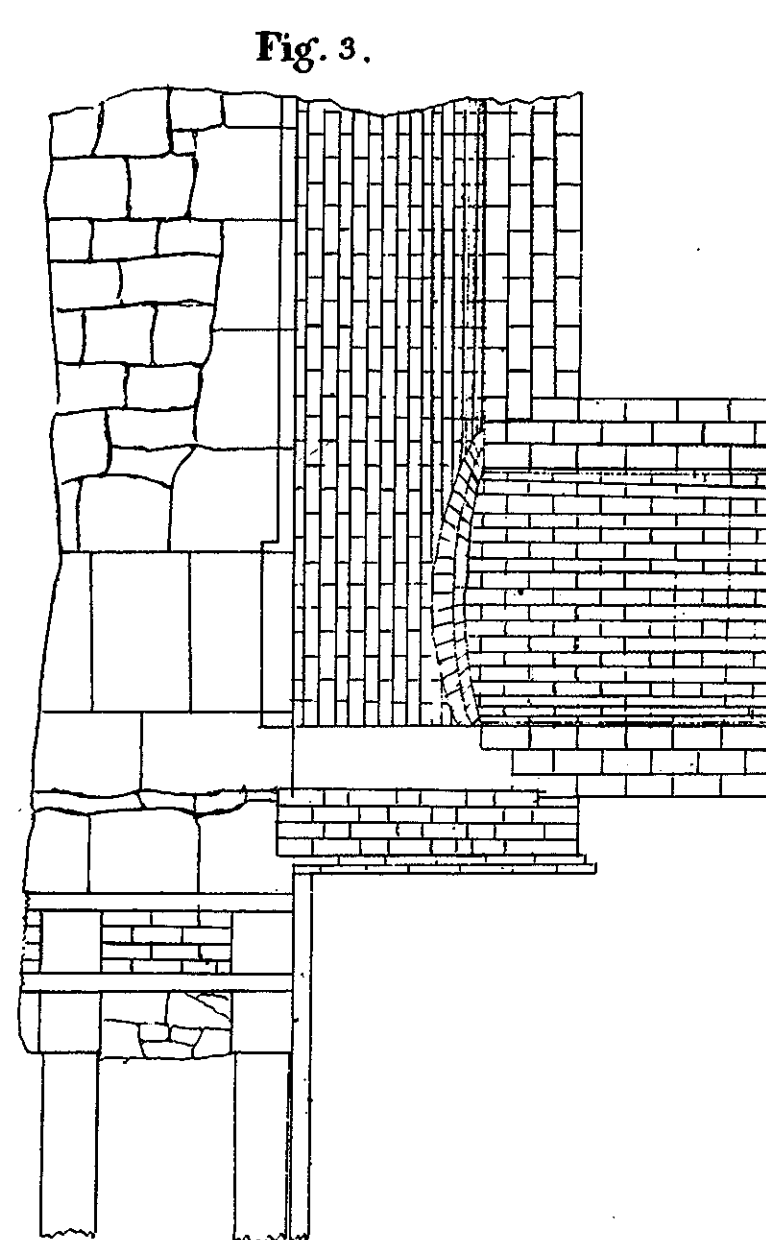


Fig. 3.

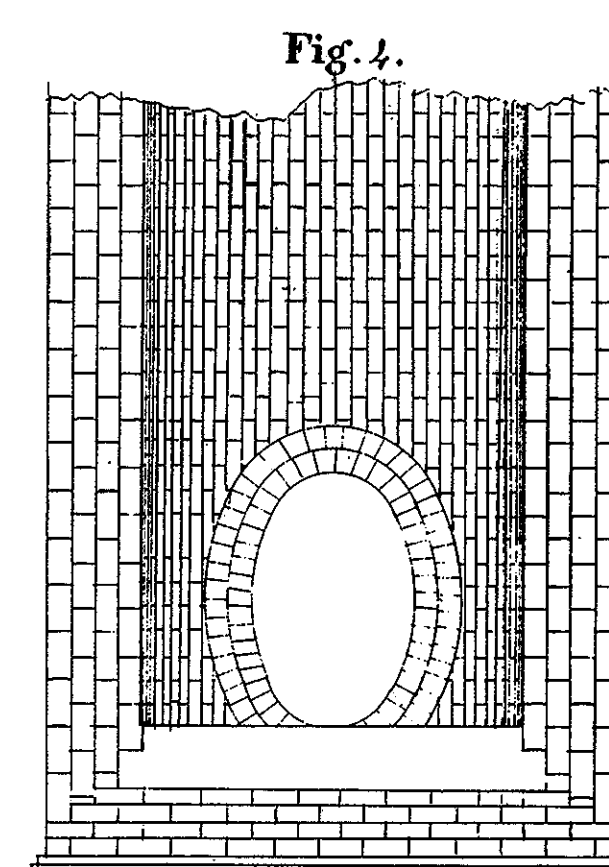


Fig. 4.

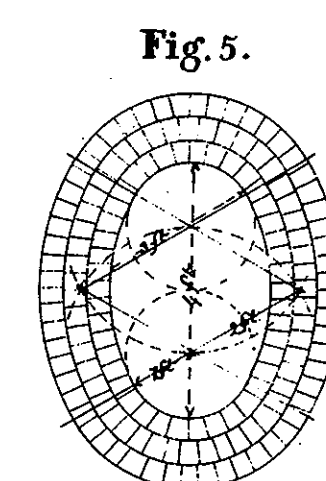


Fig. 5.

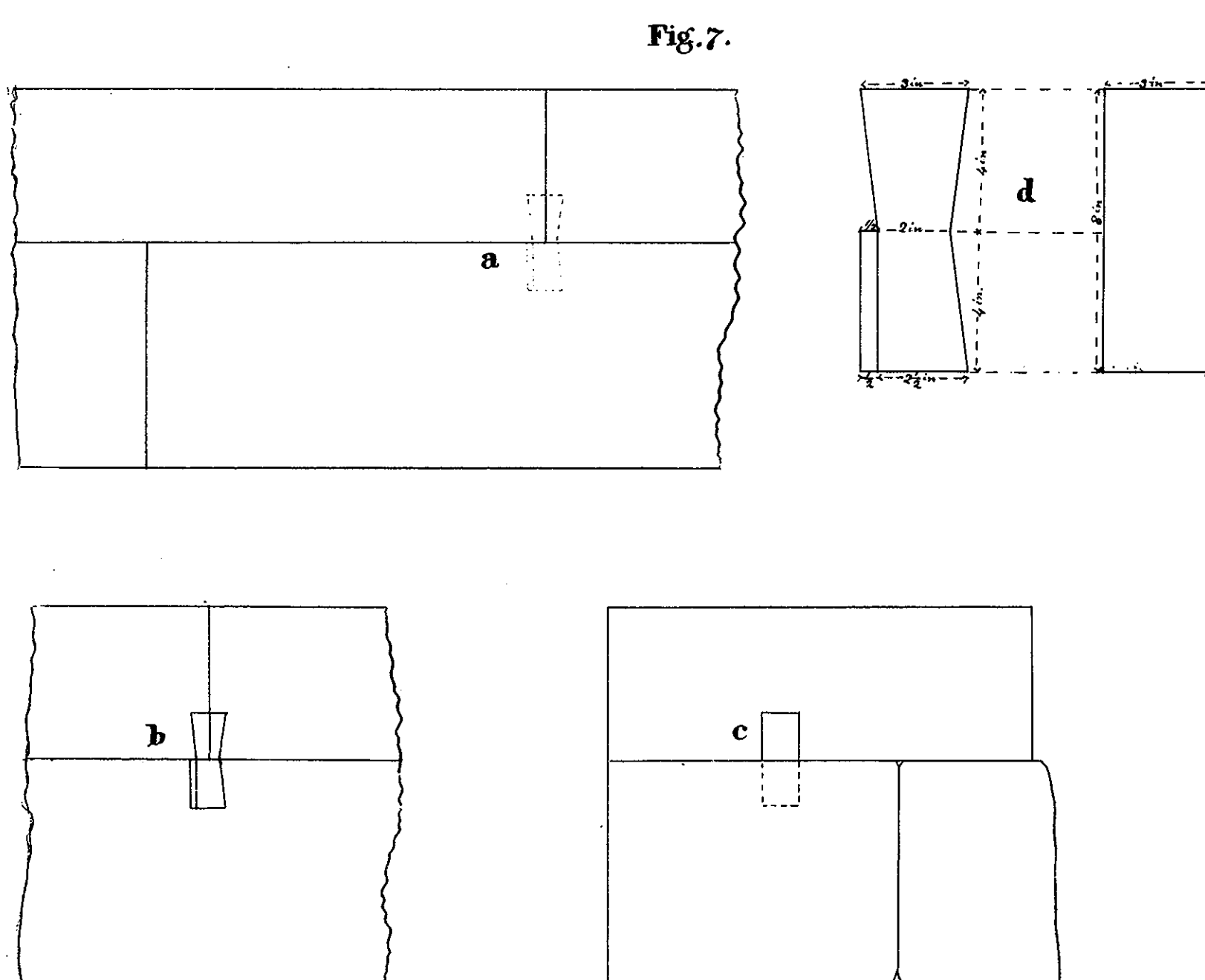


Fig. 7.

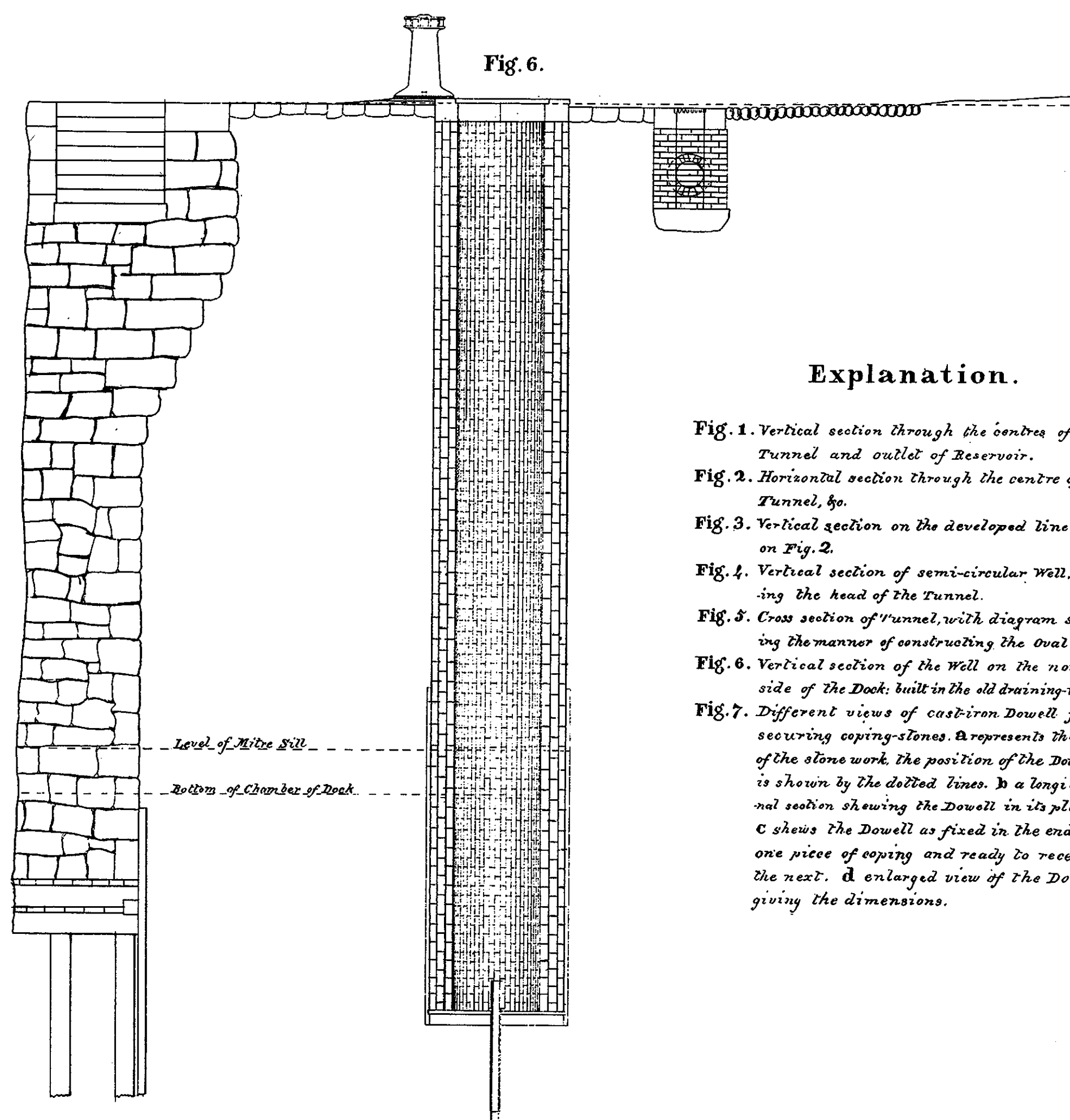
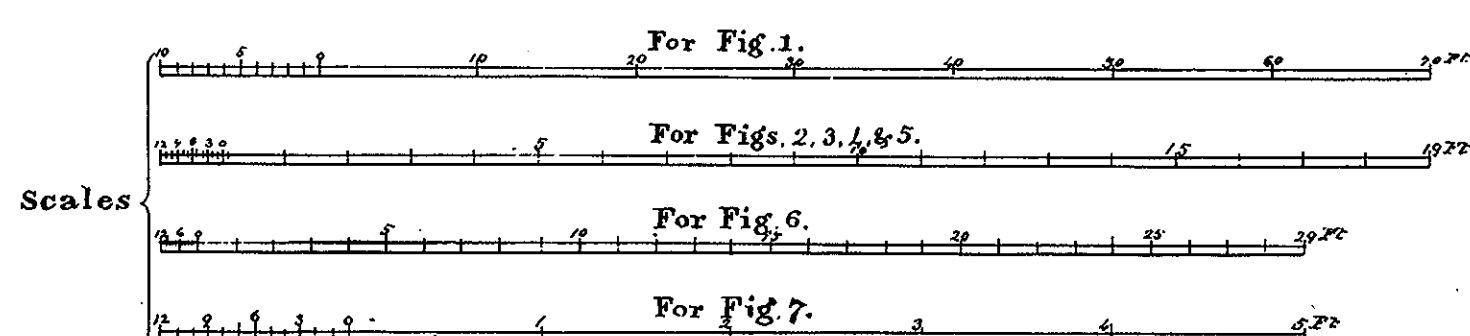


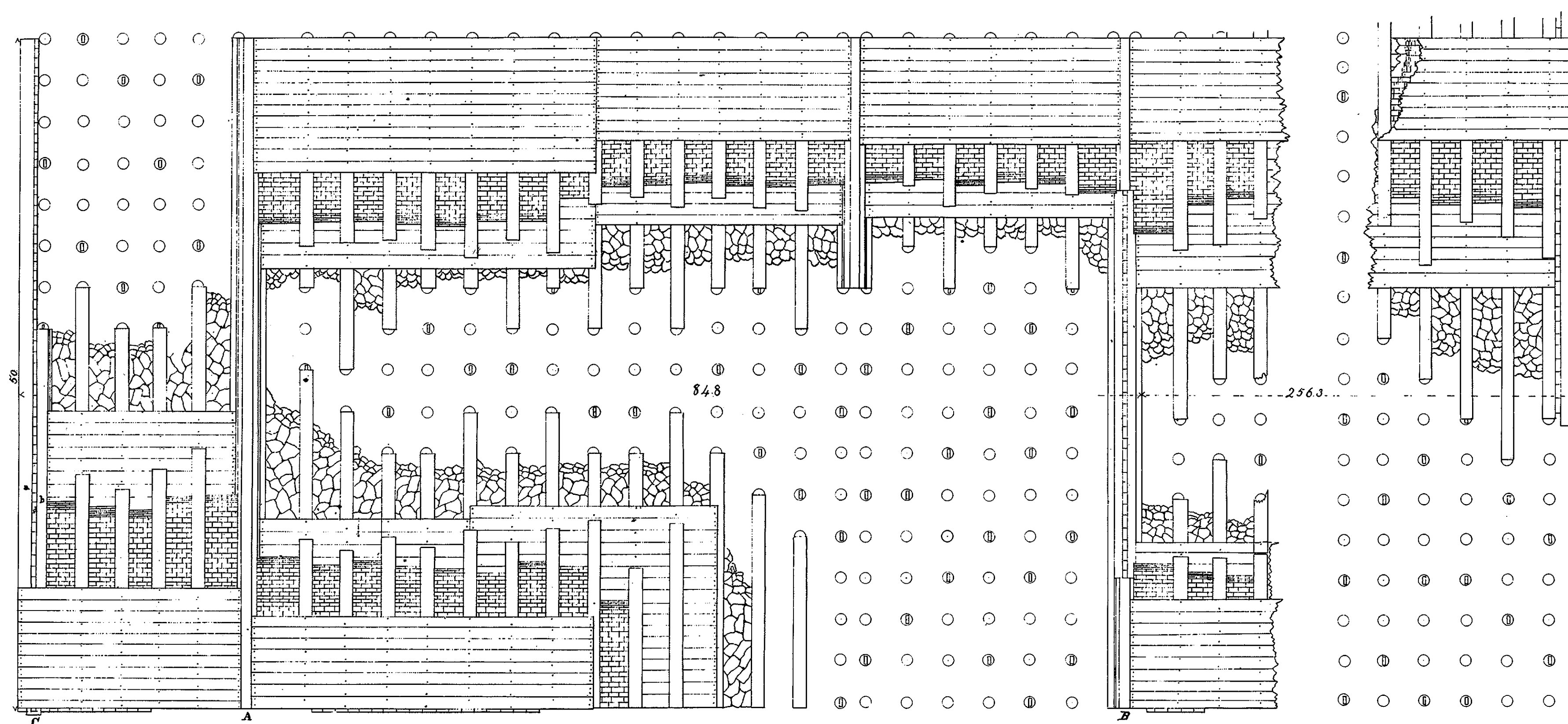
Fig. 6.

Explanation.

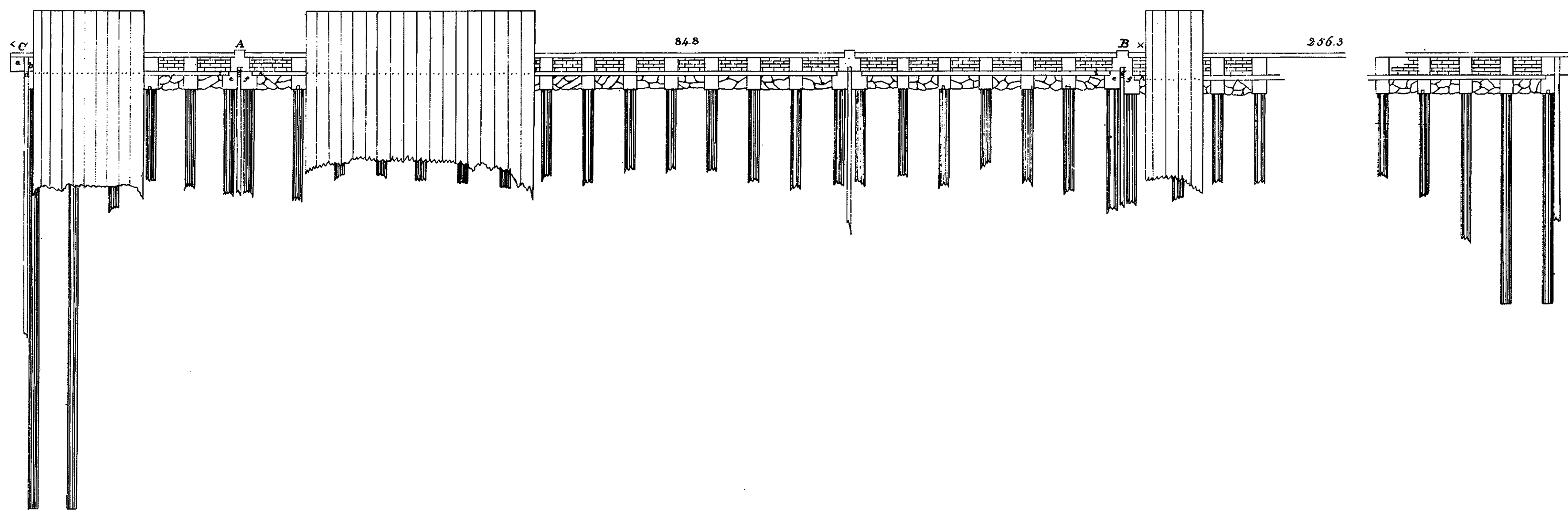
- Fig. 1. Vertical section through the centre of the Tunnel and outlet of Reservoir.
 Fig. 2. Horizontal section through the centre of the Tunnel, &c.
 Fig. 3. Vertical section on the developed line A.B.C. on Fig. 2.
 Fig. 4. Vertical section of semi-circular Well, showing the head of the Tunnel.
 Fig. 5. Cross section of Tunnel, with diagram showing the manner of constructing the Oval.
 Fig. 6. Vertical section of the Well on the north side of the Dock, built in the old draining-well.
 Fig. 7. Different views of cast-iron Dowell for securing coping-stones. A represents the face of the stone work, the position of the Dowell is shown by the dotted lines. B a longitudinal section showing the Dowell in its place. C shows the Dowell as fixed in the end of one piece of coping and ready to receive the next. D enlarged view of the Dowell giving the dimensions.



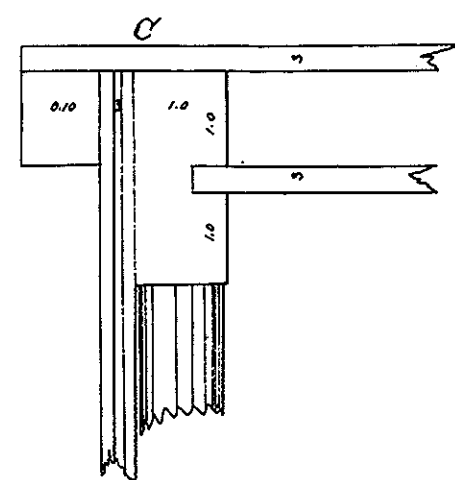
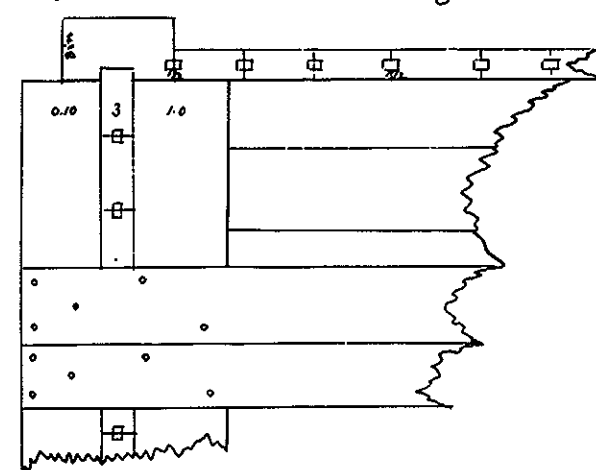
PLAN OF THE FOUNDATION FLOOR of the *Dry Dock* at *Norfolk Navy Yard*



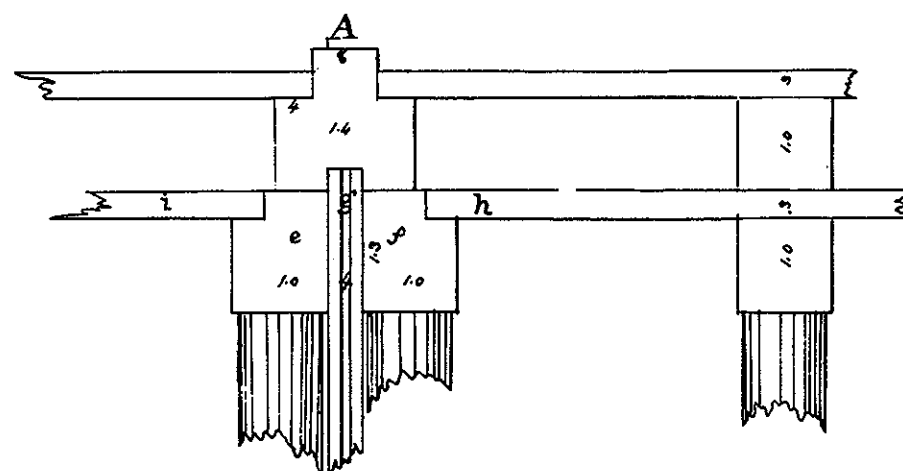
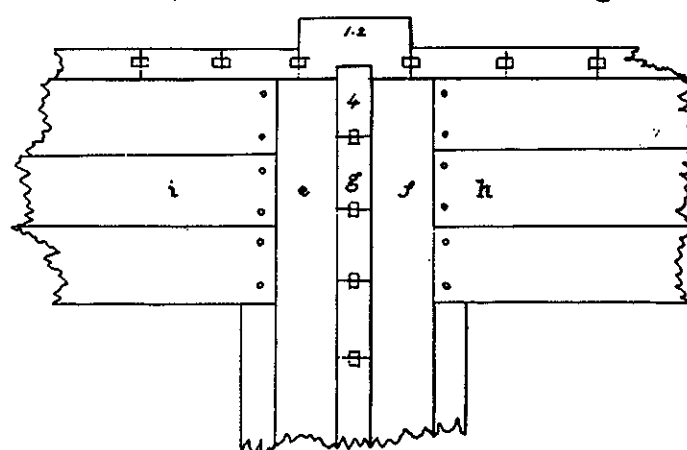
Longitudinal Elevation of the Floor



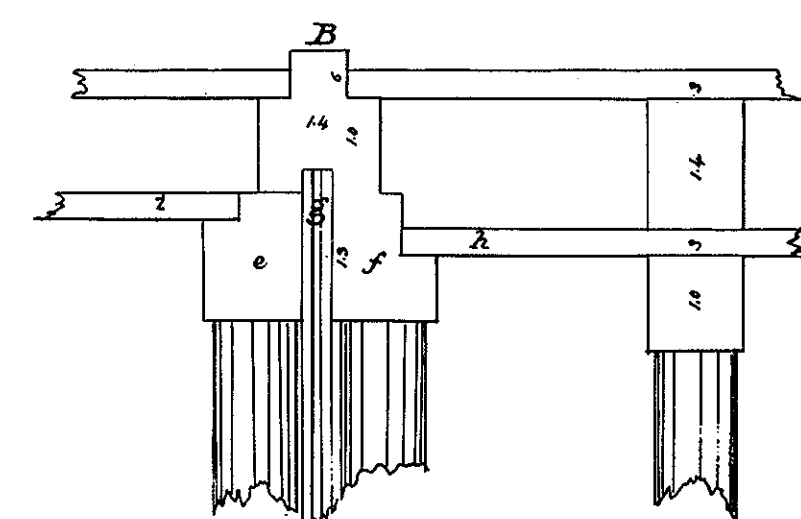
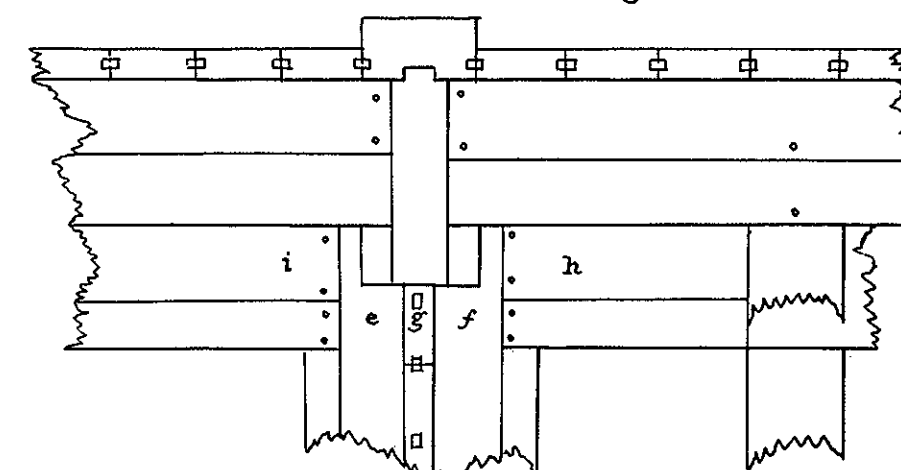
Plan of End and Side Piling at C



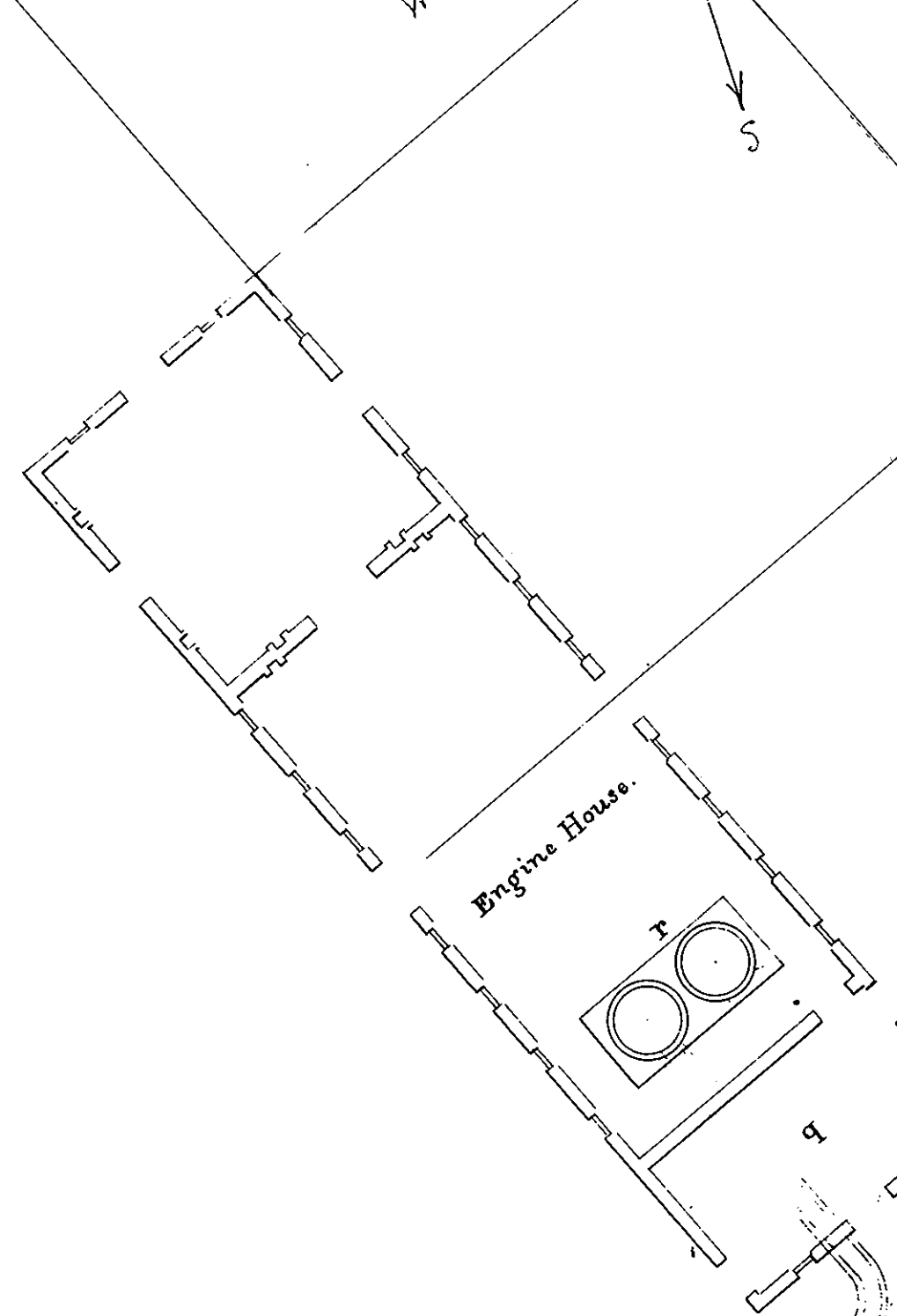
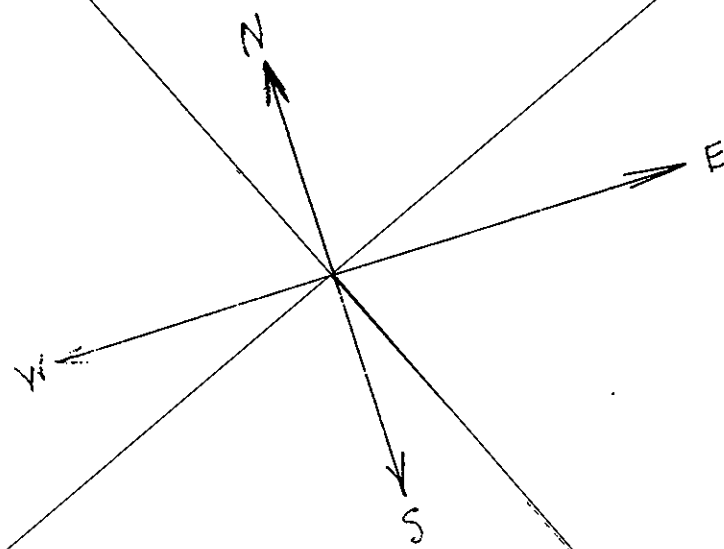
Plan of Cross and Side Piling at A



Plan of Cross and side Piling at B



DRY DOCK in the Navy Yard NORFOLK.



Drain from the Great Wells.

Upper end of floor.

260.4

Top of coping

80.8

Surface of Ground.

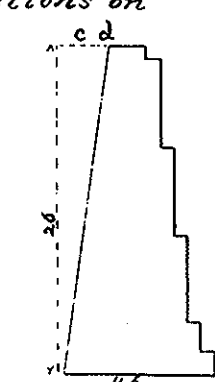
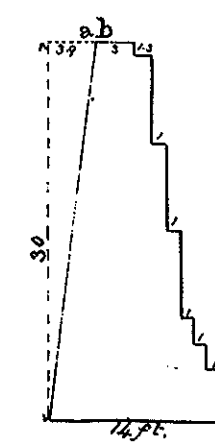
Lower end of chamber.

Lower end of floor.

Coffer dam.

Level of mitre sill

Sections on



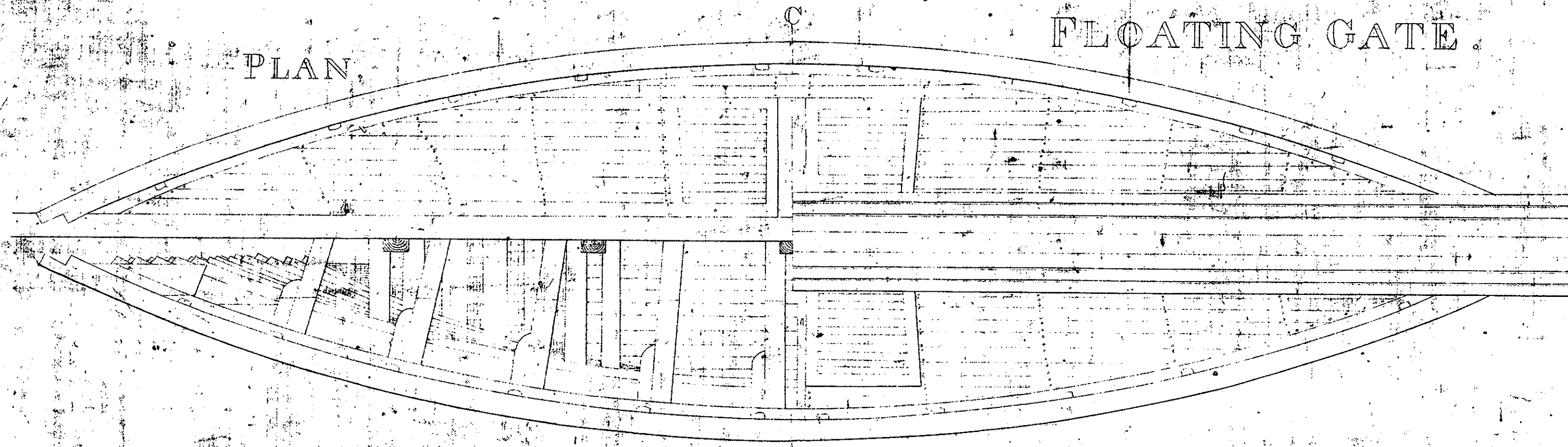
Cob Wharf

Cob Wharf

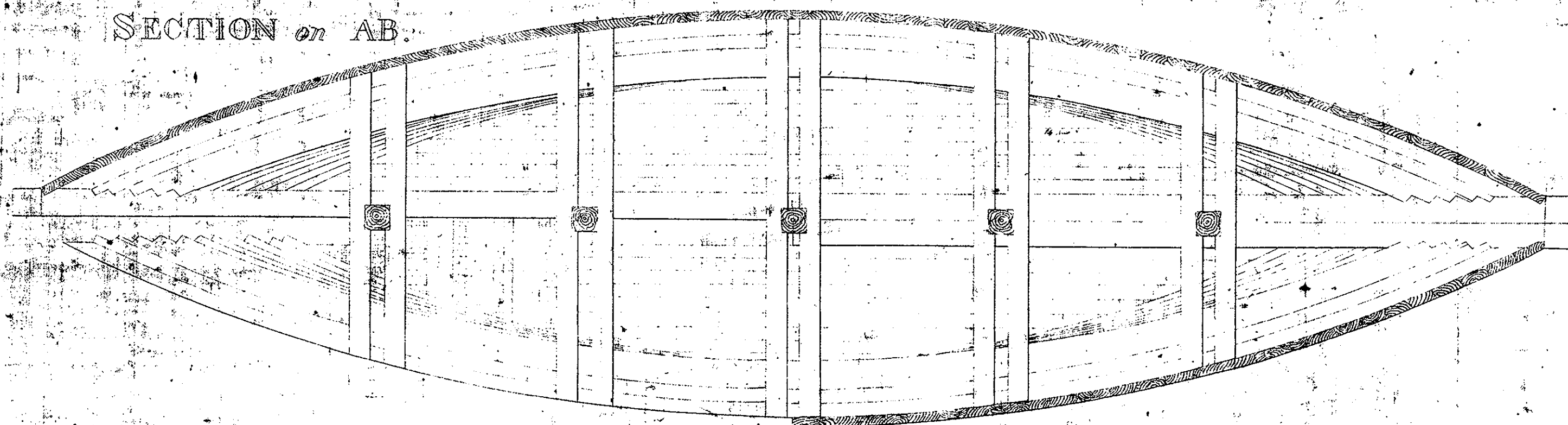
DRY DOCK at the NORFOLK NAVY YARD.

PLAN.

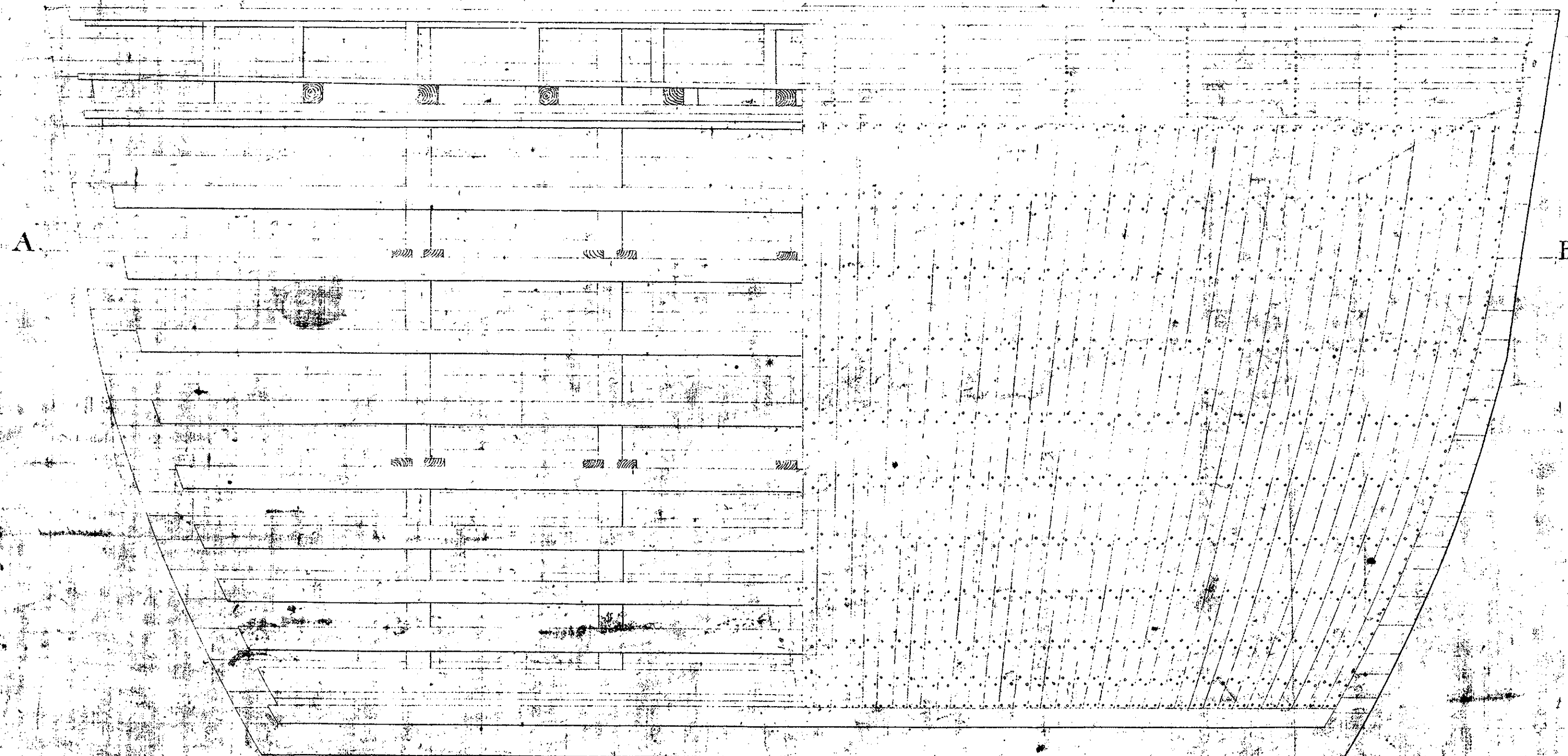
FLOATING GATE.



SECTION on AB.

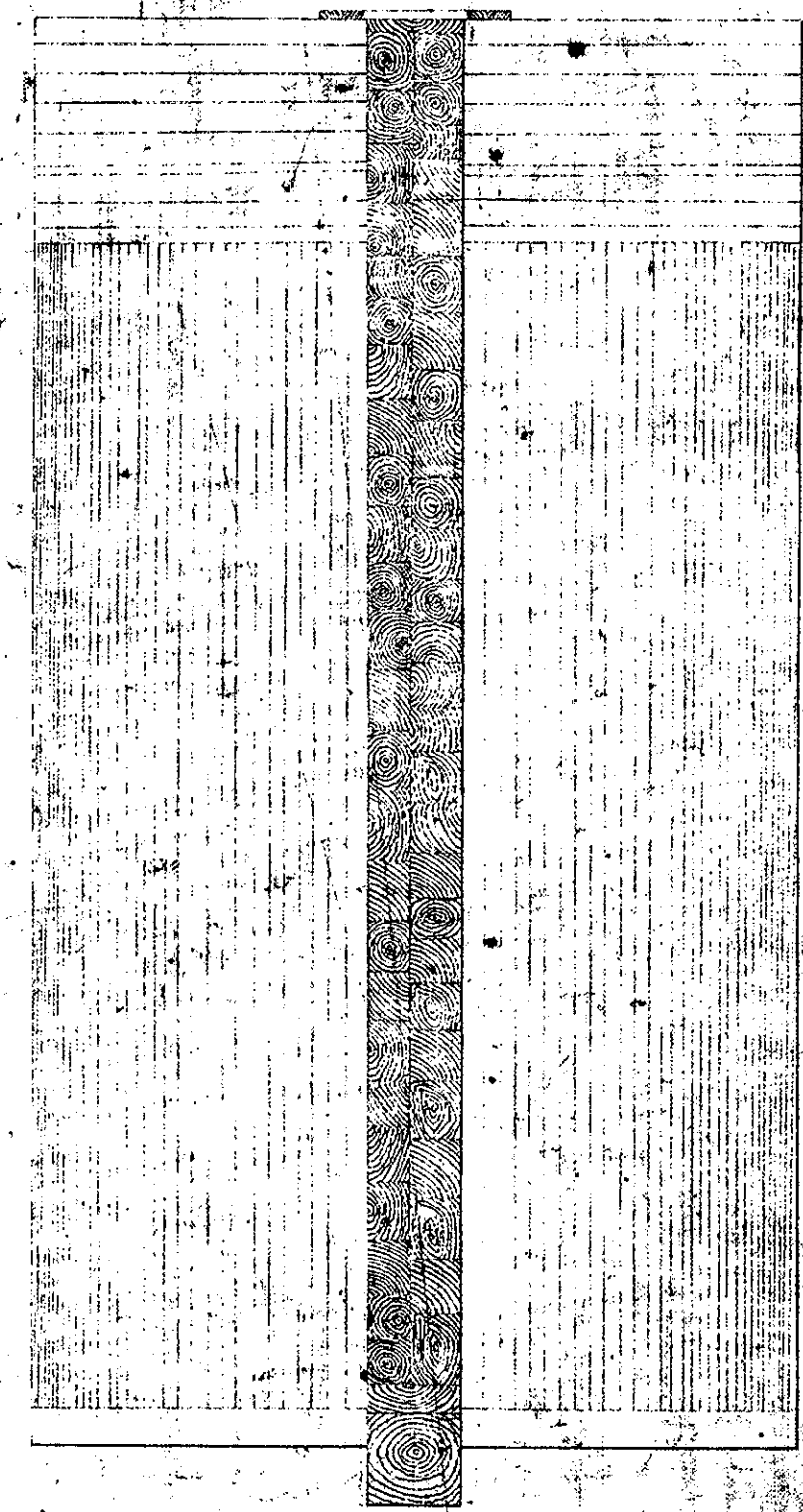


ELEVATION of SIDE.

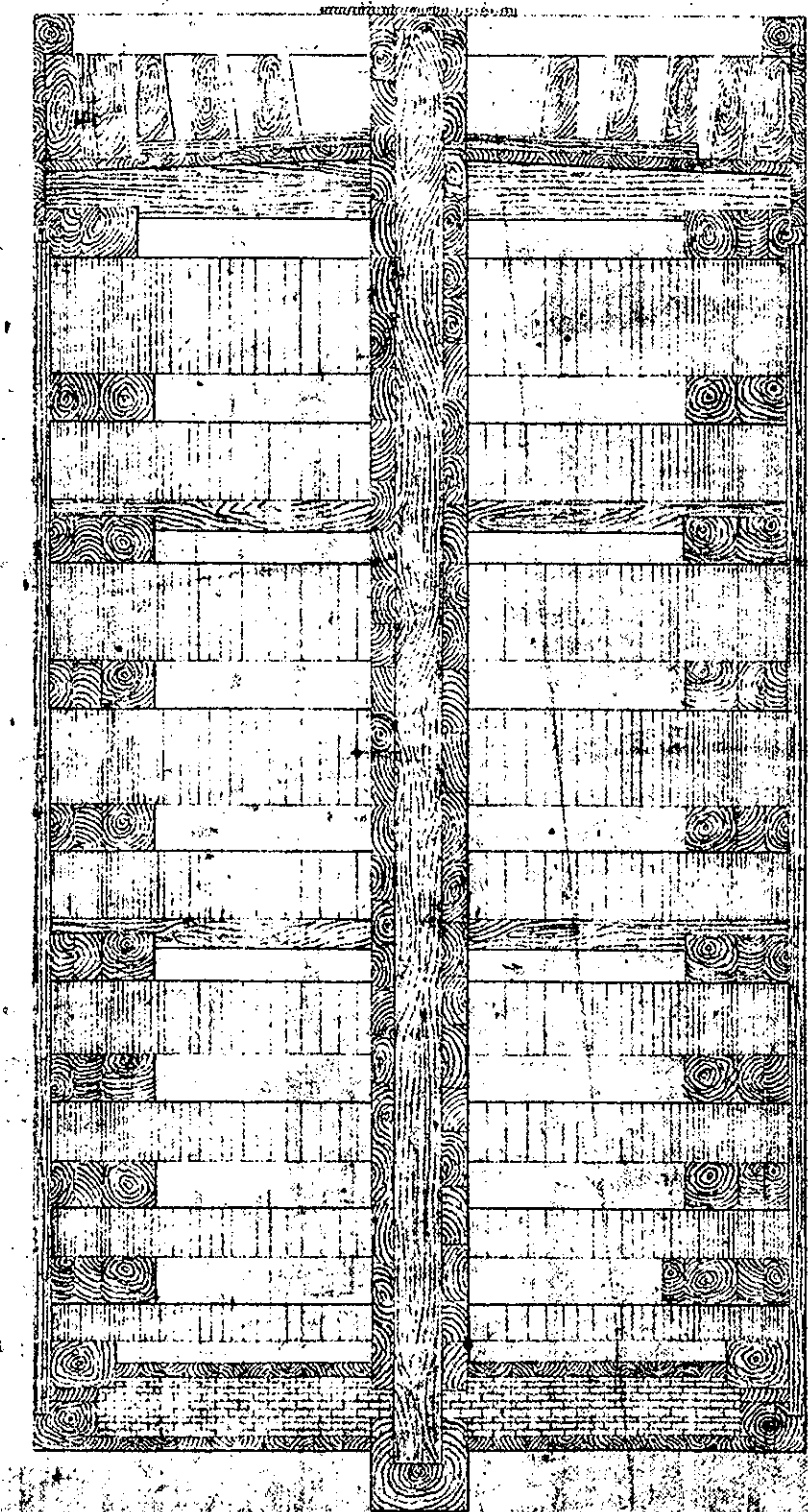


Scale

ELEVATION of END.



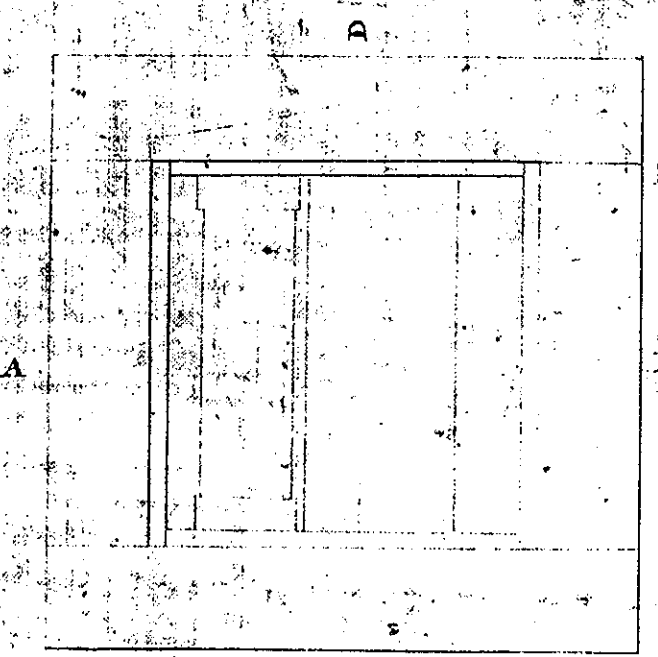
SECTION on CD.



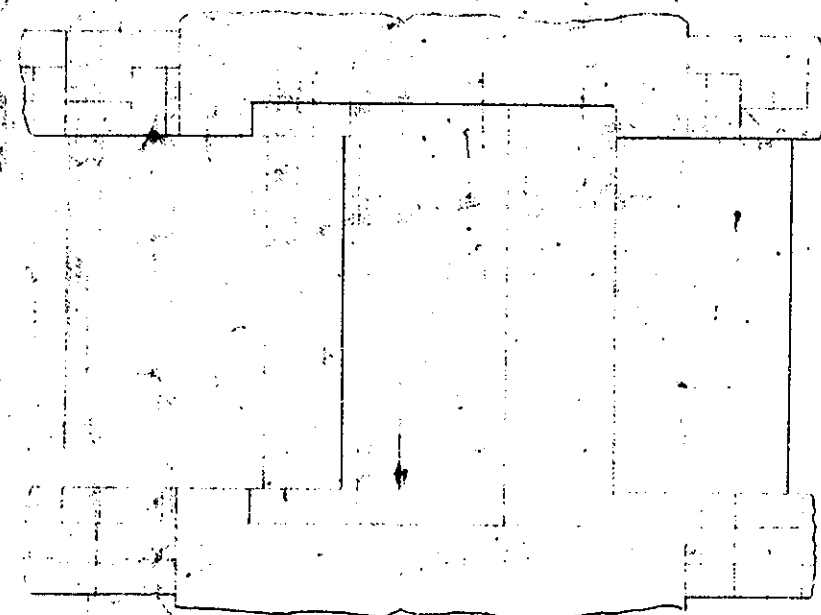
DRY DOCKS at the NORFOLK NAVY YARD

Stop Gate for Drains.

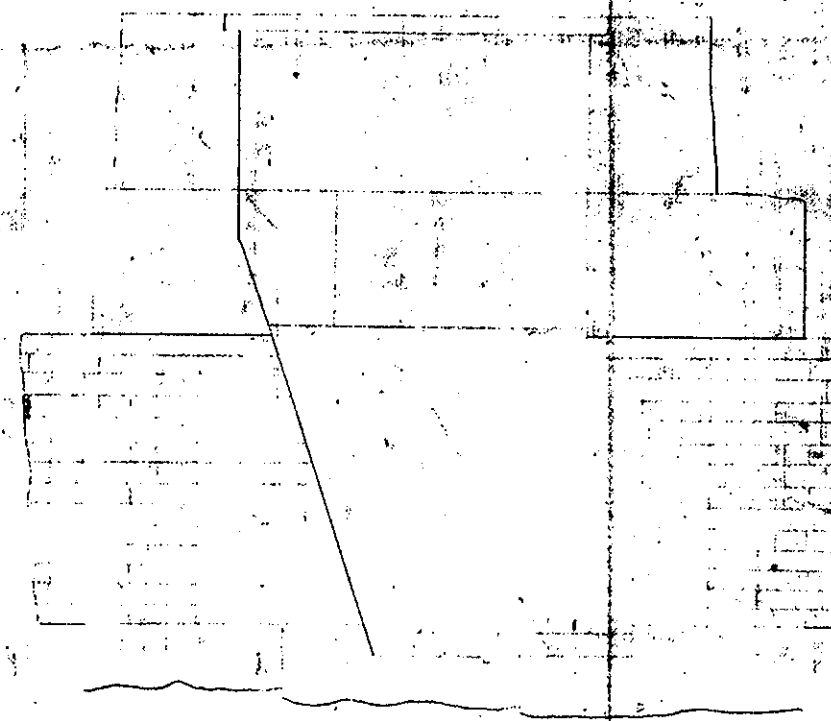
Plan of Stop-Gate. Scale 1 inch = 1 foot.



Plan of Bottom.



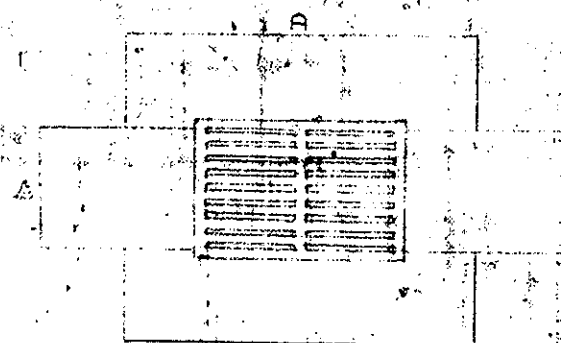
Section on AB.



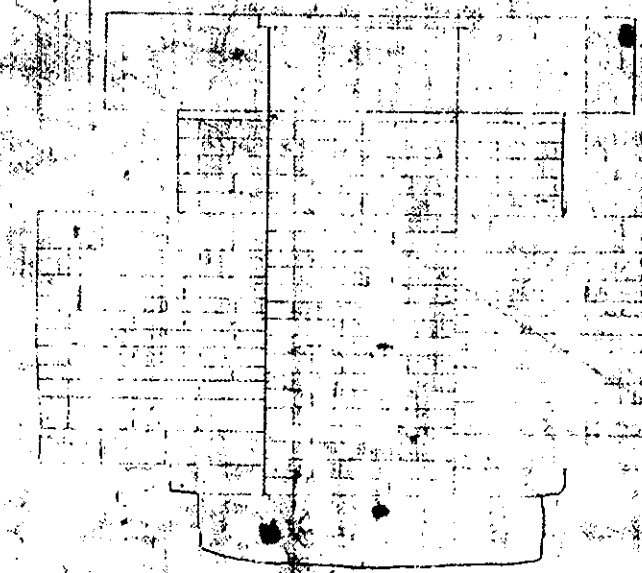
Section on CD.



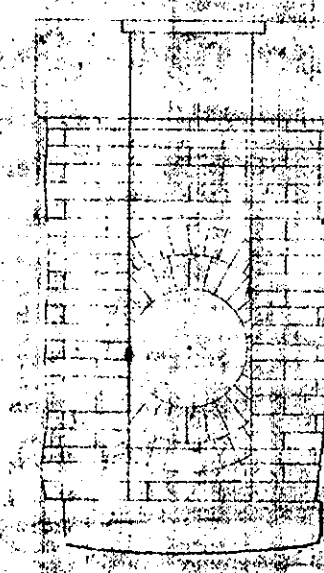
Plan of Cesspool. Scale 1 inch = 1 foot.



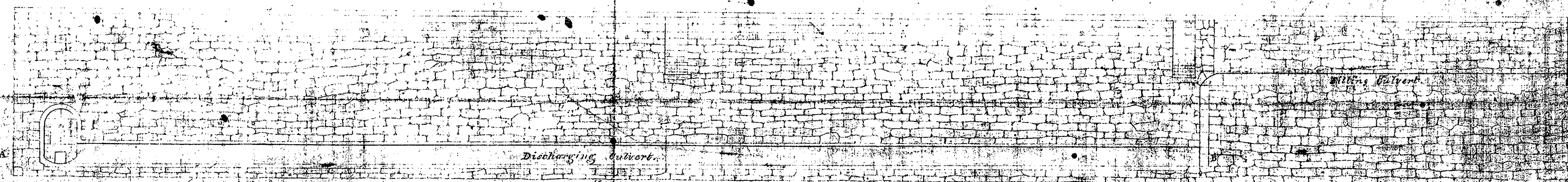
Section on AB.



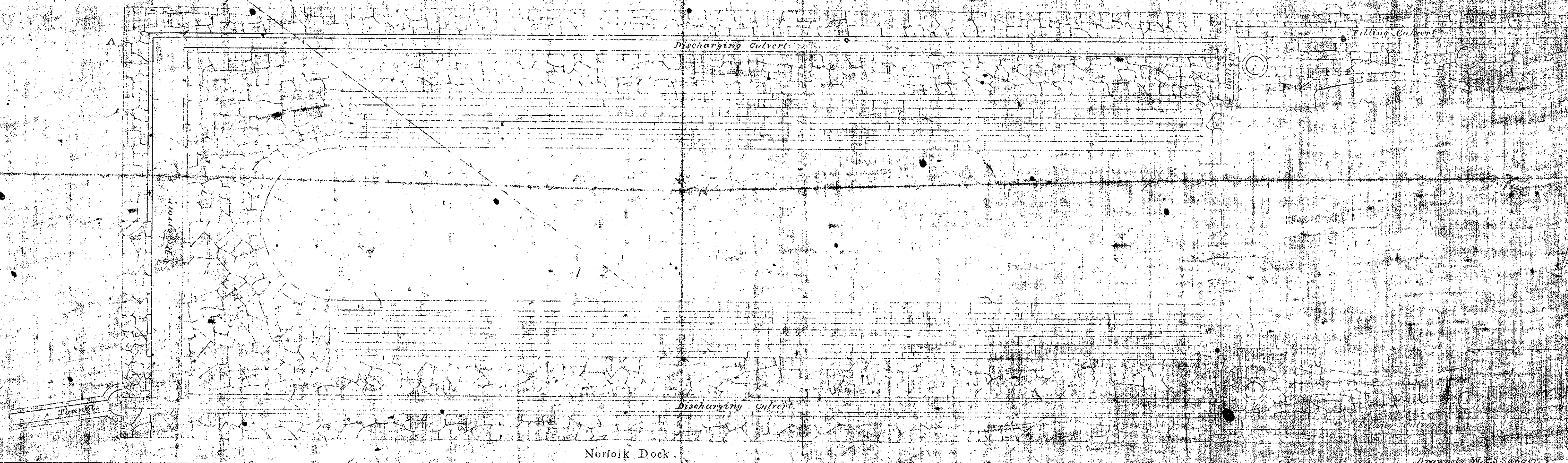
Section on CD.



Section on AB & CD.



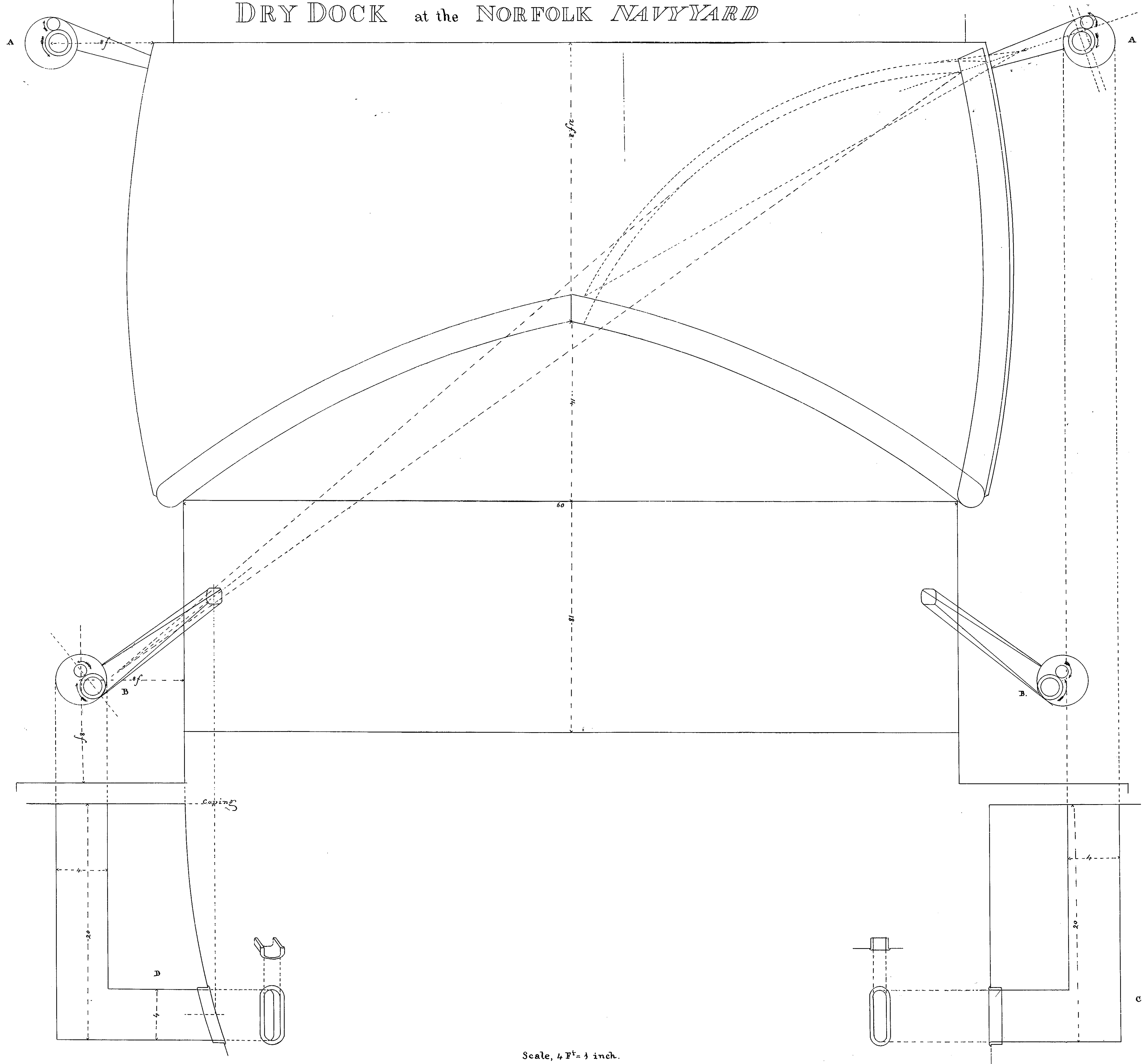
Scale 1/16 inch = 1 foot.



Norfolk Dock.

Drawn by W. E. Sanger.

DRY DOCK at the NORFOLK NAVY YARD

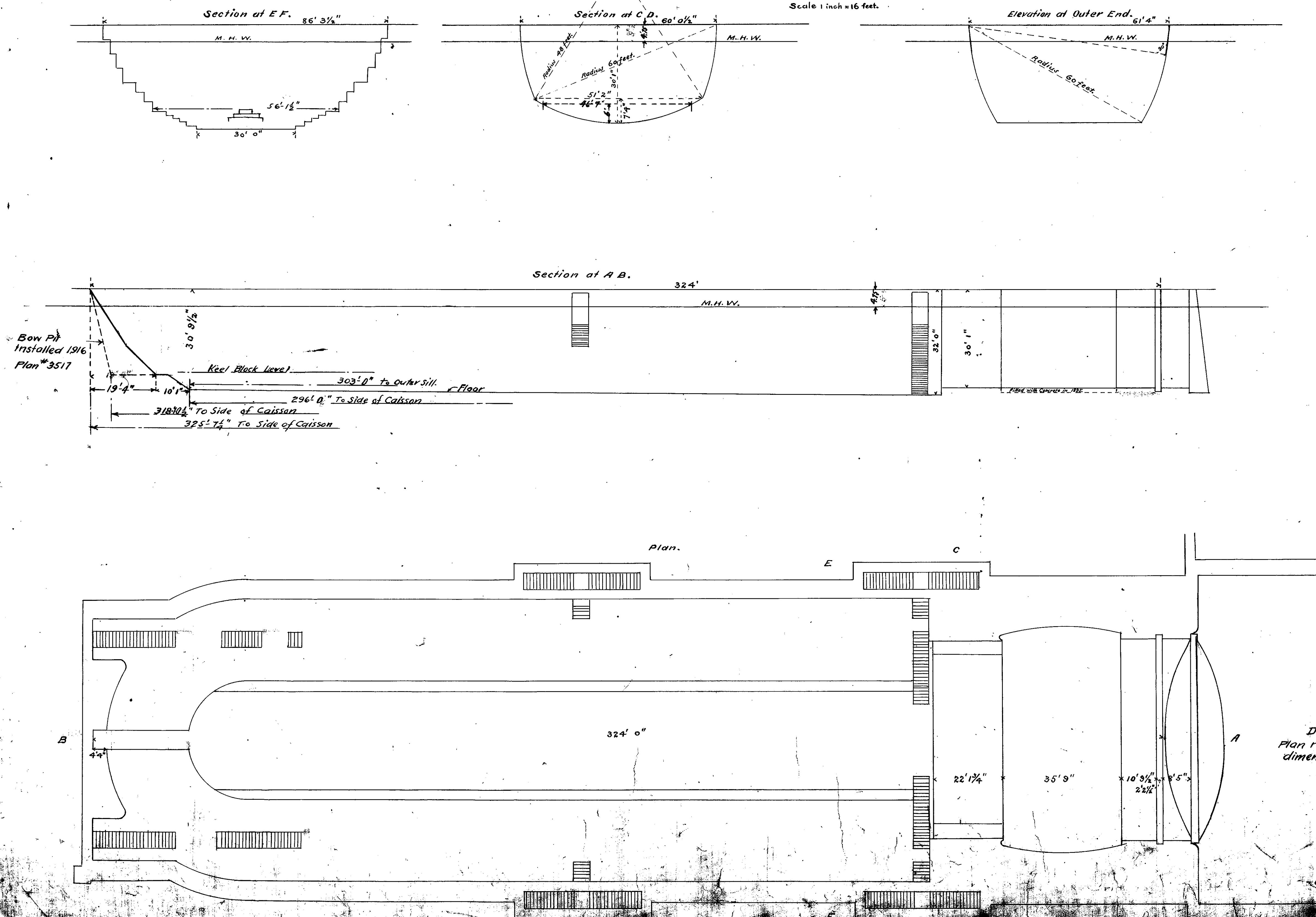


Scale, 4 ft = 1 inch.

Drawn by J. B. Brown.

U. S. NAVY YARD,
NORFOLK, VA.
PLAN OF
STONE DRY DOCK.

Scale 1 inch = 16 feet.



DRY DOCK #1
Plan revised to show Bow Pit and
dimensions to Caisson, May 21, 1934.

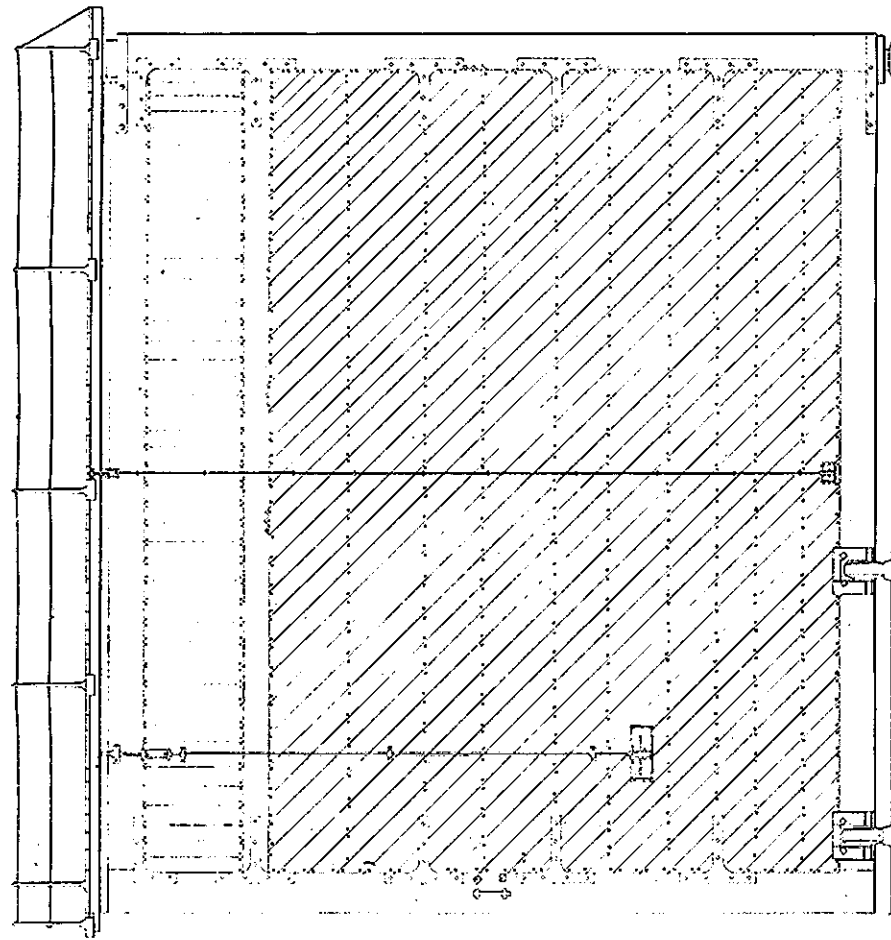
Respectfully Submitted
W. H. H. H.

Oct. 1896

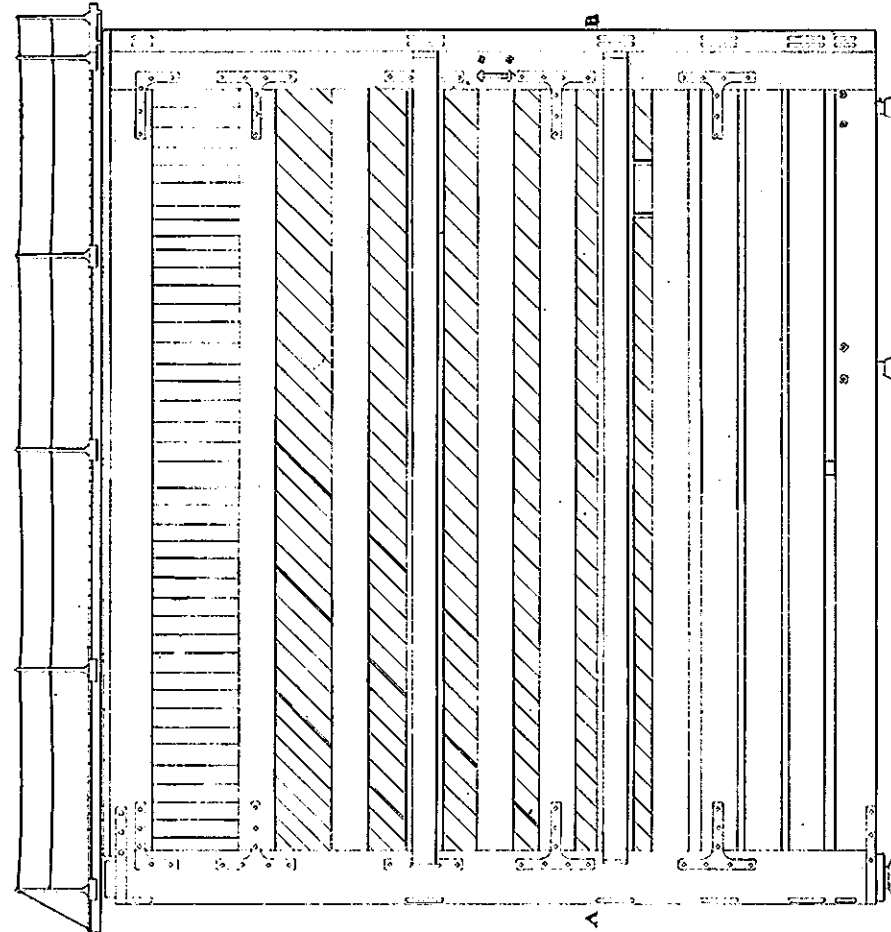
DRY DOCK at the NORFOLK NAVY YARD.

ELEVATION of TURNING GATE.

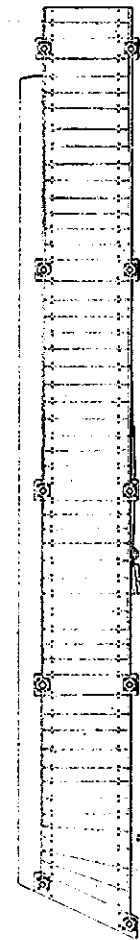
Scale 3/16" = 1'.



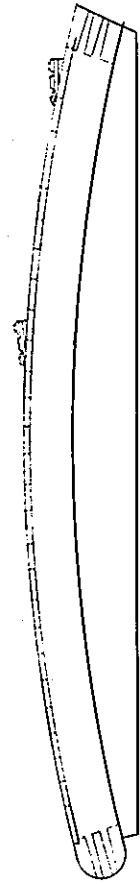
INSIDE of GATE.



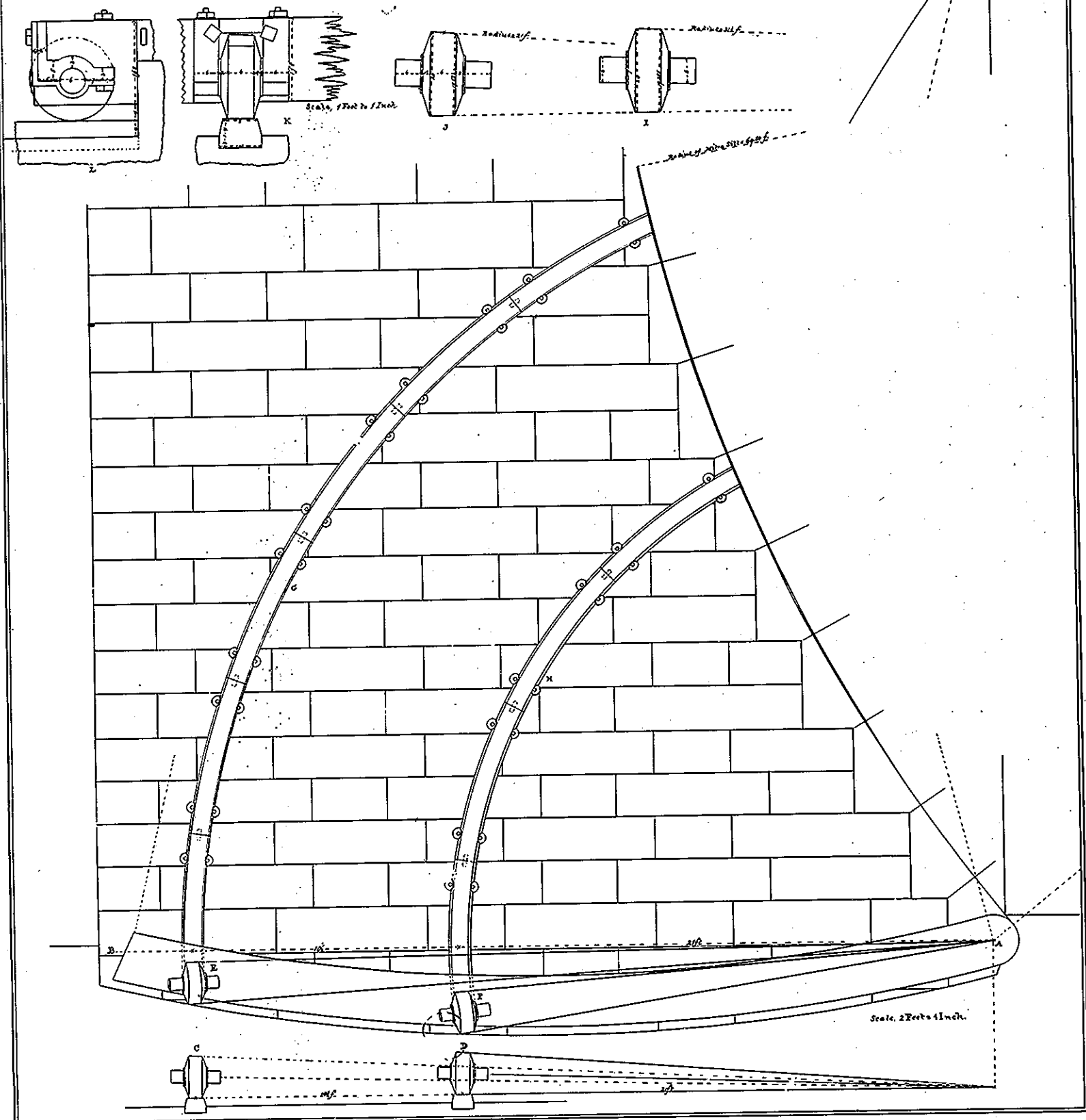
PLAN of GATE and BRIDGE.



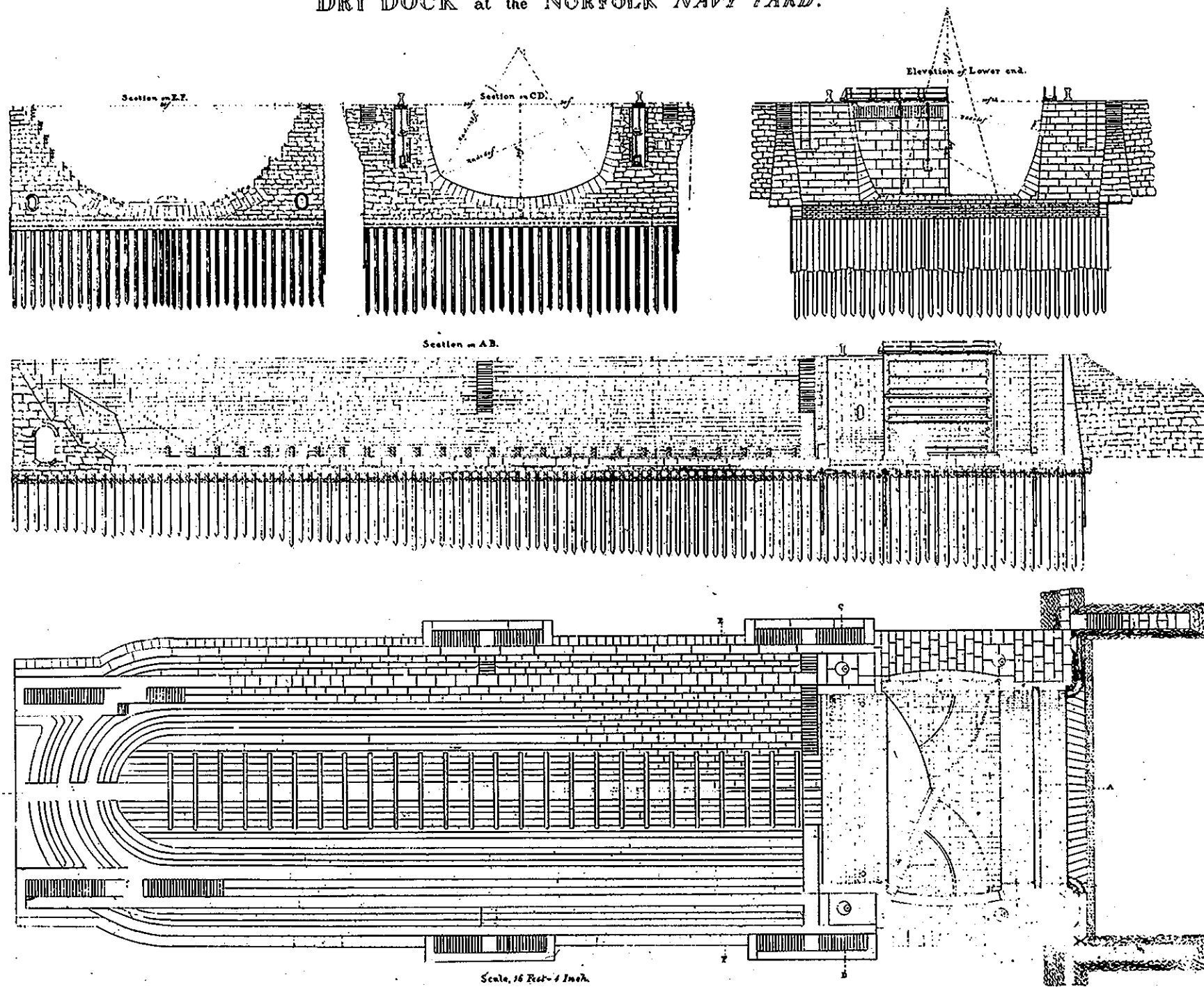
SECTION on A B.



DRY DOCK
at the
NORFOLK NAVY YARD
TURNING GATE



DRY DOCK at the NORFOLK NAVY YARD.



Scale, 16 Feet = 1 Inch.

DRY DOCK at the NORFOLK NAVY YARD.

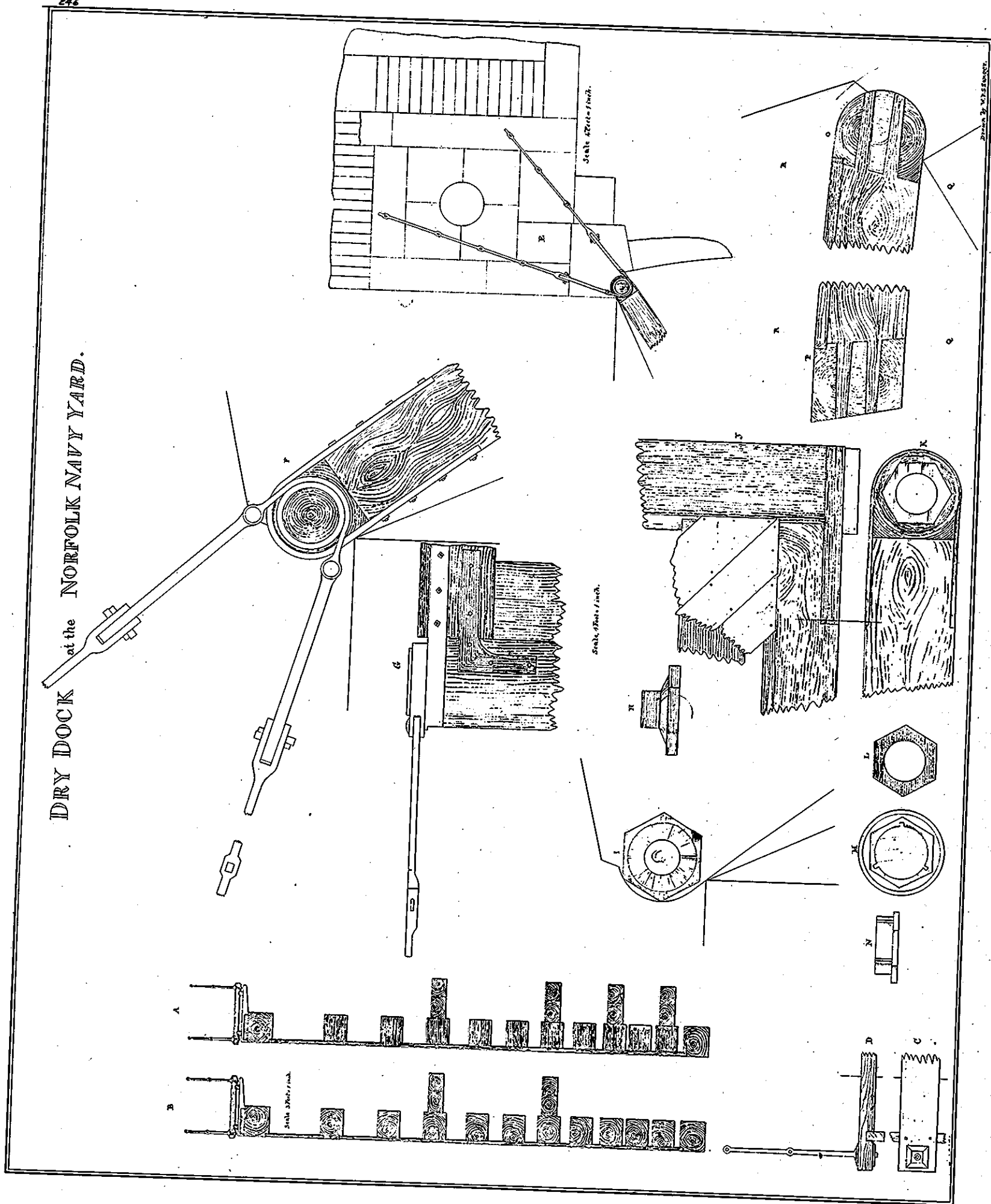
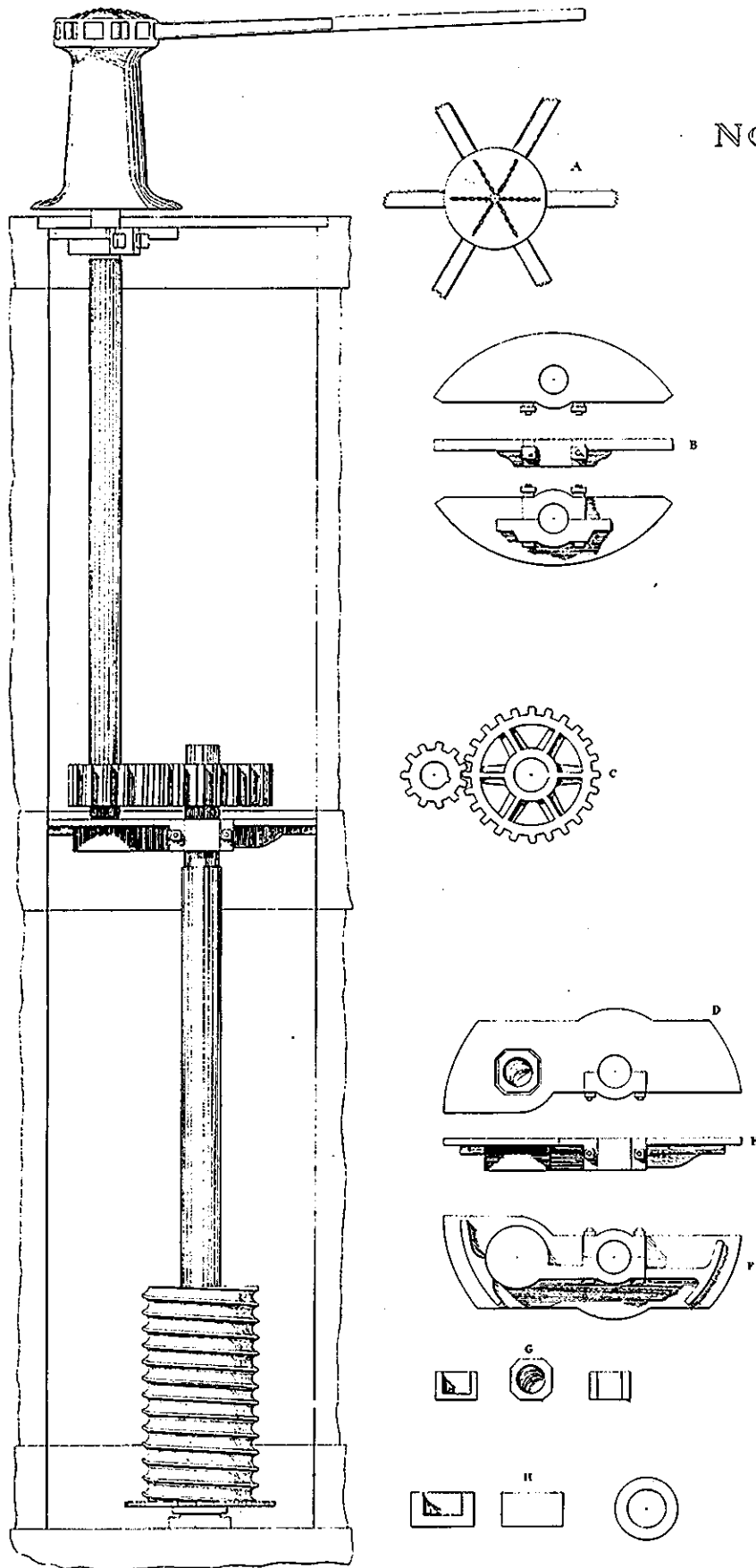
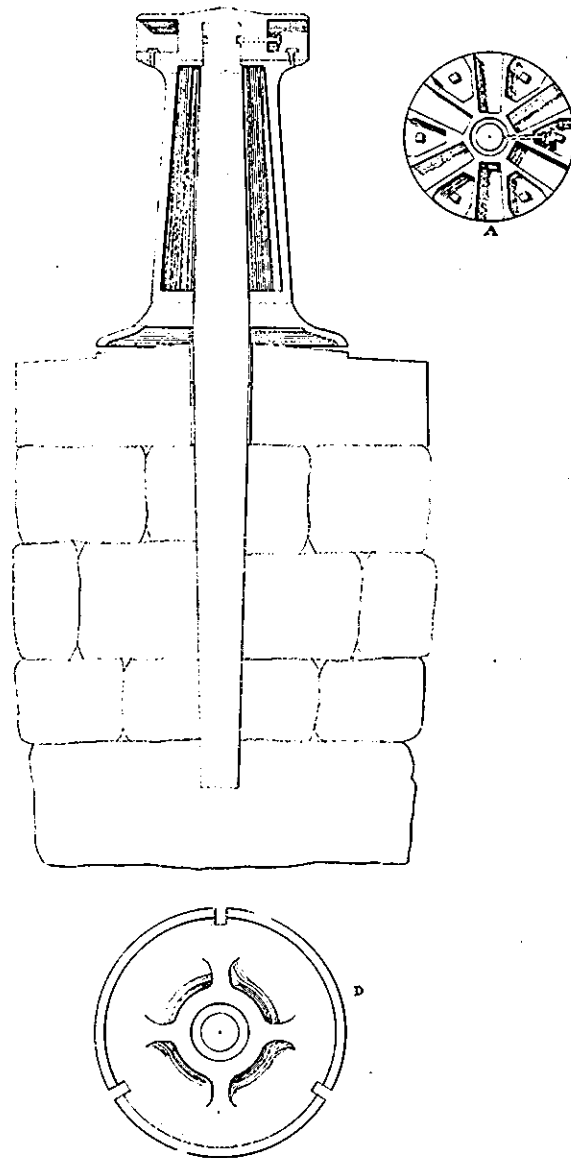


Fig 1. Scale 1 Inch = 1 Foot.



DRY DOCK at the NORFOLK NAVY YARD

Fig 2. Scale 1/2 Inch = 1 Foot.



Drawn by W.P. Sanger.