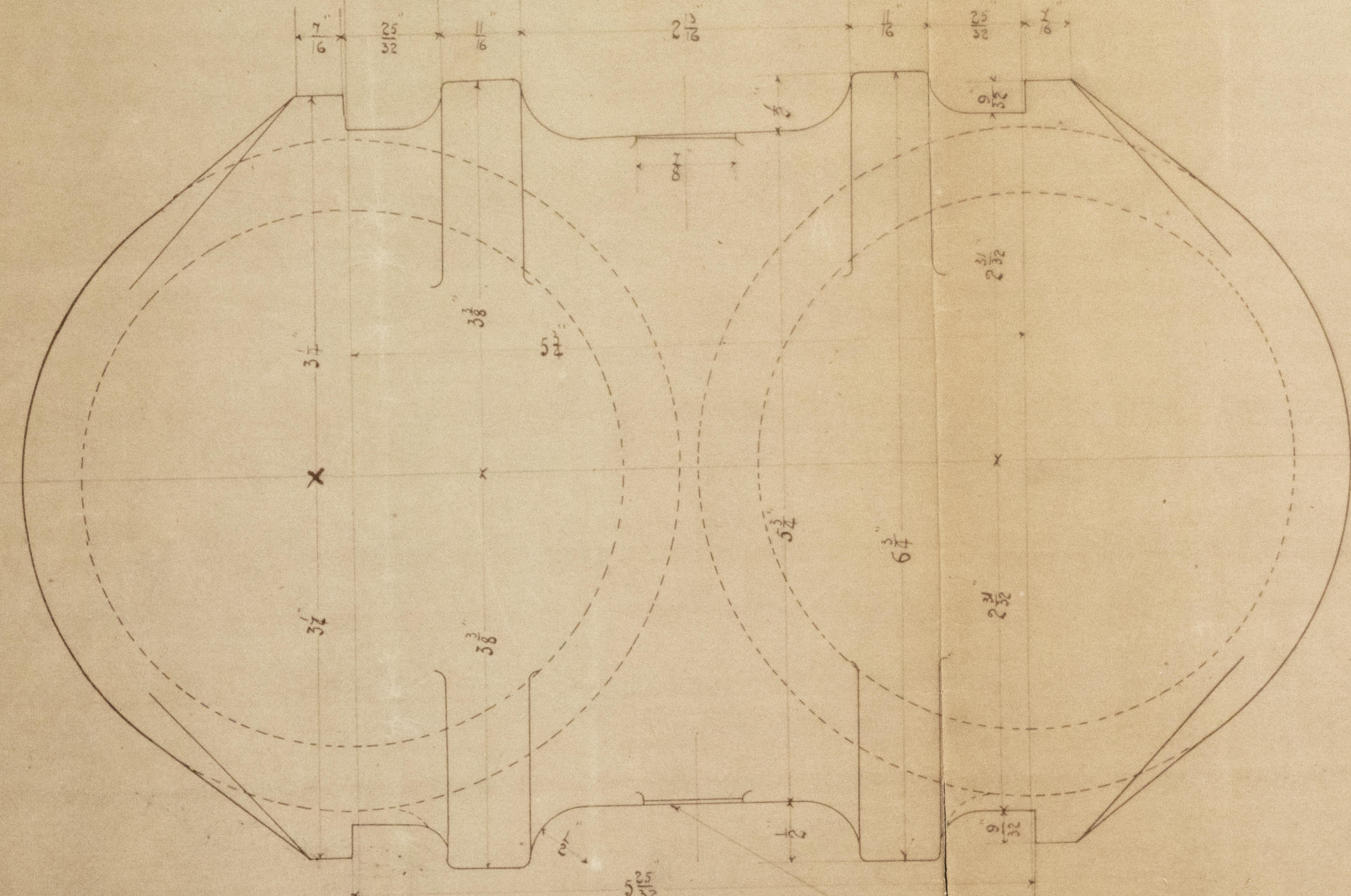


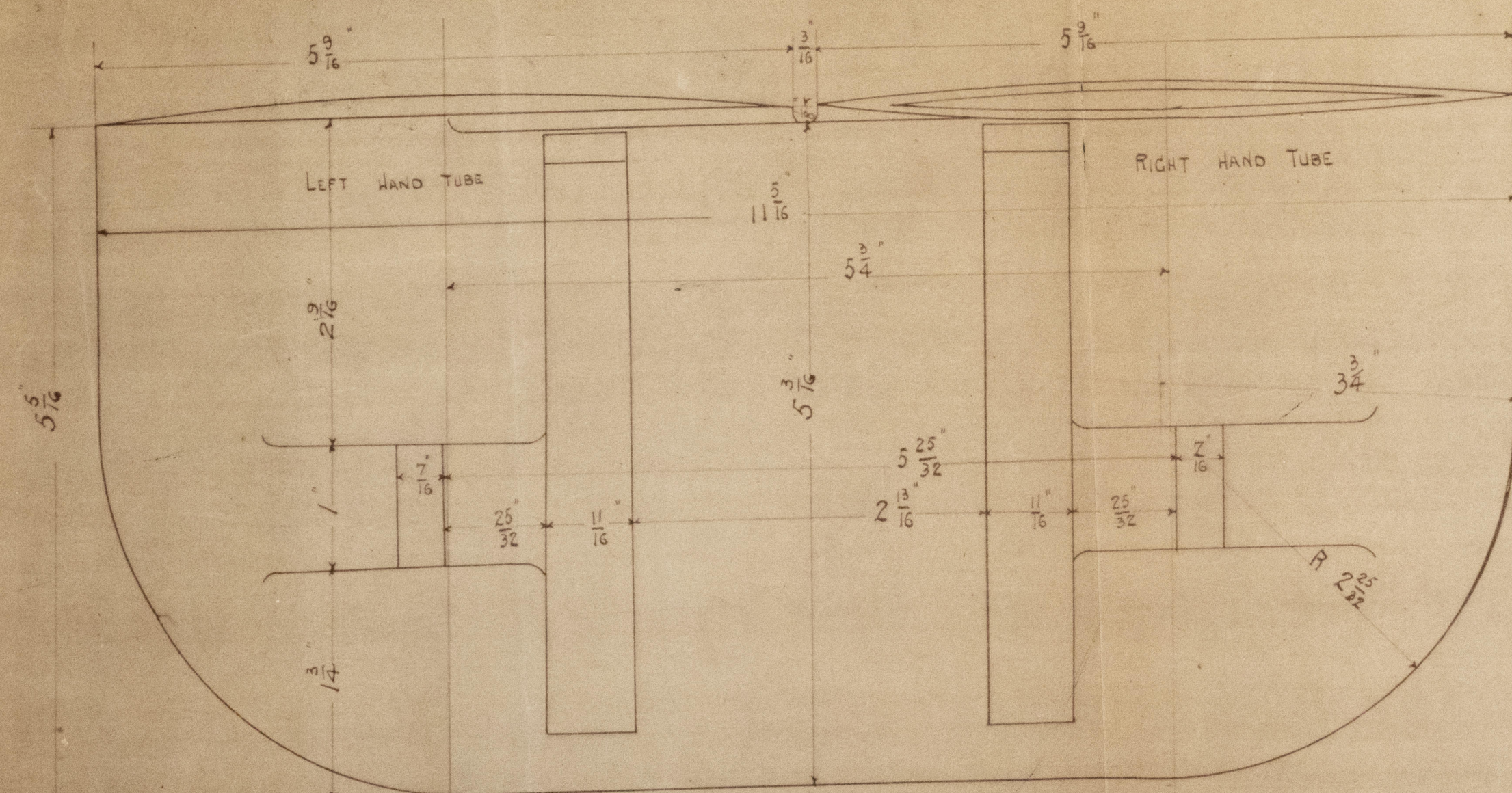
BELLEVILLE BOILER N° 307
BACK JUNCTION BOX LOWEST TIER

FULL SIZE



BACK VIEW

SPAC. FOR FITTING BOX TO FACE PLATE WHEN TAPPING HOLES.



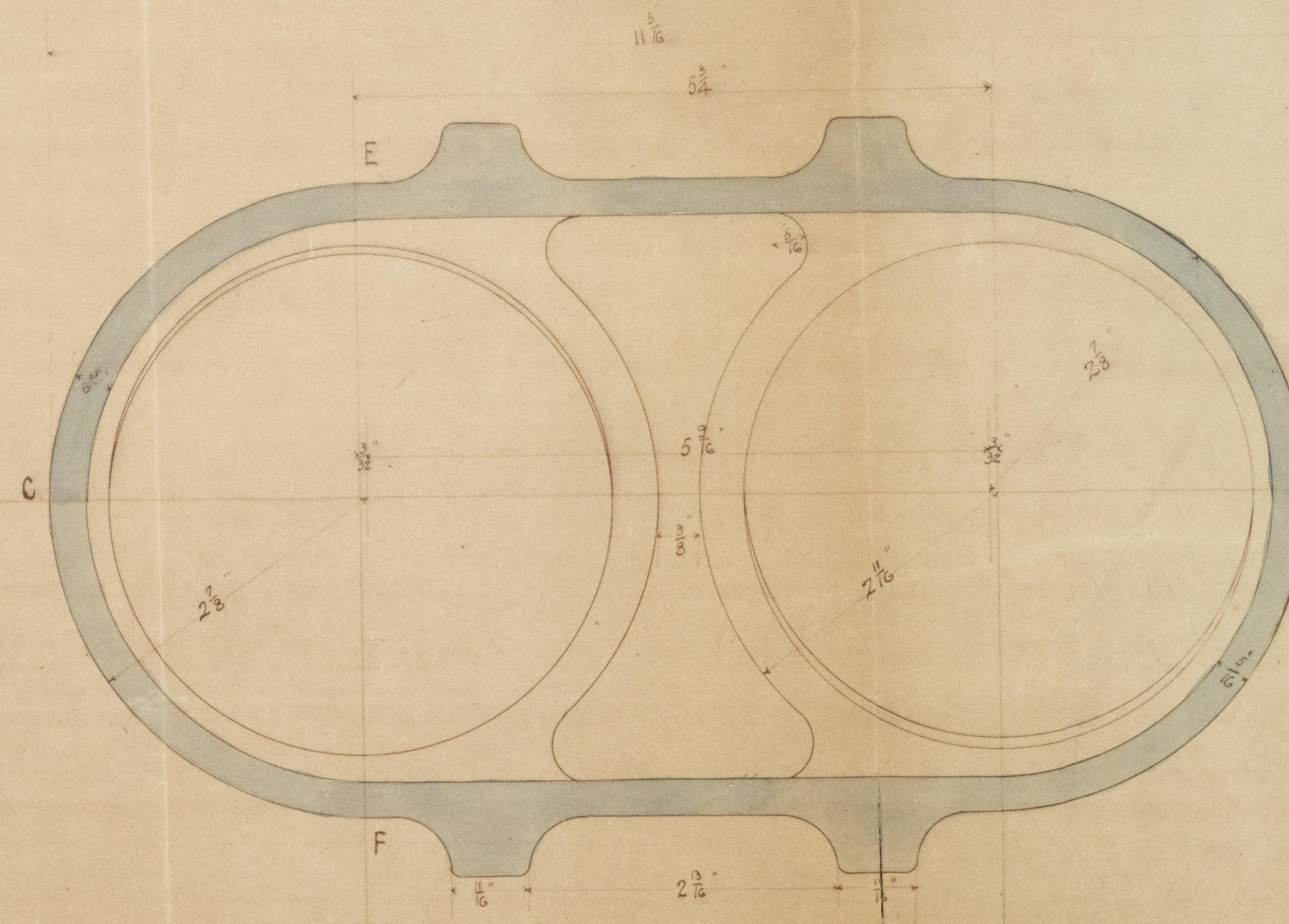
PLAN VIEW

TESTS

DROP TEST. EACH ONE TO BE DROPPED 25 FEET ON TO A CAST IRON SLAB WITHOUT SHAKING ANY SIGN OF FRACTURE.
CROWING TEST. NOT LESS THAN 4" OF THE SADDLES ARE TO BE REDUCED IN BREADTH AT LEAST 25% OF THEIR WIDTH WITHOUT CRACKING.

BENDING TEST. A STRIP AS SHOWN DOTTED IS TO BE CAST ON EACH BOX AND ANY SELECTED FROM THESE ARE TO BE BENT TWO IN ANGLE OF 90° OVER A 1" BOW WITHOUT SHOWING ANY SIGN OF FRACTURE. ANY OF THE CRANKED SIDES ARE TO BE BENT AS REQUIRED WHEN THE FRACTURE SHOULD SHOW THAT THE BENDING HAS PENETRATED AT LEAST 6 INCH.

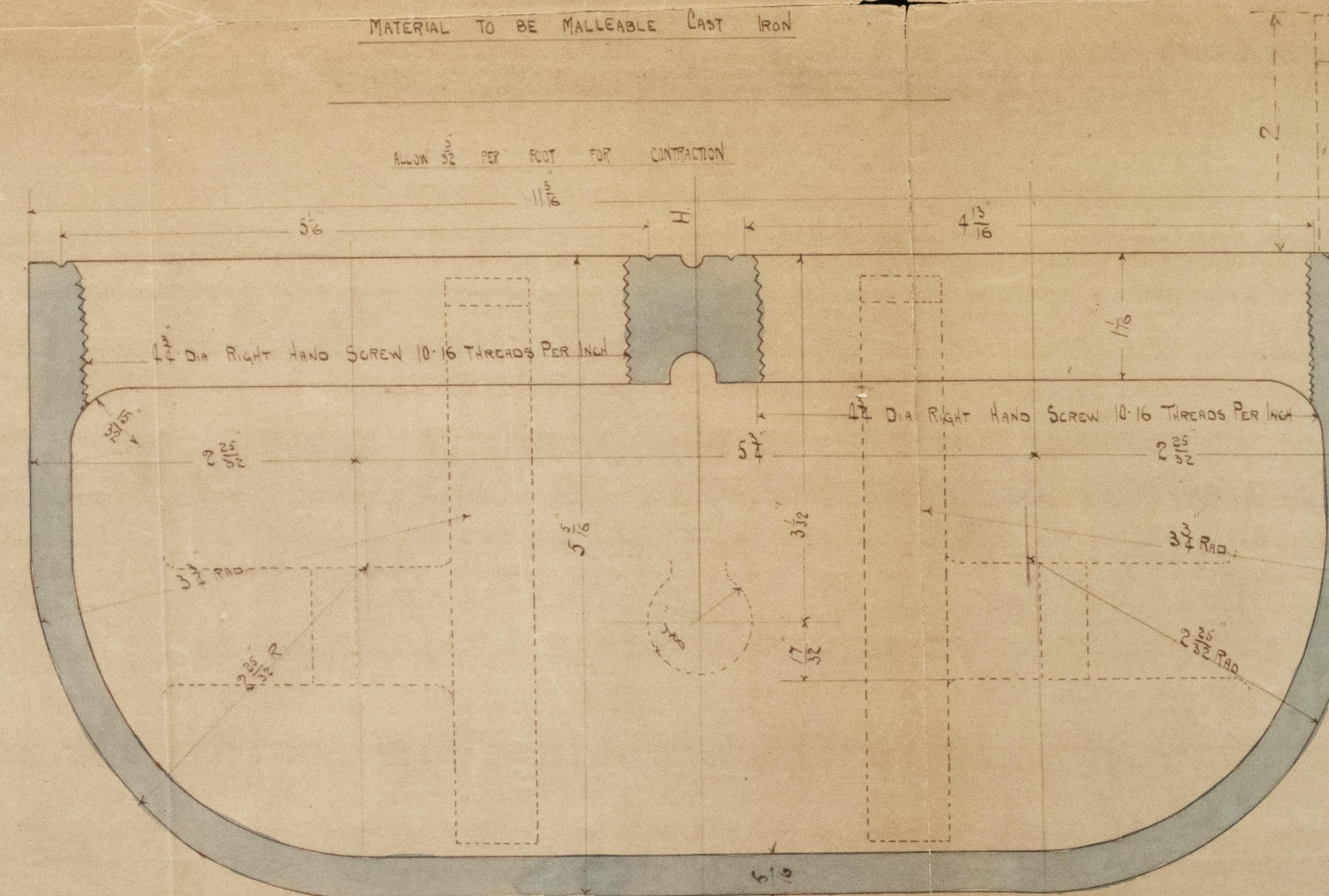
EACH BOX TO BE TESTED BY WATER TO 750 LBS PER SQ



SECTION THRU A-B

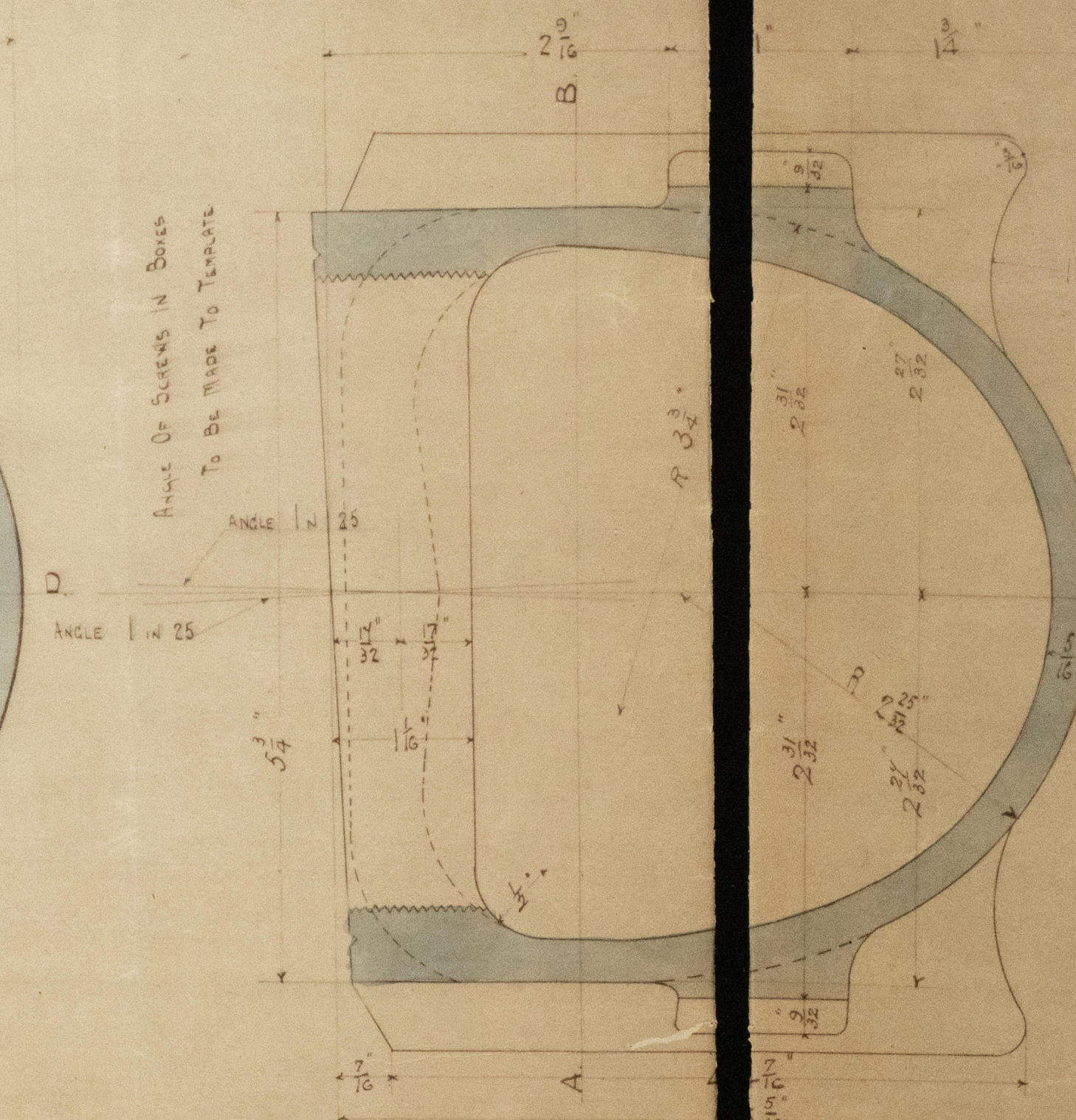
234 OFF WORKING AND 9 SPARE WITH RIGHT HAND TUBE ASCENDING & LEFT HAND TUBE DESCENDING THE QUANTITIES MARKED ARE FOR 30 BOILERS
25 OF 8 AND 6 OF 7 ELEMENTS EACH

MATERIAL TO BE MALLEABLE CAST IRON

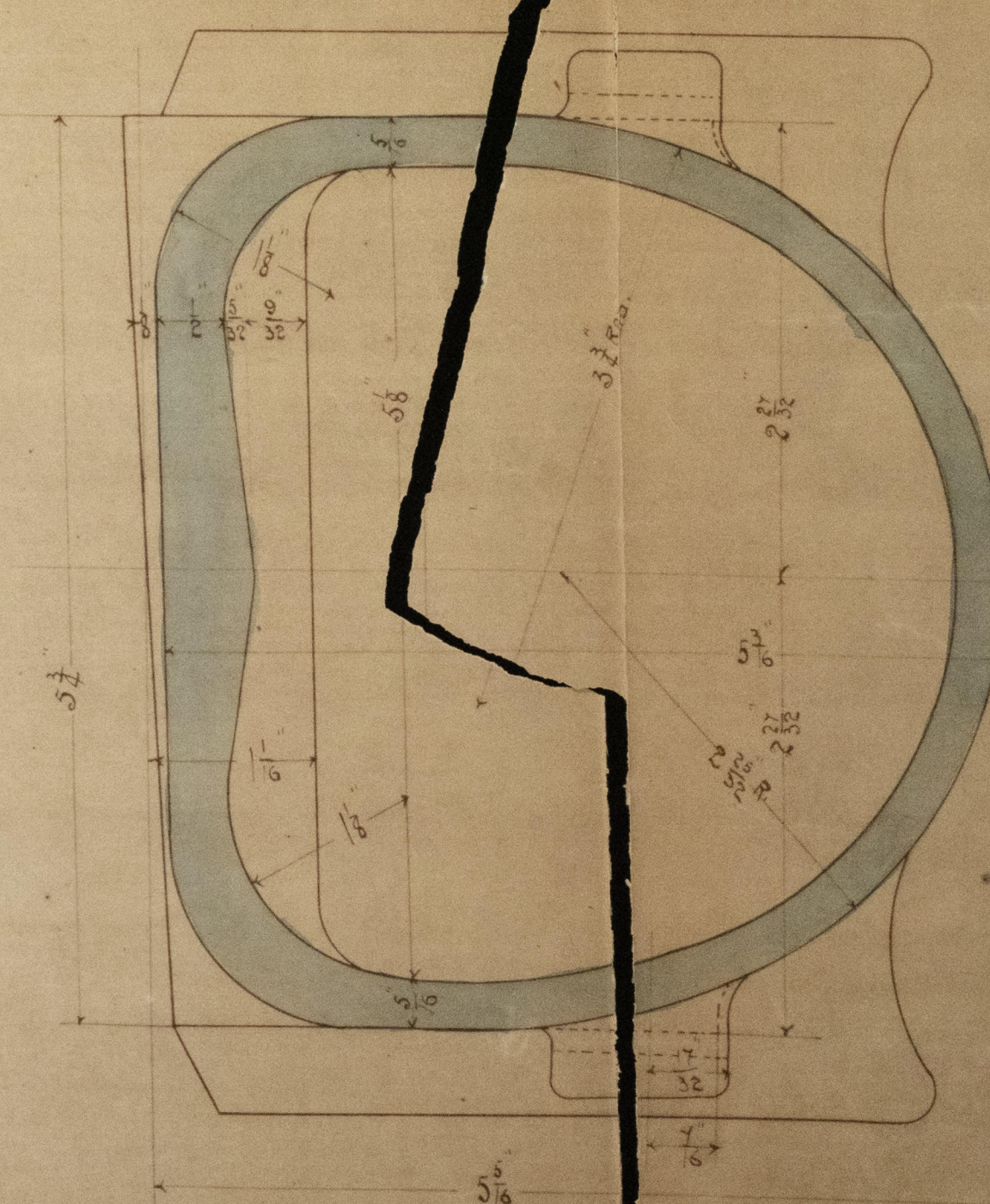


SECTION THRU C-D

THE BOXES ARE TO BE REJECTED IF THEIR LENGTH IS MORE THAN 1 1/2" AND THEIR HEIGHT IS MORE THAN 5 3/8" IF THEIR THICKNESS AT ANY POINT EXCEEDS 56 MORE OR 56 LESS THAN THAT SPECIFIED.



TRANSVERSE SECTION THRU E-F



TRANSVERSE SECTION THRU G-H

LLOYDS
COPY

GLS270-0088



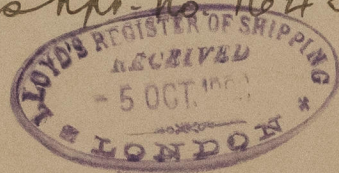
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800-02579

Chidebank & S. S. Co.
No. 307. S.S. "Moshwa"

See Rpt. No. 16439



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