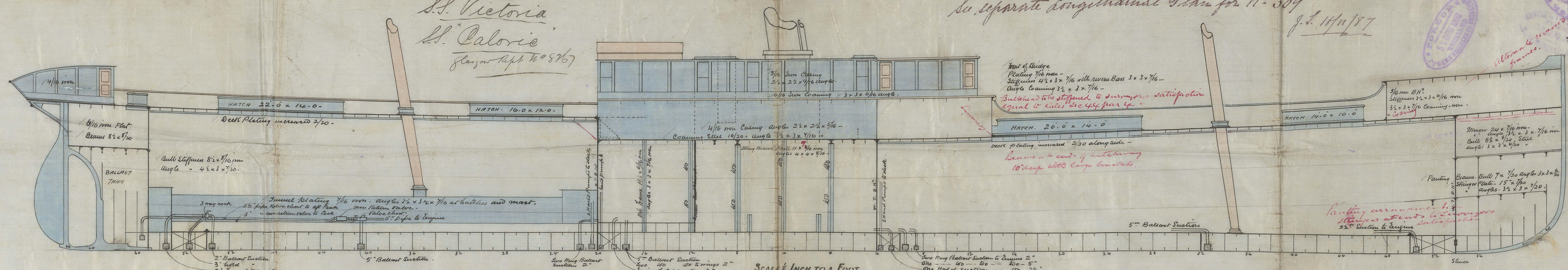
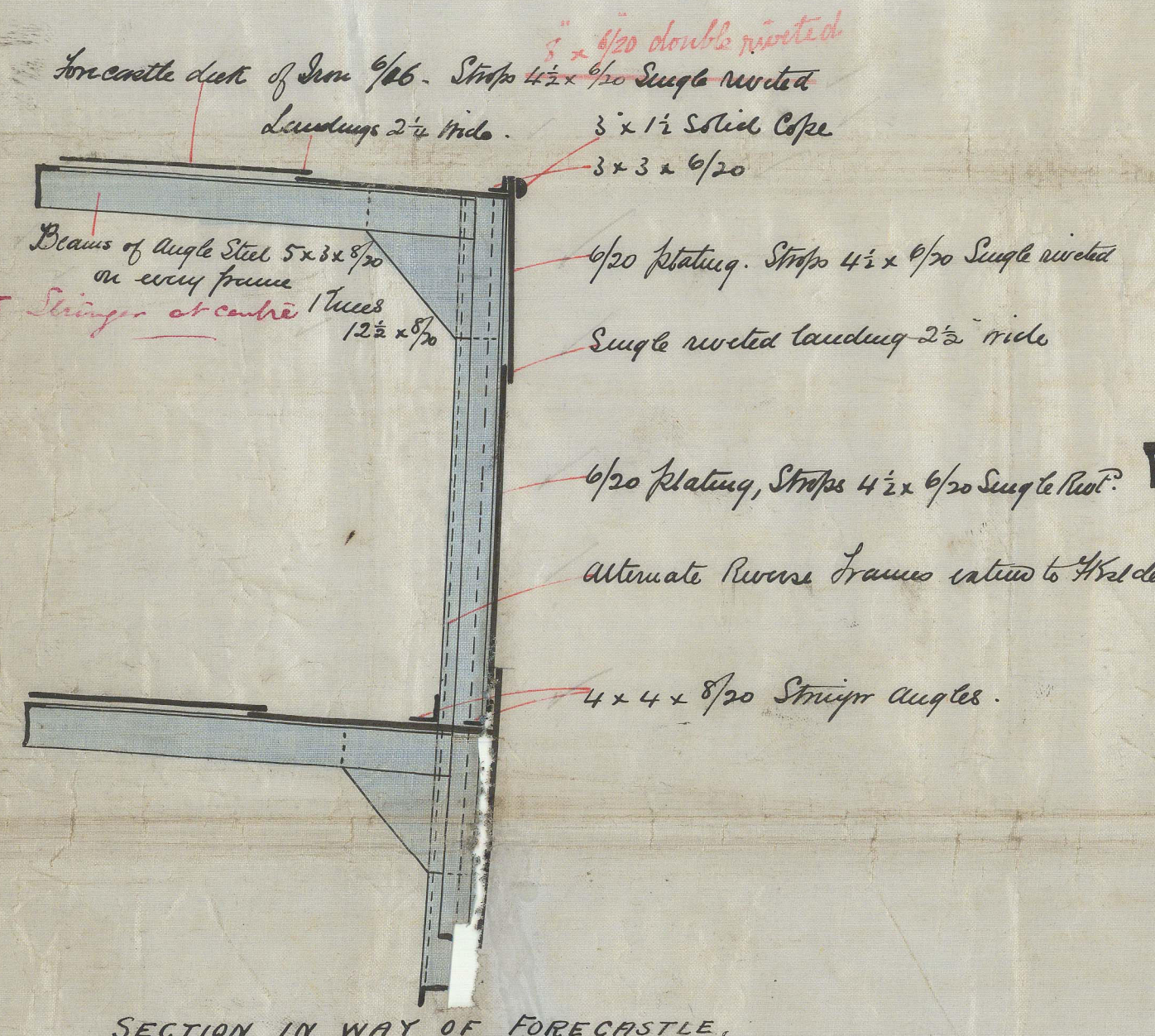


09  
J. L. 16/11/87



— STEEL SCREW STEAMER No 307 *309*  
*To Class. 100 A.1 at Lloyd's.*



<u>Dimensions.</u>	<u>FEET.</u>
Half Moulded Breadth .....	16.29
Depth from Top of Keel .....	19.87
Half Midship Girth .....	33.84
Length on for Rule .....	258.58

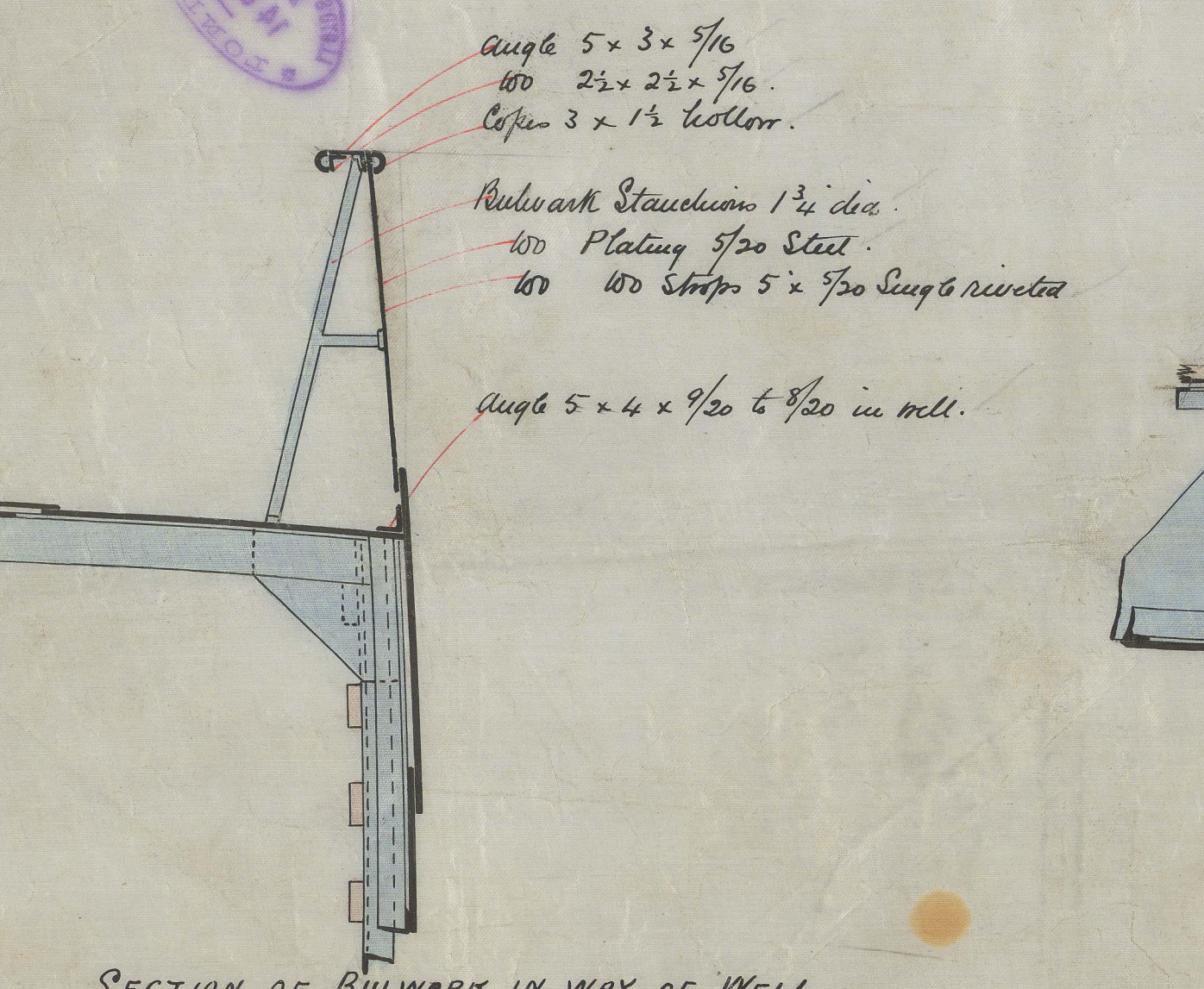
Numerals.

18.29 + 19.87 + 38.84	..... =	72.	Humans
100 + 100 + 100 x 258.58	..... =	18617.76	Longitude
100 + 100 + 100 x 100 + $\frac{7}{10}$ of $\frac{1}{8}$	=	20317.36	Output

Proportions 20642 do

$258.58 \div 19.87 = 13.01$  Depth to Main chert.

$100 \div 36.58 = 2.73$  moulded Breadth.



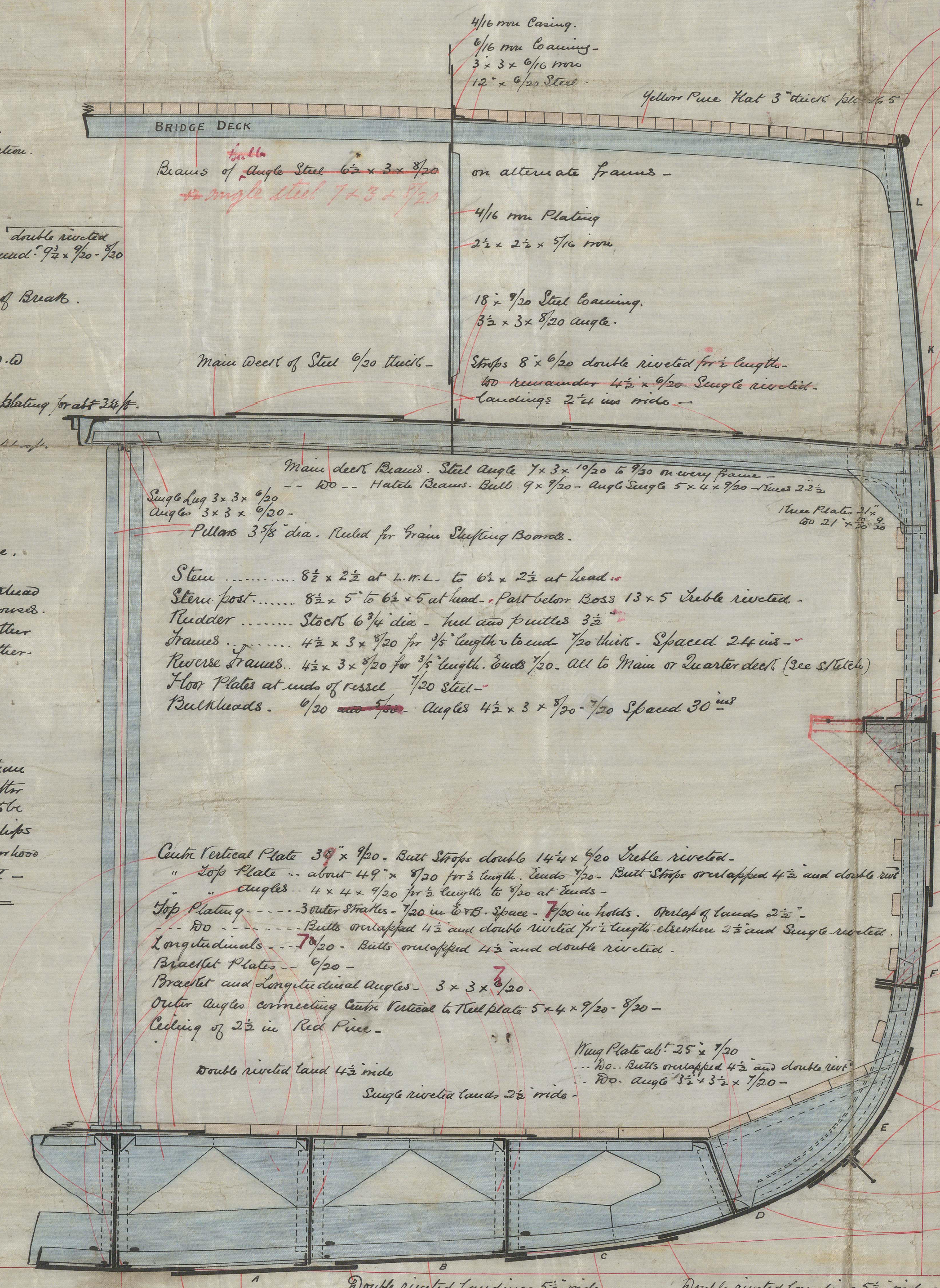
SECTION IN WAY OF RAISED QUARTER DECK.  
SHOWING INTERMEDIATE FRAMES ON WHICH NO BRACKETS OCCUR.

SCALE  $\frac{1}{2}$  INCH TO A FOOT

Rail of Elm & Oak 8 x 3  
 100 Augs. 5. 22 x 9/20  
 Bulwark of iron 4/6. Strops 5" x 4/6 Single riveted.  
 10/20 in mwy of Breast of Cavalier deck. - see other Section.  
 Bulwark Stanchions 1 1/2 dia.  
 Stringer Plates. 16 1/2 x 10/20 1/2 x 6 30 x 9/20 double riveted  
 100 Butt Strops 1 1/2 x 7 3/4 mwy double riveted 1/2 x rivet. 9/2 x 7/2  
 Side Plating of R.O.D. 10/20 to 1/2 at end. 4/20 in mwy of Breast.  
 100. Strops see other section -  
 Double riveted Landing 5 1/2 wide in mwy of R.O.D  
 Sheerstrake doubled in mwy of Breast, with 10/20 plating, 1/2 at 3/4  
 Breast Plate. 4/20 top to 1/2 at bottom, between angles, 1/2  
 100. Augs. 5 x 4 1/2 1/2 x 1/2 1/2 wide 9/20  
 100. Interstitial Augs 3 1/2 x 3 x 1/20.

Material, The Stone Stone Flat. Rubbles, Coarse, .  
Holt Pillars. Shaft Lumber. Coal Rubbles -  
Square Porter seating. Holes. Rubbles. Redhead  
lugs, Square Porter Carriage. Port Lugs.  
Slip iron - and the rivets to be of iron - Other  
Material on these sections includes three other-  
wise specified to be of steel -

Pelting -  
The pellets coming from the birds were thicker than the strata underneath - Remains of 3 other kinds of Pelting from the same formation of same thickness as their strata underneath and all the Salt Sticks in the neighborhood of same to be so thick and noble marked -



Struger Plate 24" x 70" Bull Strips 7 1/2" x 70" Double riveted.  
 .. No .. angles 3 x 3 x 7/20  
 Soldered Caps .... 3" x 1 1/2"  
  
 Sides of Bridge 7/20 - increased to 1/20 in way of Break of 2 D.  
 .. No .. Bull Strips 14 1/2" x 7/20 - 7/20 Sails riveted -  
  
 Single riveted landing 2 1/2" wide  
  
 7/20 in way of Bridge. 7/20 in way of Wheel. 7/20 in way of rails. Strips 2 1/2" x 7/20 in way of that Single riveted.  
 7/20 in way of R.O. increased to 7/20 at Break, and to 7/20 in way of front of Bridge. 100 5" x 7/20 - " Well 100 100  
 100 9 1/2" x 7/20 - " Bridge double riveted  
 100 5 1/2" x 7/20 - " R.O. 100 - 100 100  
 100 in way of Break, 10 1/2" x 7/20 Sails riveted -  
  
 Single riveted landing in way of Bridge. Wheel Well 2 1/2" wide  
 Double - 100 - 100 - in way of Round Quarter deck 5" wide  
  
 Struger Plate 5 1/2" x 7/20 for 1/2 length to 30 x 7/20 at ends  
 .. No .. Bull Strips 14 1/2" x 7/20 and rails riveted for 1/2 length, remainder 9 1/2" x 7/20 double riveted.  
 .. No .. angles - in way of Bridge 4 x 4 x 7/20 - in well 5 x 4 x 7/20 - 7/20 - Wheel 4 x 4 x 7/20 -  
  
 Short-trail about 50" x 7/20 for 1/2 length, thence 14/20 to 7/20 at ends.  
 .. No .. Double for about 2 1/2 feet at Rear of Quarter deck, with 100 plate  
 .. No .. increased to 7/20 from about 10 ft. ahead of front of Bridge to the half length increased -  
 .. No .. Bull Strips about 2 1/2" x 7/20 and rails riveted for 1/2 length - remainder 11 1/2" x 5 1/2" x 7/20 double  
 .. No .. 100 - in way of the 7/20 plating to be double strips curve - 30 - 3 1/2" x 7/20 double riveted -  
  
 Double riveted landing 6 ins wide.  
  
 about 50 1/2" x 7/20 for 1/2 length to 7/20 at ends.  
 .. No .. Bull Strips 16 1/2" x 7/20 and rails riveted for 1/2 length, remainder 9 1/2" x 7/20 - 7/20 double riveted  
  
 Side Under plate 16 1/2" x 7/20 for 1/2 length to 7/20 at ends.  
 .. No .. angles 5 x 4 x 7/20 for 1/2 length and 7/20 -  
 .. No .. uncostal angle 3 1/2 x 3 x 7/20 -  
 .. No .. 10 rivets in way 4 ft. from plate 7/20 - angle 3 x 3 x 7/20.  
  
 Double riveted landing 5 1/2 ins wide -  
  
 about 48 1/2" x 7/20 for 1/2 length to 7/20 at ends.  
 .. No .. Bull Strips 16 1/2" x 7/20 and rails riveted for 1/2 length, remainder 9 1/2" x 7/20 - 7/20 double riveted.  
  
 Double riveted landing 5 1/2 ins wide -  
  
 Nelson angles 5 x 4 x 7/20 for 1/2 length ends 7/20 -  
 100 Plate - 11 1/2 x 7/20 - 3/4 length - " 7/20 -  
 100 uncostal angles 3 1/2 x 3 x 7/20.  
  
 about 50 1/2" x 7/20 for 1/2 length to 7/20 at ends. Bull Strips 16 1/2" x 7/20 Sails riveted for 1/2 length. Remainder 9 1/2" x 7/20  
  
 Double riveted landing 5 1/2 ins wide.  
  
 Bulge Rails for about 60 ft. amidships. Bull 10" x 7/20 Angles 3 1/2 x 3 x 7/20.  
 about 50 1/2" x 7/20 for 1/2 length to 7/20 at ends. Bull Strips 16 1/2" x 7/20 Sails riveted for 1/2 length. Rem 9 1/2" x 7/20 - 7/20  
  
 Double riveted landing 5 1/2 ins wide -  
  
 about 49 1/2" x 7/20 for 1/2 length to 7/20 at ends. Bull Strips 16 1/2" x 7/20 Sails riveted for 1/2 length. Rem 9 1/2" x 7/20 - 7/20

Alex<sup>r</sup>. Stephen & Sons  
SHIPBUILDERS & ENGINEERS  
GLASGOW

DRAWING No.

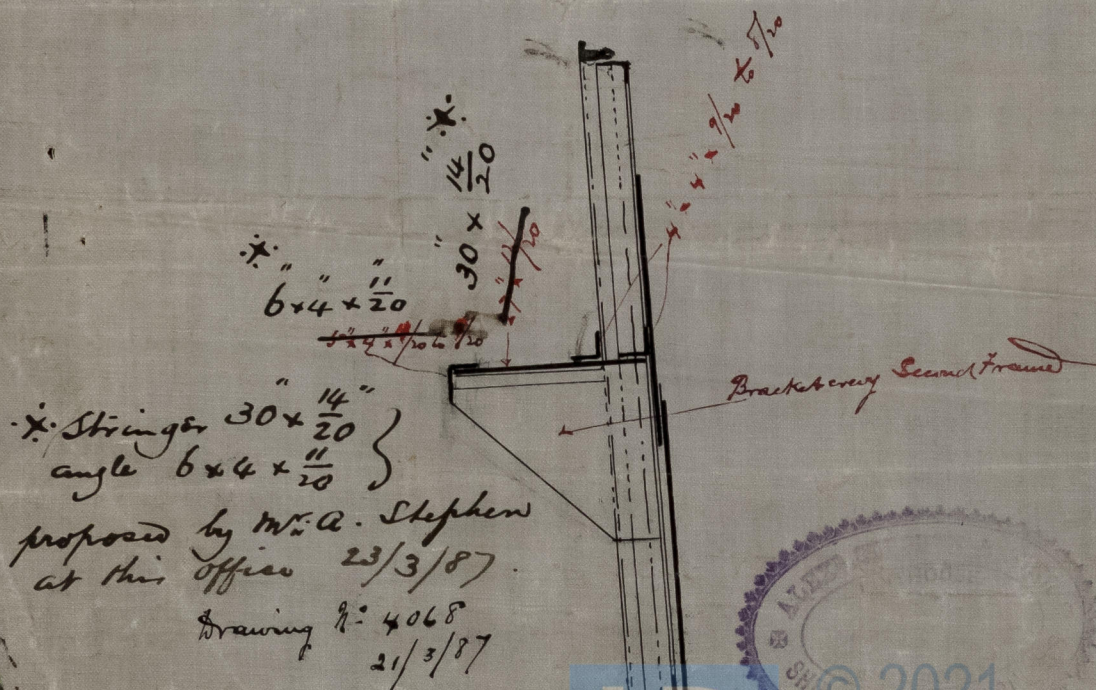
SCALE 1/2 INCH TO A FOOT

1806  
24/3/87  
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24.3.87.

Steel Screw Steamer No 307



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GLS207-0197 2/2







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