

S.S. N^o 190.

TRACING N^o 1519.
DEC 6th / 02.

15.12.02

RUDDER & STERN POST SCALE $\frac{3}{4}$ " = 1 FOOT.

ALL TO BE PASSED BY LLOYDS.

R. WILLIAMSON & SON
SHIPBUILDERS
WORKINGTON.

RUDDER FRAME:- O^o have pins turned to $2\frac{3}{4}$ " dia true to a centre line both ways. Pins $3\frac{3}{4}$ " long below gudgeon except bottom pin which is 3". Great care to be taken to have Stern post & Rudder exact length.

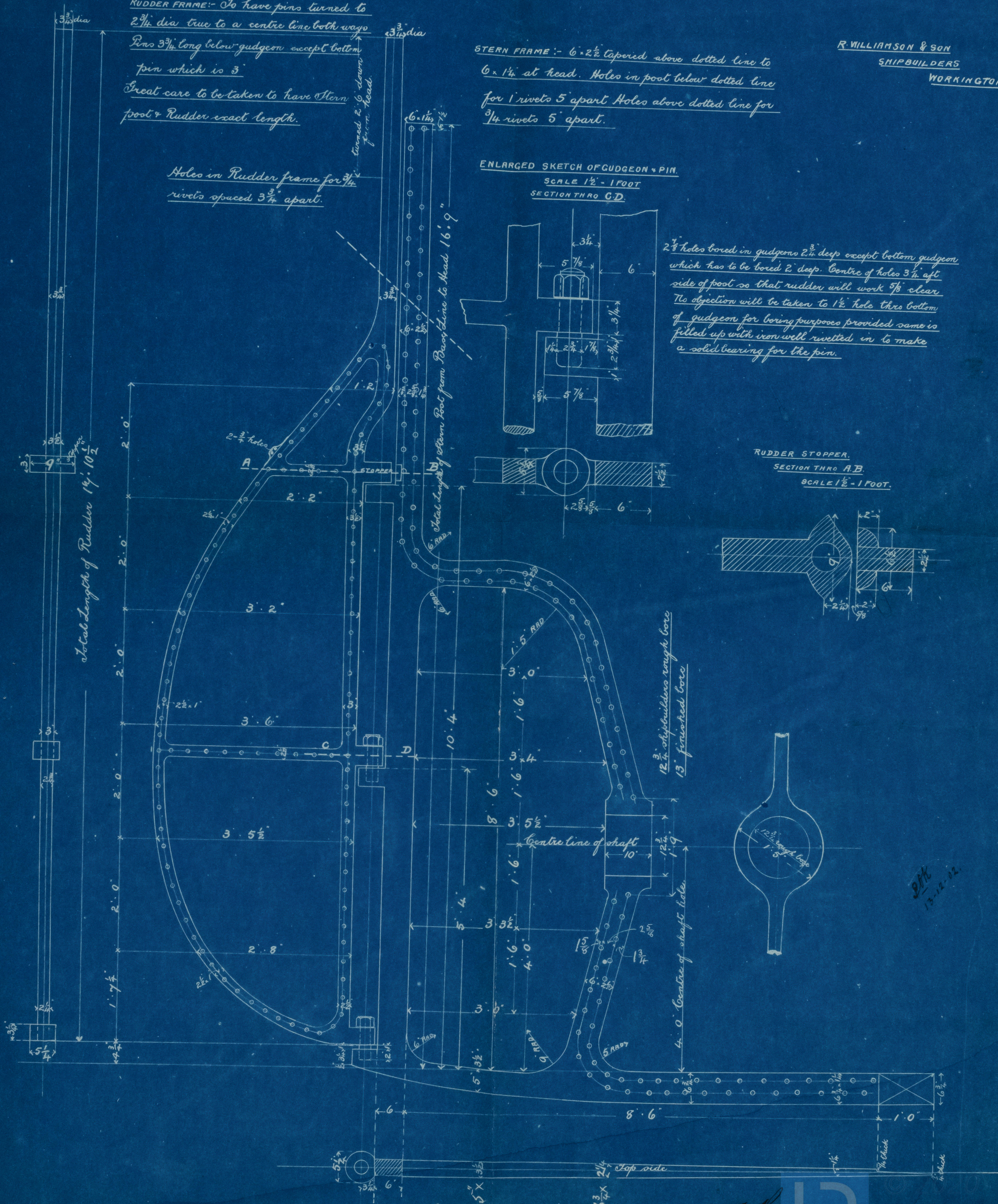
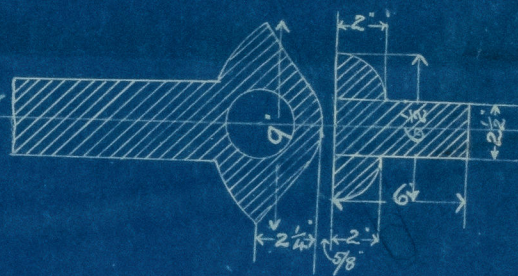
STERN FRAME:- $6 \times 2\frac{1}{2}$ " tapered above dotted line to $6 \times 1\frac{1}{4}$ " at head. Holes in post below dotted line for 1 rivets 5" apart. Holes above dotted line for $\frac{3}{4}$ rivets 5" apart.

Holes in Rudder frame for $\frac{3}{4}$ " rivets spaced $3\frac{3}{4}$ " apart.

ENLARGED SKETCH OF GUDGEON & PIN.
SCALE $1\frac{1}{2}$ " = 1 FOOT
SECTION THRO C.D.

$2\frac{3}{4}$ " holes bored in gudgeons $2\frac{3}{4}$ " deep except bottom gudgeon which has to be bored 2" deep. Centre of holes $3\frac{1}{4}$ " aft side of post so that rudder will work $\frac{5}{8}$ " clear. No objection will be taken to $1\frac{1}{2}$ " hole thro bottom of gudgeon for boring purposes provided same is filled up with iron well rivetted in to make a solid bearing for the pin.

RUDDER STOPPER.
SECTION THRO A.B.
SCALE $1\frac{1}{2}$ " = 1 FOOT.



20K
13.12.12



007626-007635-0328

Messrs R. Williamson
& Son

S.L. No 190

Stern Frame & Puddles

Barrow Rpt No 1164

St. Lawrence



007626-007638-0328



© 2020

Lloyd's Register
Foundation