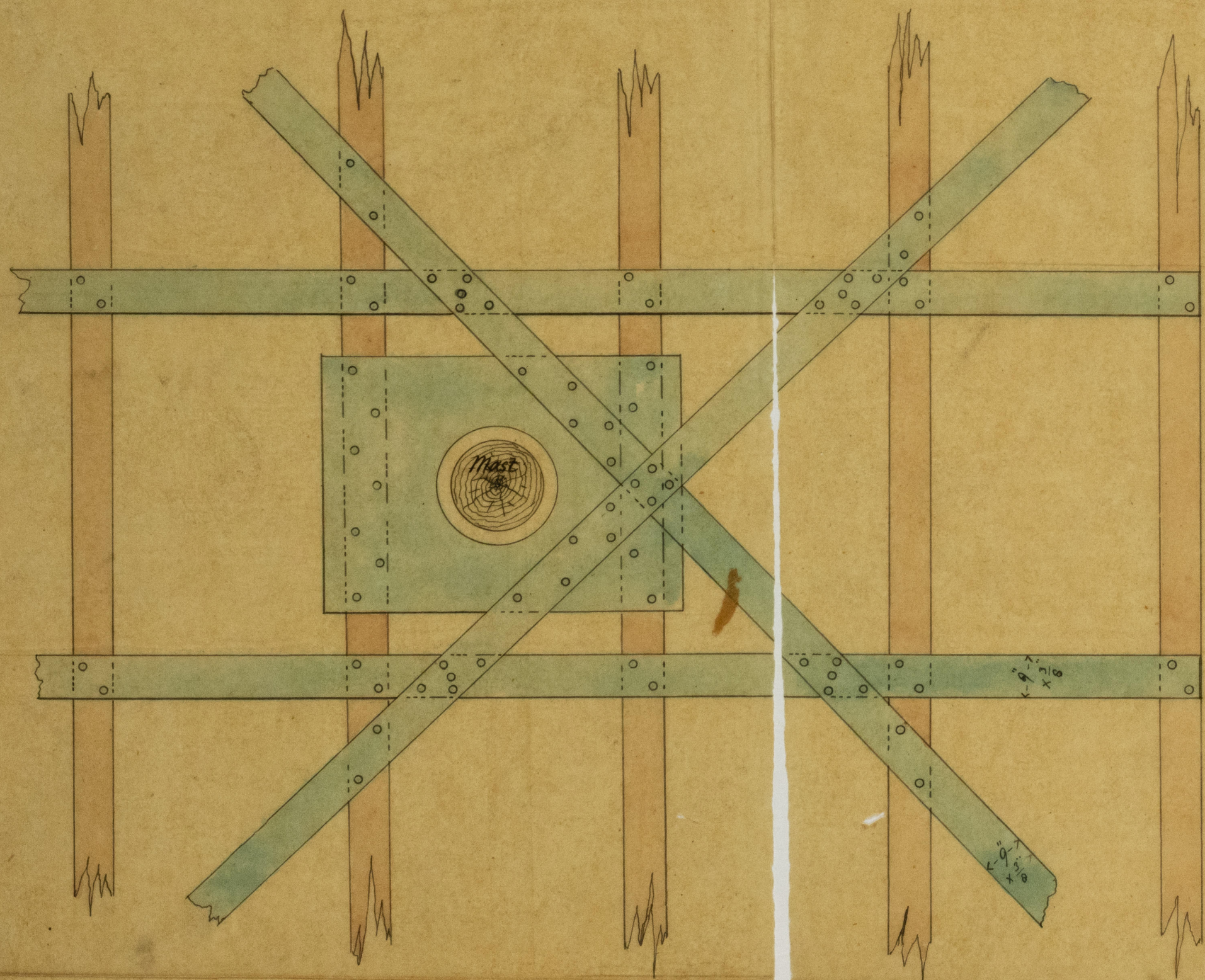


Sketch of Deck Beams and Tie Plates
in wake of Masts



Expanded Disposition of Midship Frame
showing additional length and fastening in
Diagonal Iron Plates above Rule. (Requirements of Rule)
shown in Red.

$\frac{1}{2}$ Scale

This plate is continued round
the stern either internally or
externally at a diminished width.



but change as, timber

Sketch showing finished Scantling
of Floors, Keel, & Keelson (drawn in black)
against that required by Rule Table B (drawn in red)

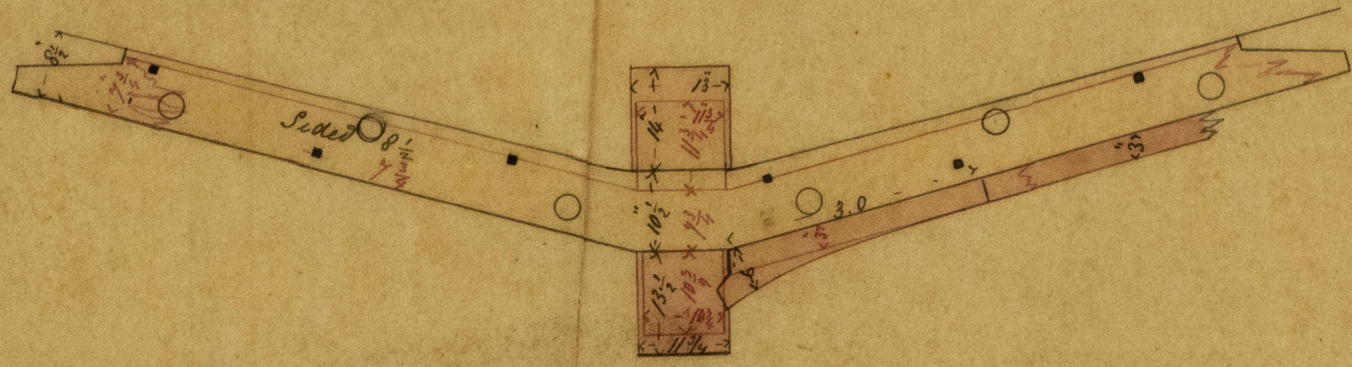


Table of Area in Scantling of Ship	Do Required by Rule
Keel - 152.62	113.56
Keelson - 18.	138.06
Girders - 162.	99.
502.62	352.62

502.62
352.62
150 in more than required by Rule
for longitudinal strength

Transverse	Rule
Floor 89.28	60.06
Keelson 89.28	60.06
179.50	120.12

179.50
120.12
59.38 in more than required by Rule

Scantling of Keelson 6.0 in length
" " " Rule 5.3
Schooner "Richmond"

Principal Dimensions
Length from Fore side of Stem to
aft side of Rudder Post on the
range of the Upper Deck 104' 8" in
Breadth Extreme 26' 0 1/2" in
Depth of Hold 10' 10" in
Register Tonnage about 213 Tons

J. & W. DUDGEON.
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