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Aaron A. Sargent 1883 Designs for Aerial Ship

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Additional Plans for Aerial Ship

Iron bridges with circular arc should have a rise of $\frac{1}{10}$ the chord line, and a width of pier $\frac{1}{10}$ of span
Haswell p 474

Fig 1

[[image - drawing of bridge with circular arc]]
[[solid line = 1 inch steel pipe
[[dotted line]] = steel bracing wires

Scale about $\frac{3}{4}$ inch to 10 feet
Base 70 ft, height 12 ft, arch 74.24 ft long.

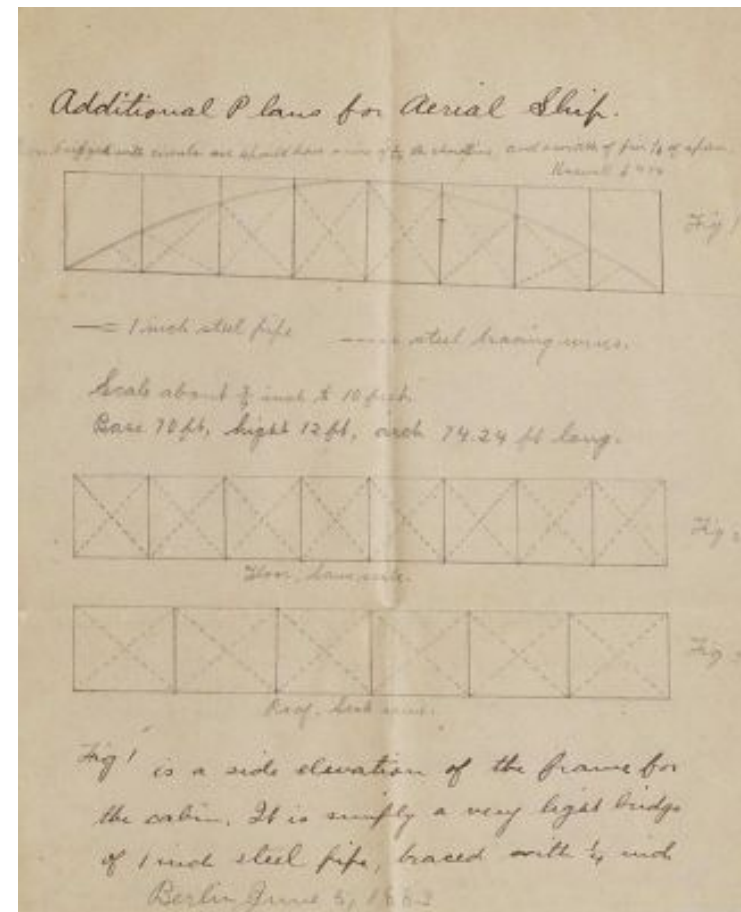
Fig, 2

[[image - drawing of Floor, Same scale.]]

Fig.3

[[image - drawing of Roof, Scale same.]]

Fig 1 is a side elevation of the frame for the cabin. It is simply a very light bridge of 1 inch steel pipe, braced with $\frac{1}{4}$ inch.
^[[Berlin June 5, 1883]]



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