

25.2.09
19.3.09
22.6.09

S. S. N^o 233/34. MIDSHIP-SECTION.

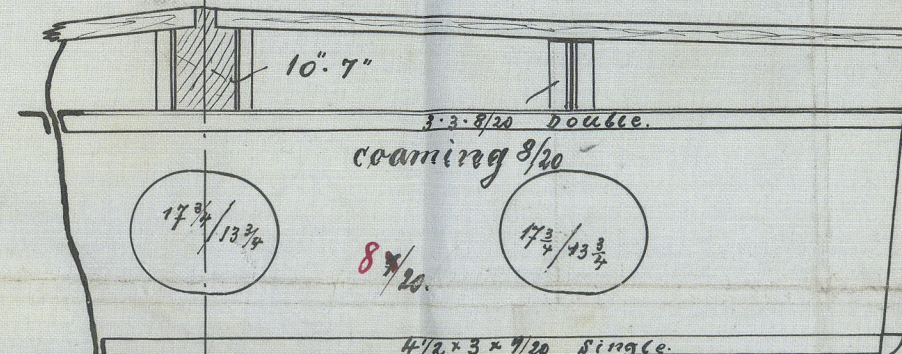
Length betw. Perp.^s 399' 8" = 121,815 Mtr.
Breadth moulded 52' 3 1/2" = 15,94 "
Depth moulded to Spardeck 31' 0" = 9,45 "
" " Maindeck 23' 0" = 7,01 "

Class: Lloyd's Register \star 100A1. Spardeckrule Deepframing.

Scale 1/2" = 1'

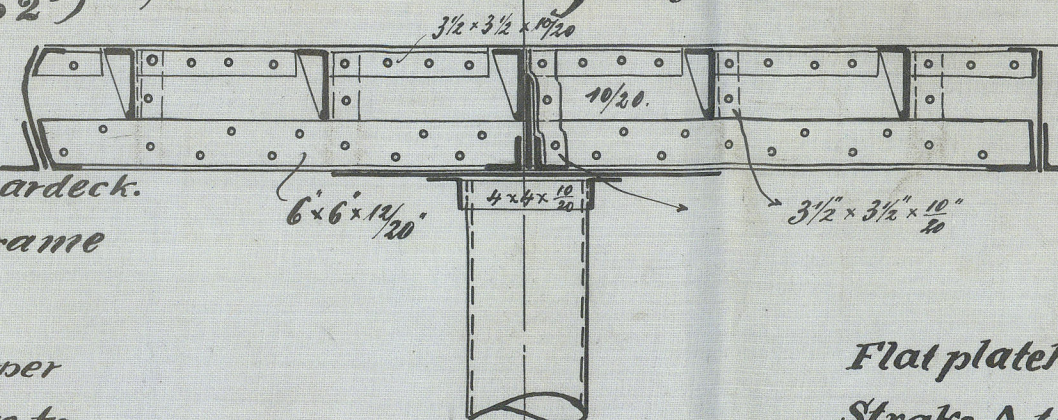
1/2 Girth 46.200
1/2 Breadth 26.146
Depth 24.089
Framing Number 96.435 (91-97)
399.668

Plating Number 33542 (36800-40000)
L: D to Spardeck 12.5



Erections on Spardeck: Poop 50.92.75-45 = 572
Bridge 122.80-15 = 1464
Forecastle 34.25-15 = 578
Erections on Bridge: Comb. L. 97.75 = 728
Equipment Number = 48279 (46400-50200)

Section through Girder.



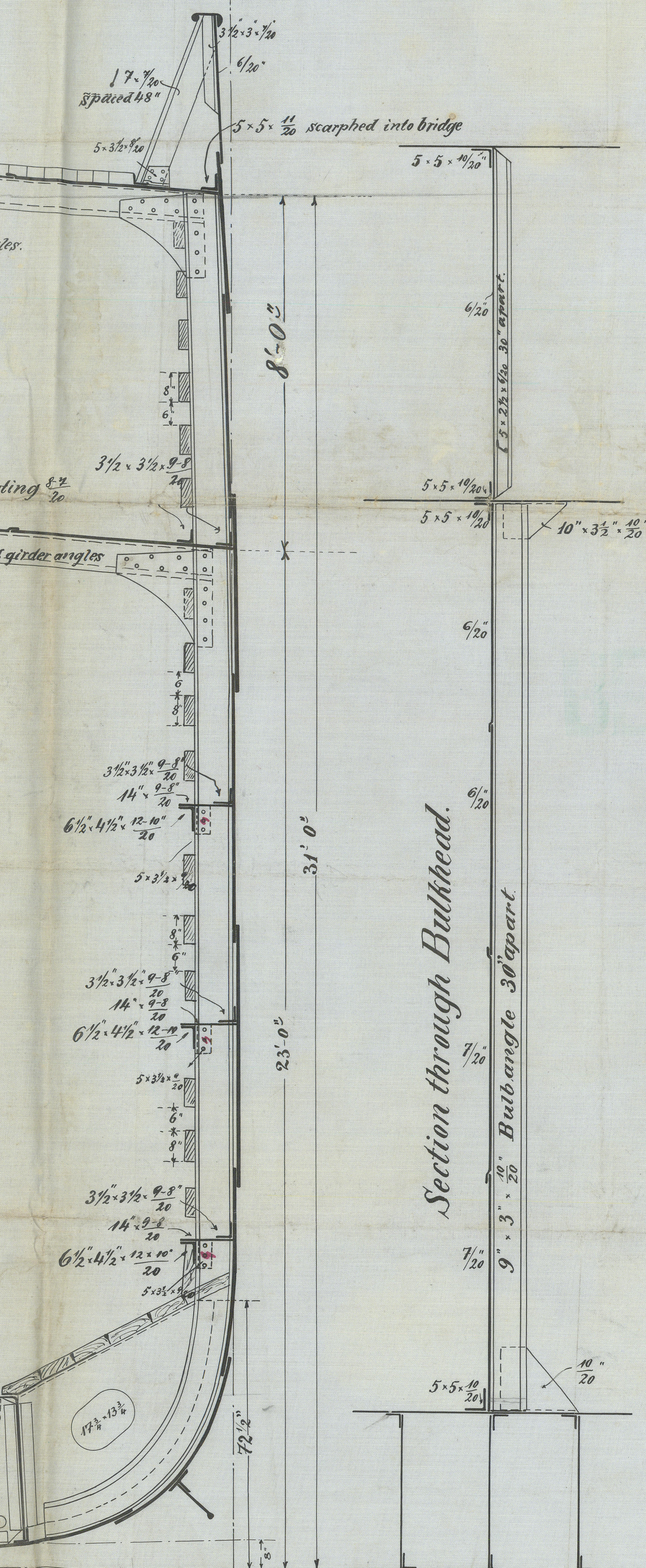
Riveting:

Flat plate keel double straps treble riveted all fore and aft.
Strake A to K Butts lapped and treble riveted all fore and aft, quadruple riveted 1/2 Lamidships, where over Rule breadth.
Strake L butts lapped quadruple riveted for 1/2 Long Lamidships treble riveted at ends.
Bridge side strake M butts lapped treble riveted for whole length.
Bridge sheer strake butts lapped, quadruple riveted.
Side plating of Poop & Forecastle butts lapped and double riveted.
Spardeck stringer: Butts lapped and treble riveted, quadruple from within bridge to 1/2 Lam.
Maindeck stringer: Butts lapped and treble riveted all fore and aft.
Bridge deck stringer: Butts lapped and quadruple riveted.
Stow decks: Butts of Spardeck plating lapped and treble riveted at ends of Bridge.
Remainder of decks butts lapped and double riveted for 1/2 Lamidships, single at ends.
Seams of Shell plating double riveted from Keel to Spardeck, Bridge Side plating double riveted seams, Poop, Forecastle, Bulwarks, Bulkheads single riveted seams.
Double bottom: Centre girder butts lapped and treble riveted all fore and aft.
Margin plate, Tank top middle line strake, also remainder of tank top plating butts lapped and double riveted all fore and aft.
Edges of middle line strake and edges of strake next middle line strake double riveted, remainder of edges single riveted all fore and aft.

Table of equivalent Sections.

Sections as per Rules	Proposed German Standard Sections
Deep frames for 1/2 L	9 1/2" x 3 1/2" BSBA 14 [9 1/2" x 3 1/2" = 121,815 Mtr.]
Deep frames at ends	9 1/2" x 3 1/2" " " [9 1/2" x 3 1/2" = 121,815 Mtr.]
Bulwark Frames in E&S Space	6 1/2" x 3 1/2" BSBA 6 [6 1/2" x 3 1/2" = 178.87 x 14 x 14]
" " in Peaks	6 1/2" x 3 1/2" " " [6 1/2" x 3 1/2" = 180.81 x 13 x 13]
Bulkhead Stiffeners below Maindeck	9" x 3" BSBA 15 [9" x 3" = 220.90 x 13 x 13]
" " below Main & Spardeck	5" x 2 1/2" BSBA 2 [5" x 2 1/2" = 130.65 x 8 x 8]
Maindeck beams	8 1/2" x 3 1/2" BSBA 14 [8 1/2" x 3 1/2" = 220.90 x 13 x 13]
Main deck beams in way of Tanks	8 1/2" x 3 1/2" " " [8 1/2" x 3 1/2" = 220.90 x 13 x 13]
Spardeck beams	8" x 3" BSBA 11 [8" x 3" = 200.85 x 12 x 12]
Bridge & Forecastle beams	9 1/2" x 3 1/2" BSBA 14 [9 1/2" x 3 1/2" = 241.98 x 17 x 15]
Poop deck beams	9 1/2" x 3 1/2" " " [9 1/2" x 3 1/2" = 240.95 x 14 x 14]

Section through Bulkhead.

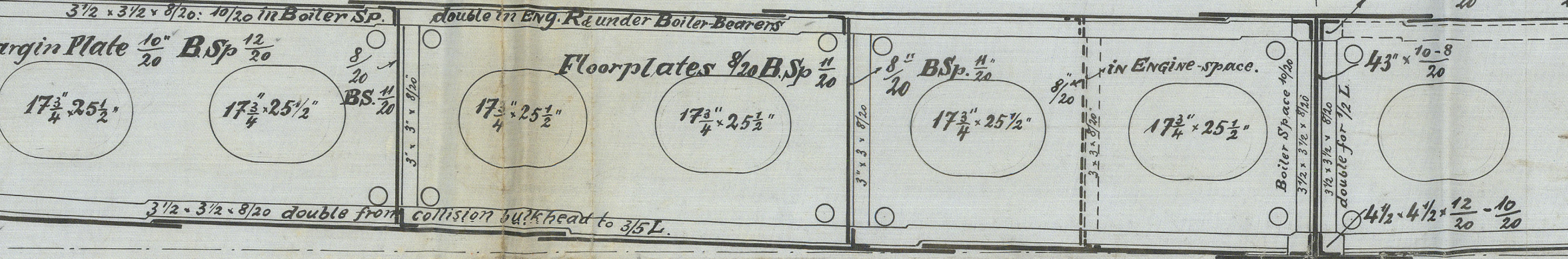


Deep framing in holds 1 1/2" x 3 1/2" Frames spacing 24" all to Spardeck.
In way of large hatchways reversed frames 4" x 4" 1/2" to every fourth frame from margin plate to lower edge of beam knee (Spardeck).
Engine & Boiler Space Bulwark frames 6 1/2" x 3 1/2" Web frames as per Profile 18" x 9" Frames to webs 4" x 3 1/2" double from Margin plate to upper edge of 2nd side stringer.
Frames in Peaks 6 1/2" x 3 1/2" Frames in Bridgehouse 6 1/2" x 3 1/2" Webs to Surveyors Satisfaction Frames in way of Poop and Forecastle 5 1/2" x 3 1/2"
Frames in double bottom 3 1/2" x 3 1/2" double from collision Bulkhead to 1/2 L.
Reverse frames 3 1/2" x 3 1/2" Boiler space 3" double in Engine Room and under Boilerbearers.
Reversed frames in way of forecastle to alternate frames webs to Surveyors satisfaction.
Bulkheads: Lower half 1/2", Upper half 1/2".
Vertical stiffeners 9" x 3" below Maindeck 30 inches apart
" " 5" x 2 1/2" between Main & Spardeck 30 inches apart
Stem 11" x 3 1/2" to 10" x 2 1/2" at top
Stern frame 11" x 3 1/2"
Rudderhead 10" to 7 1/2" at heel, Pintles 5" ϕ as per special plan.
Rudderplate 1/2" x 20"

Ceiling 3" in way of Hatches.

Inner bottom plating 8" x 20"
Engine Room 10" x 20"
Boiler Space 12" x 20"

Middle line strake 4" x 10" x 20"
in Boiler Space 12" x 20"
3 1/2" x 3 1/2" x 20" B.S.P. 7/20



Shell plating not further reduced in way of Double Bottom.
1 1/2" for 1 1/2" instead of doubling.
PK.

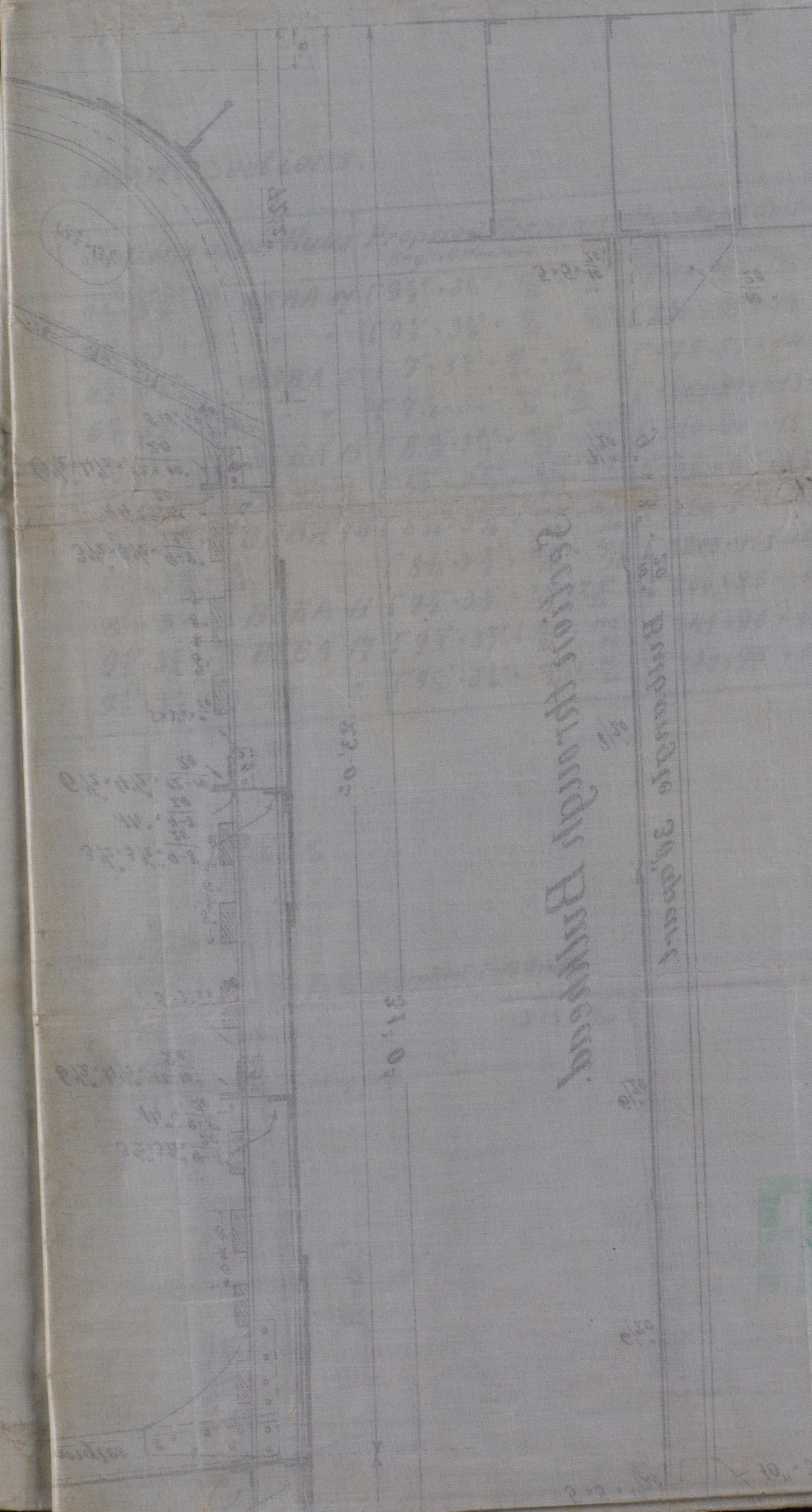
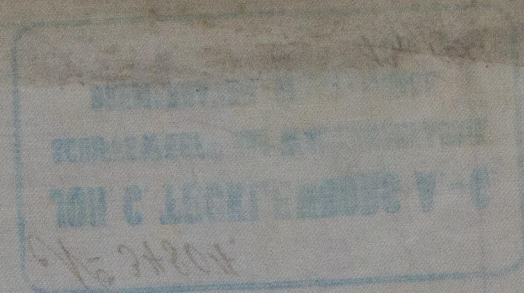
C.B.
25.2.09

JOH. C. TUCKERMAN A.C.
SCHIFFSWERFT und MASCHINENFABRIK
PREMERHAGEN
1912

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