

23/1/24

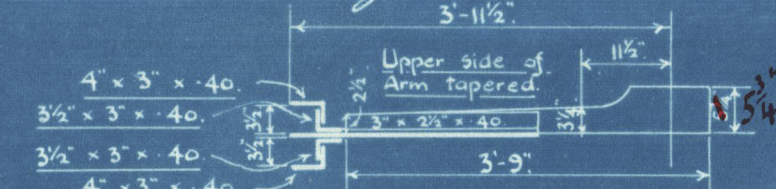
QUADRANT & FORGED IRON TILLER

3/8 228

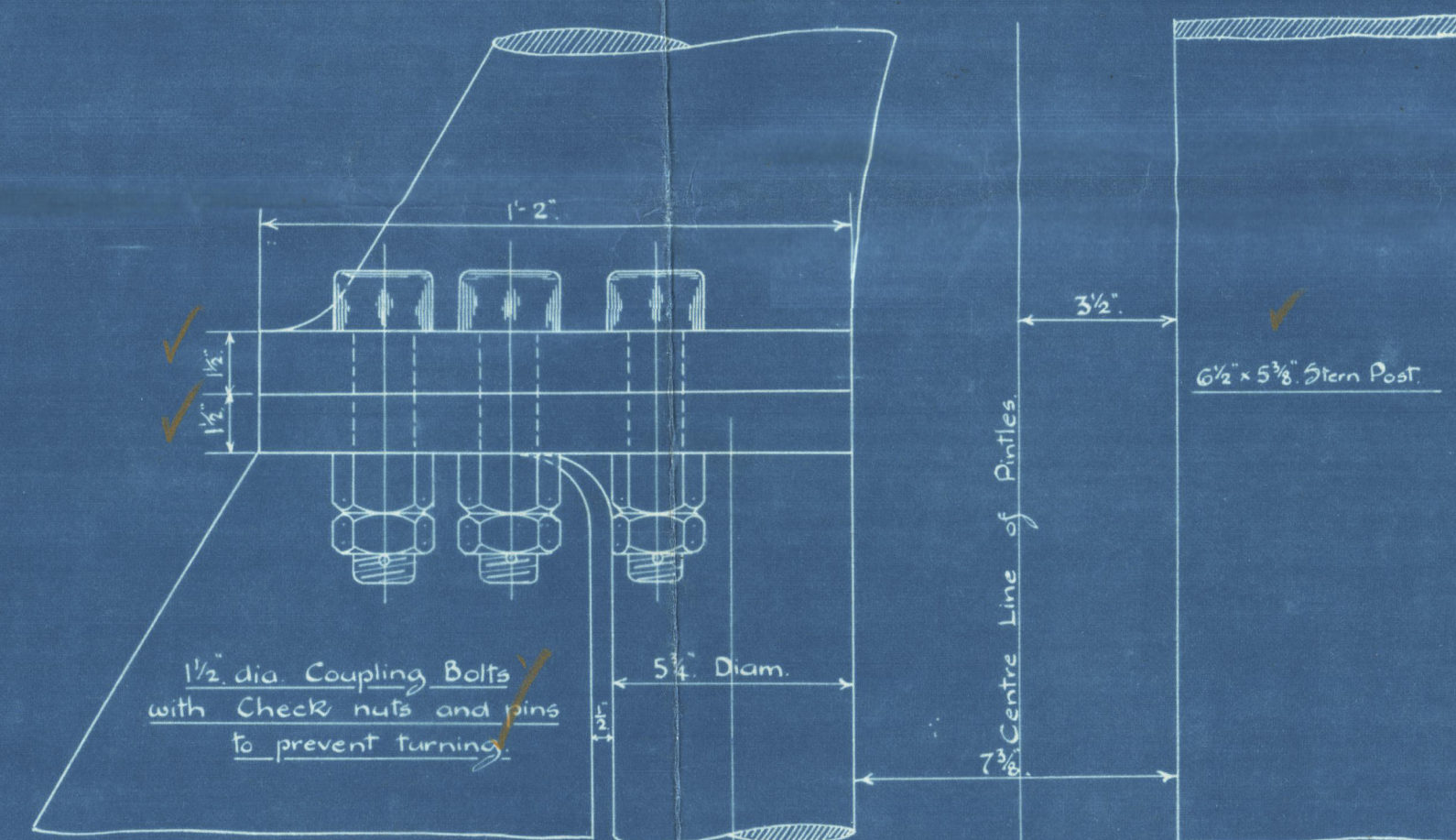
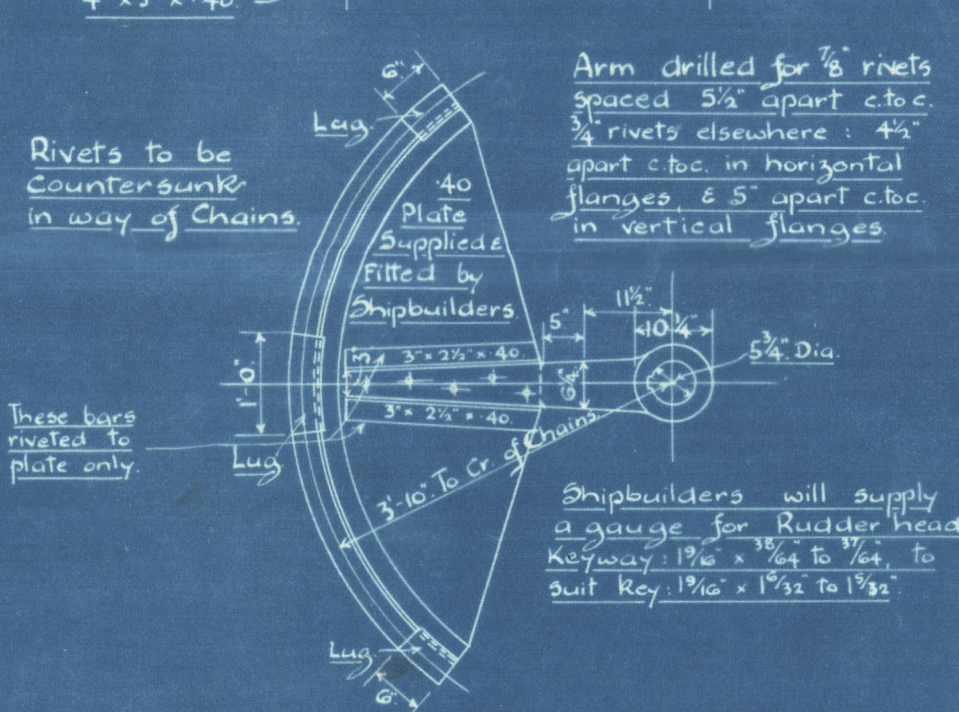
Scale: 1/2" = One Foot

Lloyd's Survey: 1923-1924 Rules

Diam of Chains: 3/4"
Diam of Rods: 1/2"

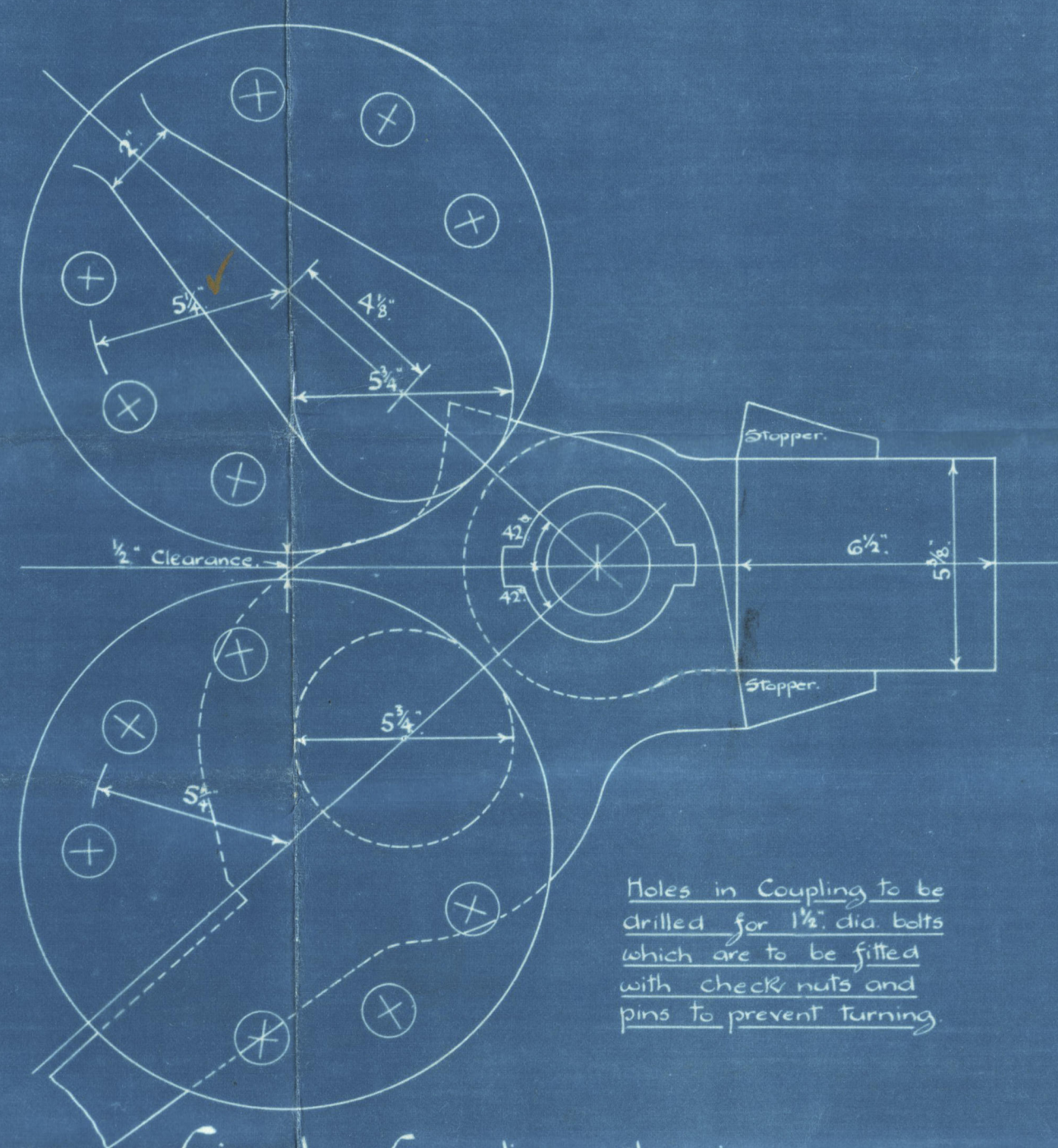


Det. 33 Clause (a)



Elevation of Circular Coupling

Scale: 3" = 1'-0"



Circular Coupling showing clearance for unshipping

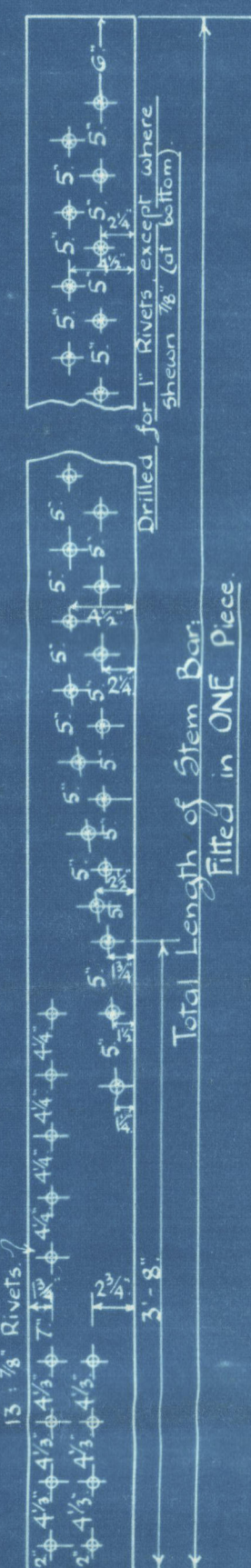
Scale: 3" = 1'-0"

7/4 x 2" ROLLED STEEL STEM BAR

3/8 228

Scale: 1" = One Foot

Lloyd's Survey: 1923-1924 Rules

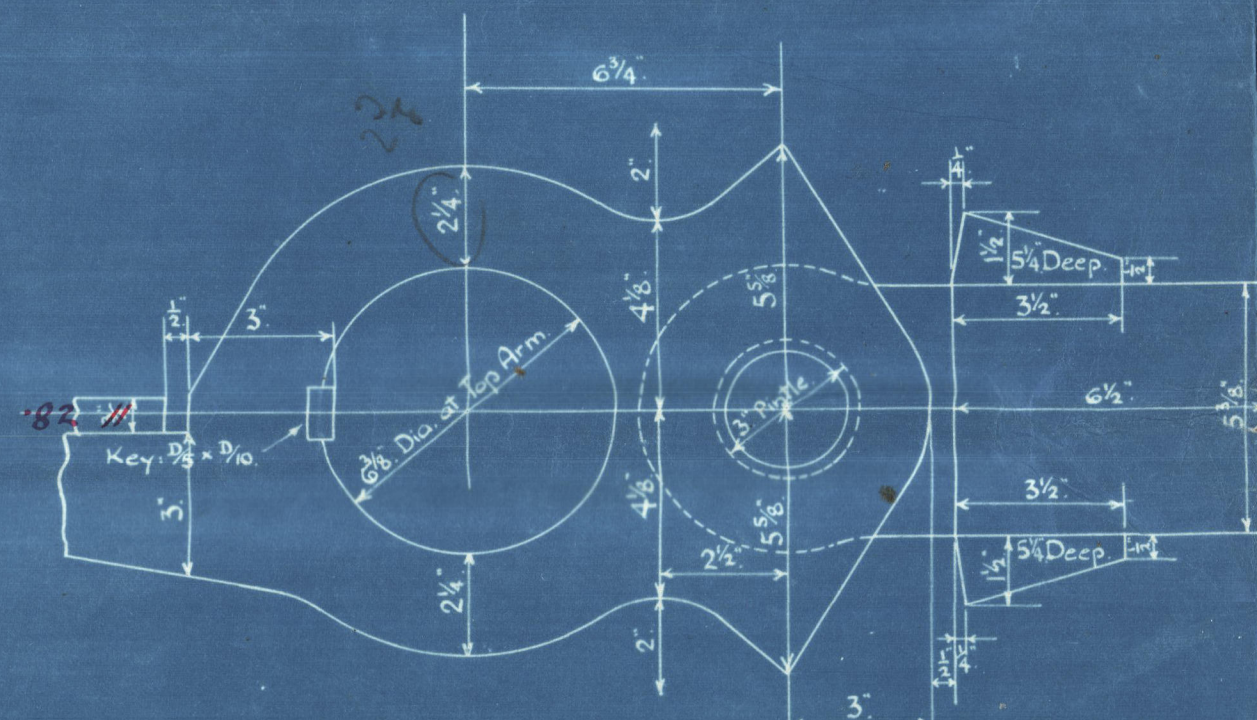


FORGED IRON OR STEEL RUDDER FRAME

3/8 228

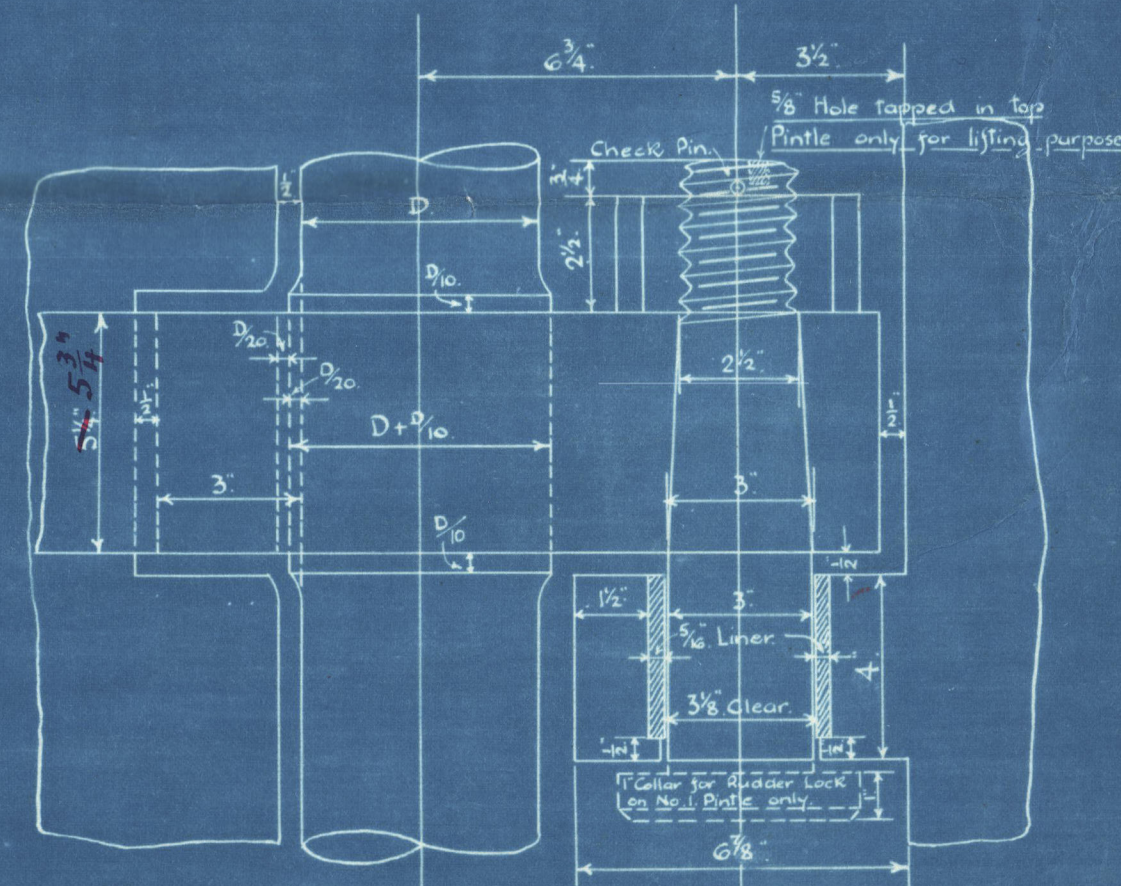
Scale: 1/2" = One Foot

Lloyd's Survey: 1923-24 Rules



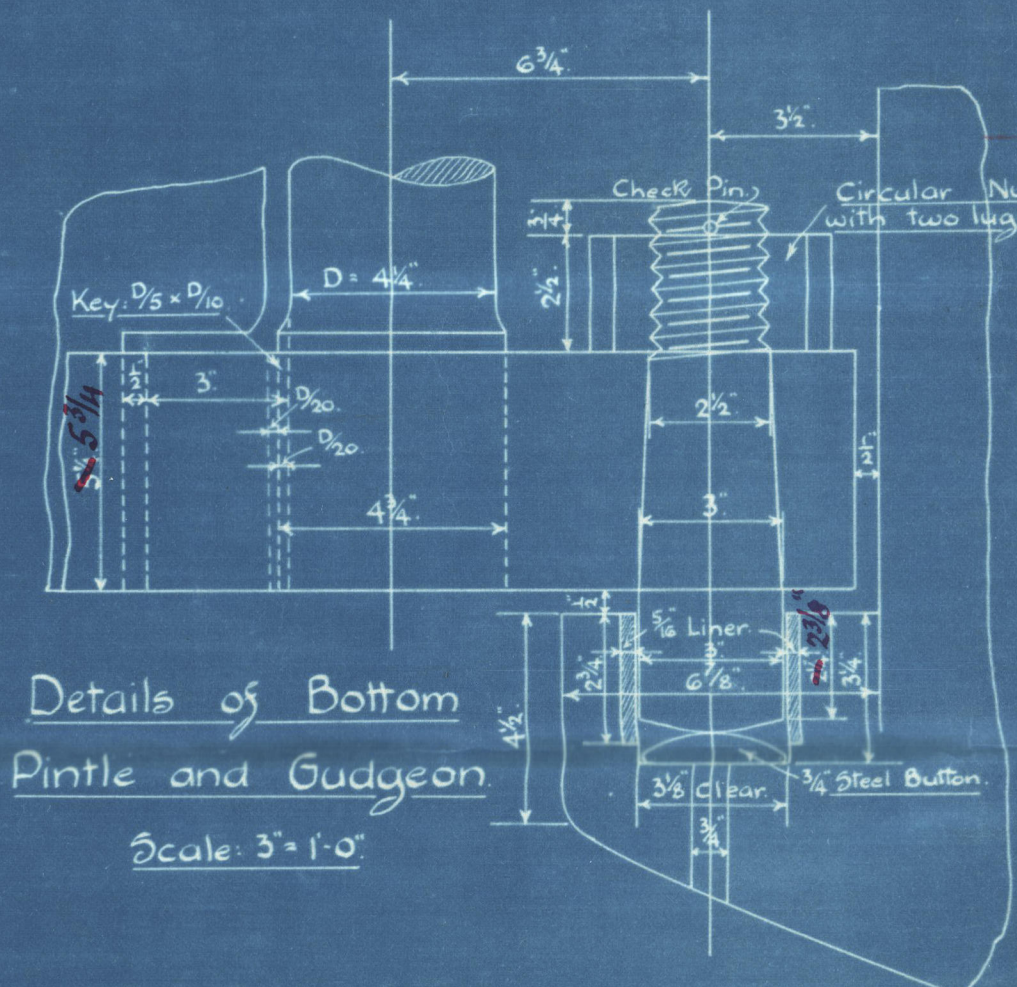
Details of Stopper on No. 1 Gudgeon

Scale: 3" = 1'-0"



Details of Pintles and Gudgeons

Scale: 3" = 1'-0"

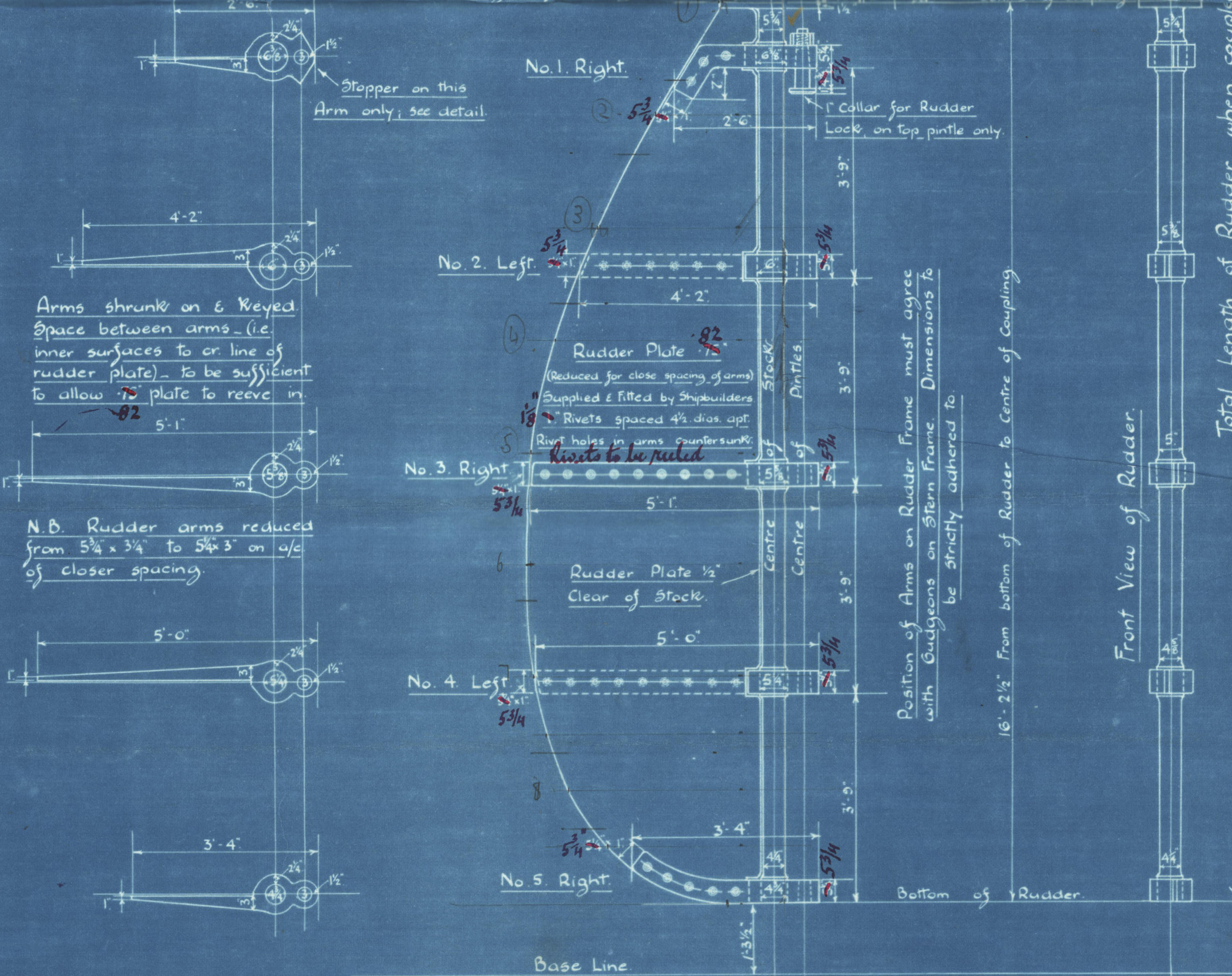


Details of Bottom Pintle and Gudgeon

Scale: 3" = 1'-0"

Main piece of rudder to have straight taper from 5 1/2" diam. of coupling to 4 1/2" diam. of bottom. Diameter of main piece in way of each arm to be increased 1/2" to admit of an efficient keyway being cut. This increase in thickness to be uniform all around the main piece, and to extend above and below each arm for a distance equal to the increase in diameter, from which points it is to be gradually tapered over a similar distance into normal diam. of main piece. Keys to be 1/2" of diam. of main piece x 2 1/2" of diam. of main piece.

Rudder Head Coupling: 6 1/2" diam. bolts with nuts of requisite size, also check nuts & pins to prevent turning. Flanges of Coupling: 1 1/2"



Holes in Rudder Frame to be drilled for 1/2" rivets, spaced 4 1/2" apart. Holes counterbored by nutters. All pintles to be of steel and to be portable. 5 diam. to be made and fitted efficiently, and in accordance with the details shown. Centres of pintles and of upper rudder stock to be in a dead straight line. Centre line of lower stock 6 1/4" off of cr. line of pintles.

Speed: 10 1/2 Knots

Area of Rudder: 57.7
Area of Pintles: 5.77 (A)
A x D = 100 x 5.77 = 577 (D)
132.1

FORGED IRON OR STEEL

FORGED STERN FRAME

3/8 228

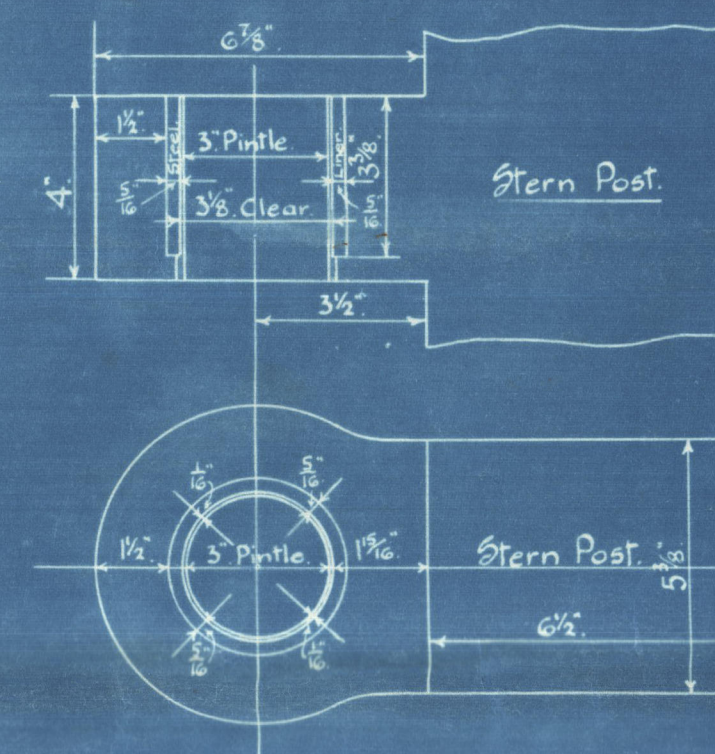
Scale: 1/2" = One Foot

Lloyd's Survey

1923-1924 Rules

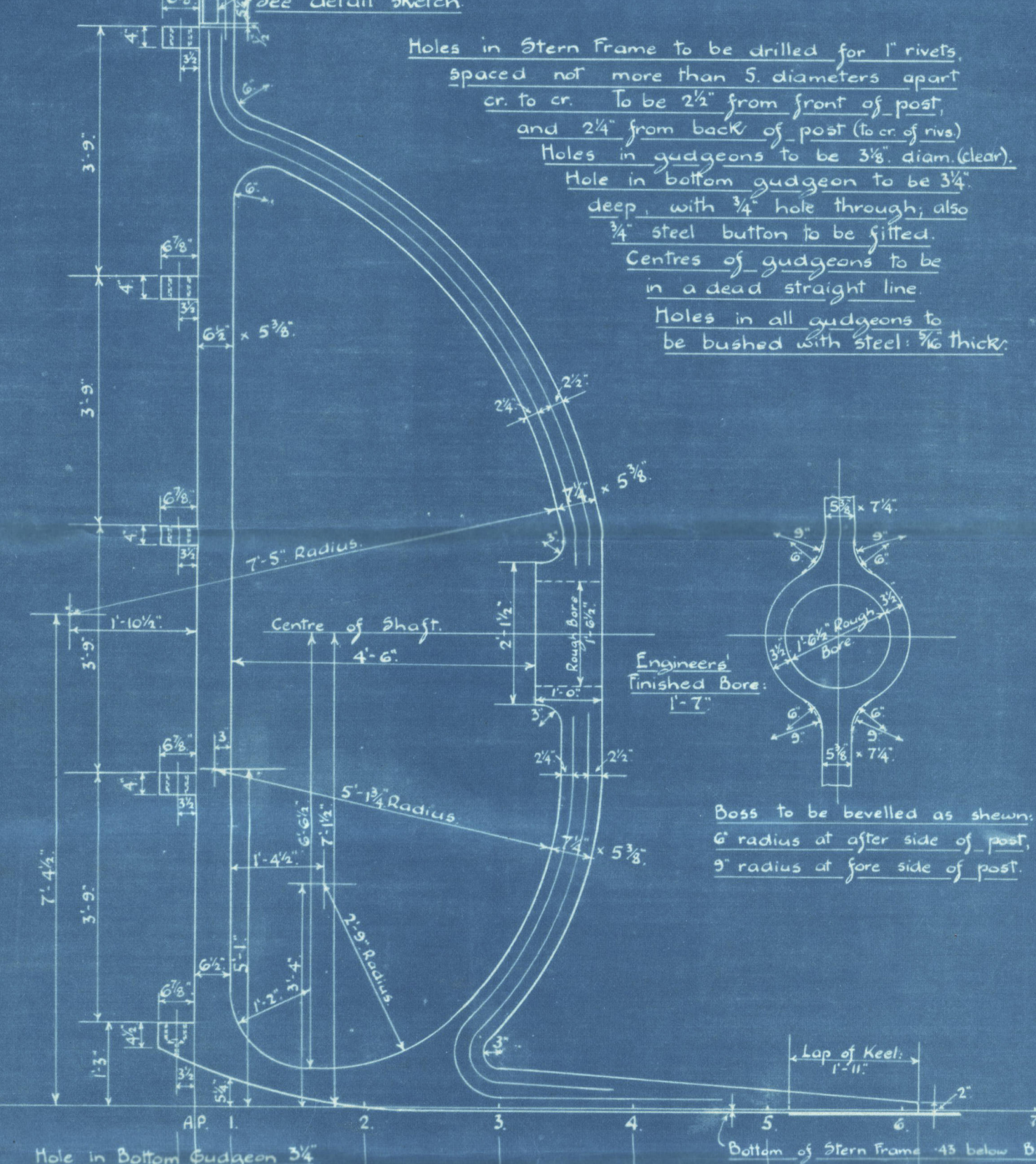
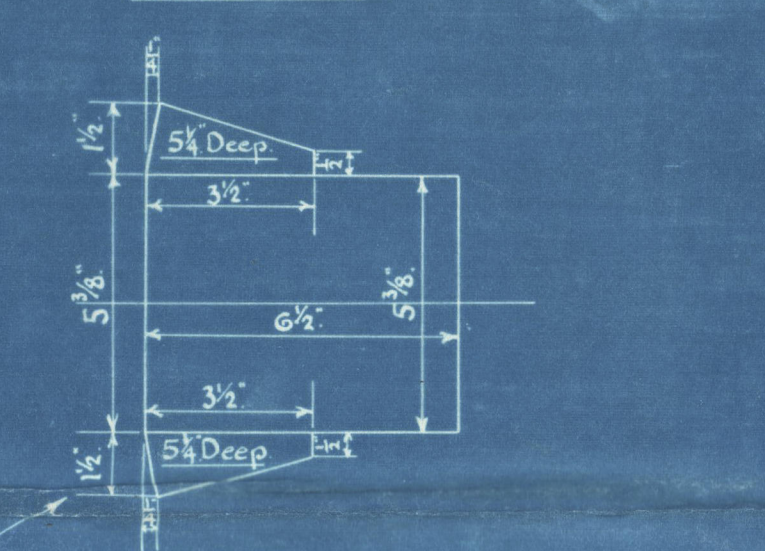
Details of Gudgeons

Scale: 3" = 1'-0"



Rudder Stoppers

Scale: 3" = 1'-0"



Hole in Bottom Gudgeon 3/4" deep, with 1/2" hole through 1/2" steel button, spaced 6" apart. Holes to be made and fitted efficiently, and in accordance with the details shown. Centres of pintles and of upper rudder stock to be in a dead straight line. Centre line of lower stock 6 1/4" off of cr. line of pintles.

Tyne Iron Shipbuilding Co. Ltd.
WILLINGTON-QUAY-ON-TYNE.
DATE 18th January 1924
DRAWING No. 8254
DRAWN BY S.
CHECKED BY S.

23.4.24

003846-003851-0208

Lycie Insp. 15.228 -
Stem, Rudder &
Quadrant

Messrs Tyne & S B Co

No 228

Rudder & Stem frames

Stem Bar

Quadrant Tiller

S.S. "Sentry"

NEWCASTLE ON TYNE.

Report No. 78206

N. Medway Coast

003846-003857-0208



© 2020

Lloyd's Register
Foundation