

NUMERALS	
BREADTH.....	32.0
DEPTH.....	13.458
TRANSVERSE No:.....	45.458
LENGTH.....	173.75
LONGITUDINAL No:.....	7898.32

MIDSHIP SECTION
SINGLE SCREW HOPPER BARGE FOR THE PORT OF LONDON AUTHORITY.
Nos 197 - 203
TO CLASS 100 A1^x HOPPER BARGE FOR CHANNEL PURPOSES

DIMENSIONS 173'-9" x 32'-0" x 13'-5½" MLD

SCALE $\frac{1}{2}'' = 1 \text{ FOOT}$

PROPORTIONS

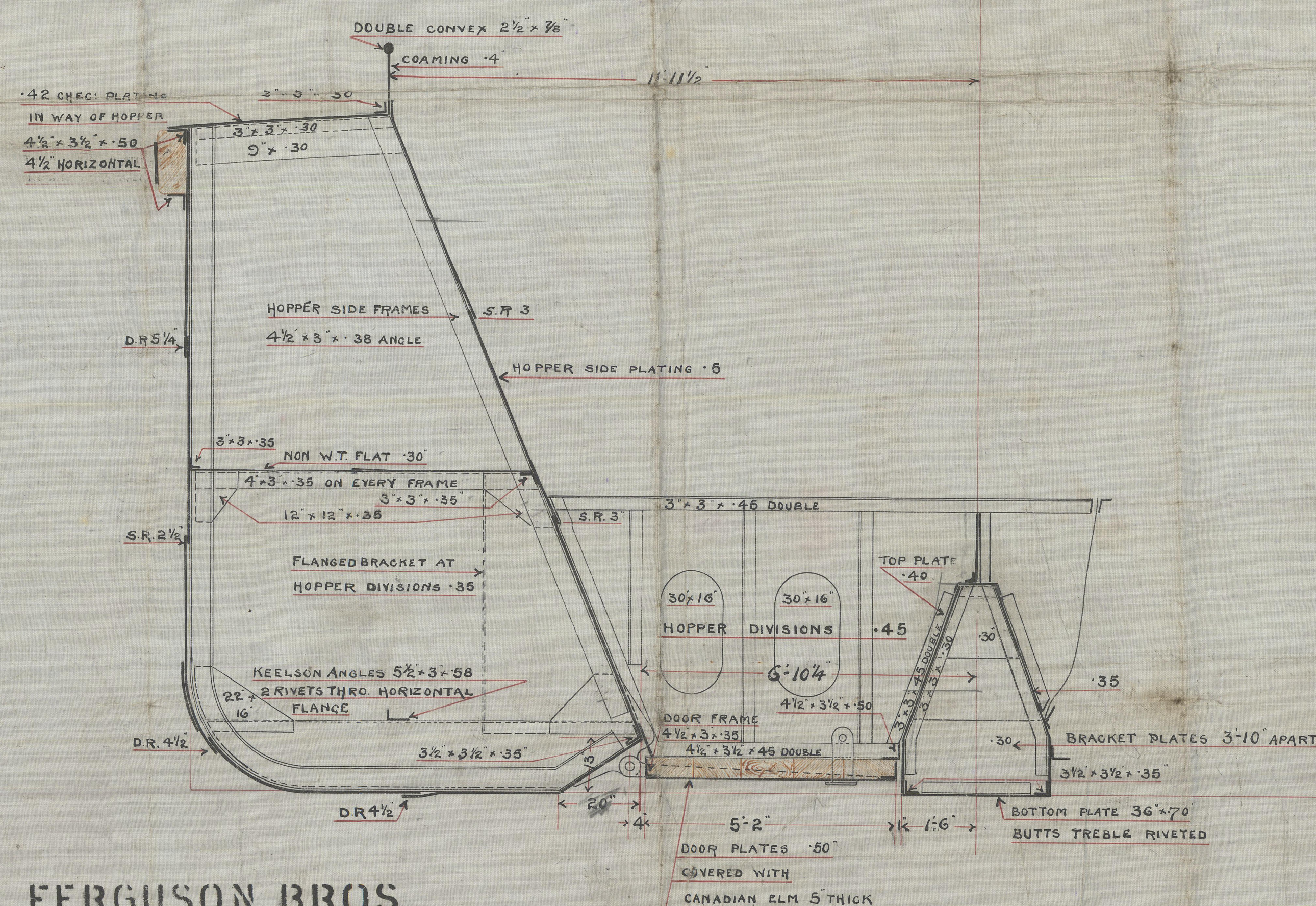
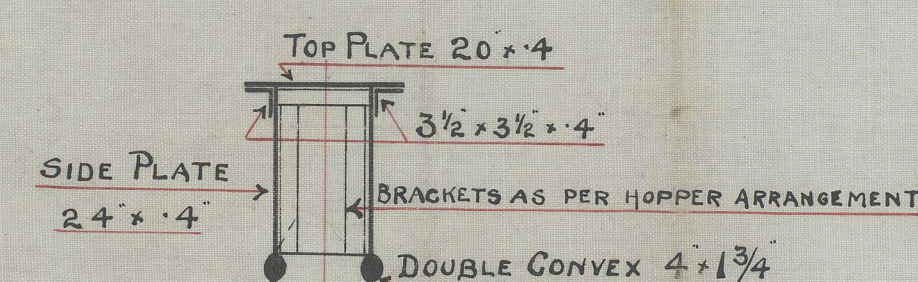
$$\frac{L}{D} = 12.9$$

Equipment Number = 8099
Hull = 7898
Castle = $18.0 \times 6 \times .75 = 81$
Casings = $37.0 \times 6.5 \times .5 = 120$
8099

EQUIPMENT

REQUIREMENTS		REQUIREMENTS	REQUIREMENTS
1 BOWER ANCHOR (BYERS PATENT STOCKLESS)		15 1/2 CWT.	15 1/2 CWT.
1 " " " " " "		15 1/2 CWT.	15 1/2 CWT.
1 STREAM ANCHOR (EX STOCK)		4 1/2 CWT.	4 1/2 CWT.
195 FMS 1 1/2" SHORT LINK CHAIN			
90 " 3" STEEL SPECIAL FLEXIBLE WIRE			
90 " 2 3/4 " " " " "			
90 " 6" MANILLA HAWSER			
90 " 4 " " " " "			
2 HEAVING LINES.			

$14\frac{1}{2}$
 $12\frac{1}{4}$
 $4\frac{1}{4}$

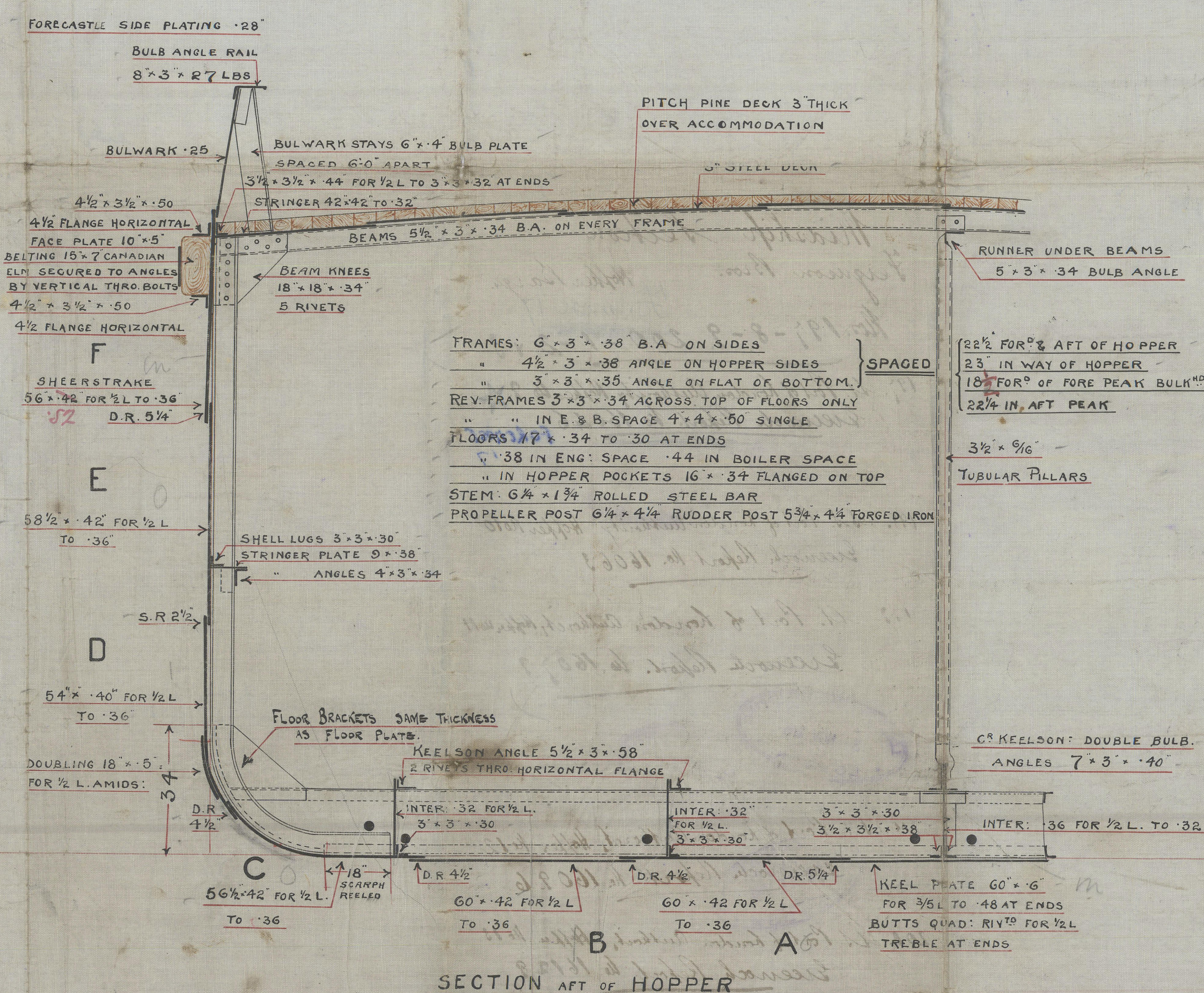


FERGUSON BROS.

SHIPBUILDERS & ENGINEERS. —SECTION THRO. HOPPER.—

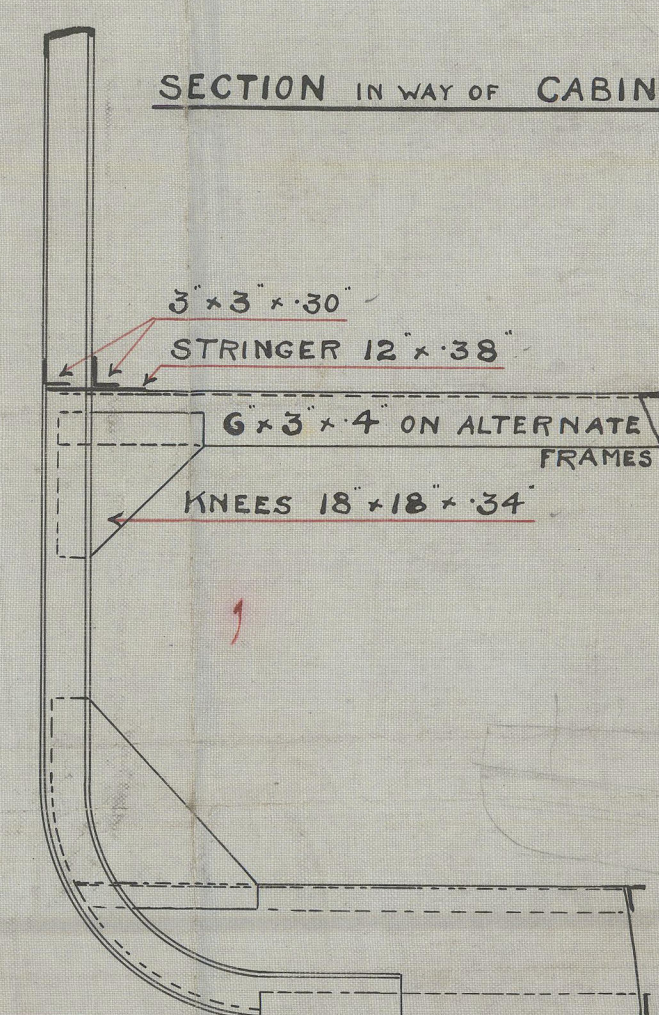
PORT-GLASGOW.

15th November '10



RIVETING.	
BUTTS OF FLAT PLATE	KEEL QUAD: RIV ^{TD} FOR ½ L. TREBLE AT ENDS
"	" SHELL PLATING (A.B.C.E.F. STRAKES) TREBLE FOR ½ L. DOUBLE AT ENDS
"	" " " D. STRAKE DOUBLE RIV ^{TD} ALL FORE & AFT
WIDTHS OF SHELL PLATING AS MARKED.	
BUTTS OF STRINGER PLATE	TREBLE TO DOUBLE
"	DECK PLATING DOUBLE FOR ½ L. SINGLE AT ENDS
"	HOPPER SIDE PLATING STRAPPED & DOUBLE RIVETED

SECTION IN WAY OF CABIN DECK



Midship Section

Ferguson Bros.

Hopper Barge.

Foremast 17

No. 197-8-9. 200-1-2 & 3

197. S.S. Port of London Authority Hopper No 9 ★
Greenock Report. No 16046

Foremast 17

198. S.S. Port of London Authority Hopper No 10
Greenock Report No. 16063

199. S.S. Port of London Authority Hopper No 11
Greenock Report. No. 16077

200. S.S. Port of London Authority Hopper No 12
Greenock Report No. 16096

201. S.S. Port of London Authority Hopper No 13
Greenock Report. No. 16129

202. S.S. Port of London Authority Hopper No 14
Greenock Report. No. 16142

203. S.S. Port of London Authority Hopper No 15.
Greenock Report. No 16162



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