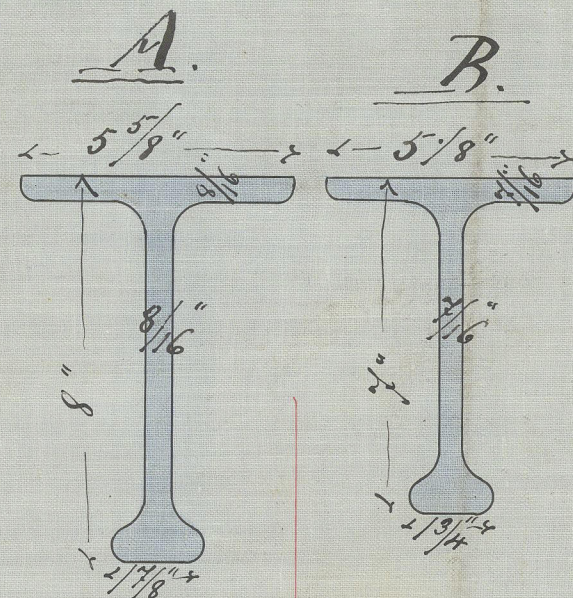


Midship section to a three-decked Steamer to be build of steel and classed Royds 100 A. I.

Length between stems in deck = 252.5 feet; Breadth moulded = 33 feet; Depth in hold from keel to middle deck = 18 feet; Depth in hold from keel to upper deck = 25.46 feet; 1/2 Girth to upper deck = 38 feet.
Arguments: 38 + 16.5 + 25.46 = 79.96 - 7 = 72.96; 71 and under 73; 72.96 x 252.5 = 18422; 16600 and under 18700.
 $\frac{L}{B} = \frac{252.5}{33} = 7.65$; $\frac{L}{D} = \frac{252.5}{18} = 14$; $\frac{L}{D} = \frac{252.5}{25.46} = 9.9$

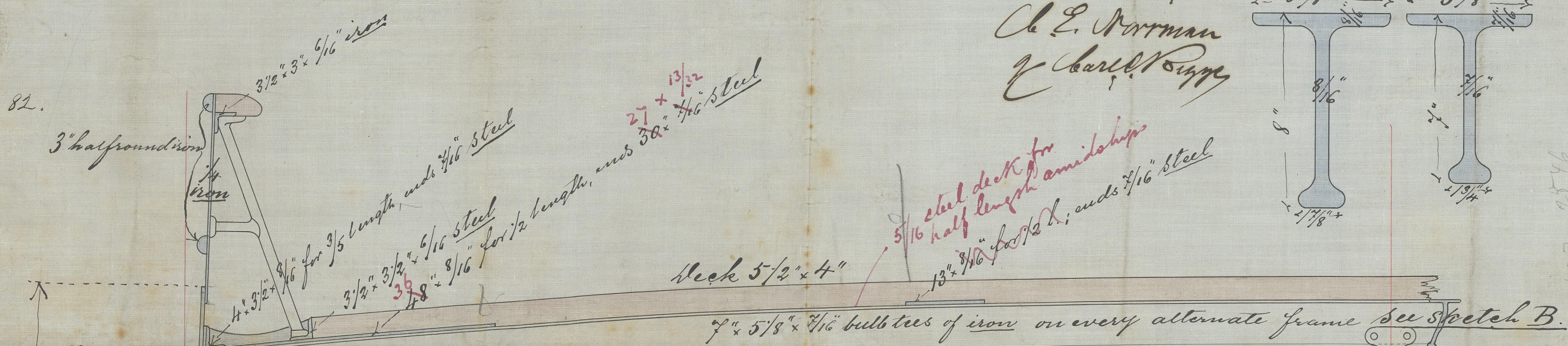
LINDHOLMENS MEK. WERKSTAD 20/12/82

Ch. E. Norman
 Carl Rapp



187
 252.5
 33
 7.65
 187
 252.5
 18
 14
 187
 252.5
 25.46
 9.9

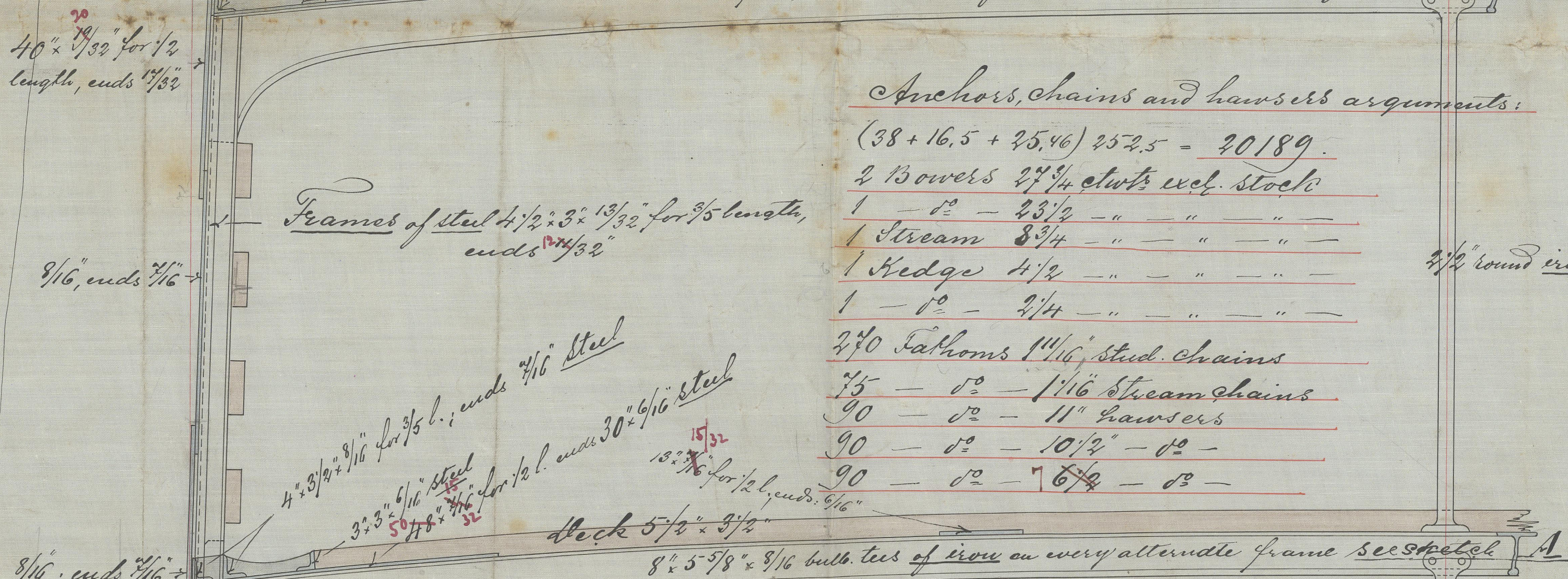
Let 28.12.82.



Anchor, chains and hawsers arguments:

(38 + 16.5 + 25.46) 252.5 = 20189.
 2 Bowers 27 3/4 cwt. wch. stock
 1 - 12 - 23 1/2 - " - " - "
 1 Stream 8 3/4 - " - " - "
 1 Kedge 4 1/2 - " - " - "
 1 - 12 - 2 1/4 - " - " - "
 240 Fathoms 1 1/16" stud. chains
 75 - 12 - 1 1/16" stream chains
 90 - 12 - 11" hawsers
 90 - 12 - 10 1/2 - 12 - "
 90 - 12 - 6 1/4 - 12 - "

1/2" round iron



Rudder at the head = 6 1/4"

- 12 - at the heel 3 1/4"

Bulkheads 1/16" steel, supported by 3 x 3 x 7/32" angle steel 30" apart.

Scatchways 1/16" steel

3" round iron

Reversed frames of steel 3 x 3 x 7/32" alternately to upper deck and to above middle deck stringer angle steel 30" apart from keel to keel in engine and boiler space.

4 1/2 x 3 1/2 x 1/16 for 3/5 l. ends 1/16" steel
 3 1/2 x 3 1/2 x 1/16 for 1/2 l. ends 1/16" steel

7 1/2 x 5 1/8 x 1/16 bulb tees of iron on every second and fourth frame see sketch B.



Scale 3/4 inch to one foot



Buttstraps of deck stringer plate sheers and of four strakes at the keel to be riveted with straps 1/2" wider than the plates they connect for half length amidships

All the plating to be of steel