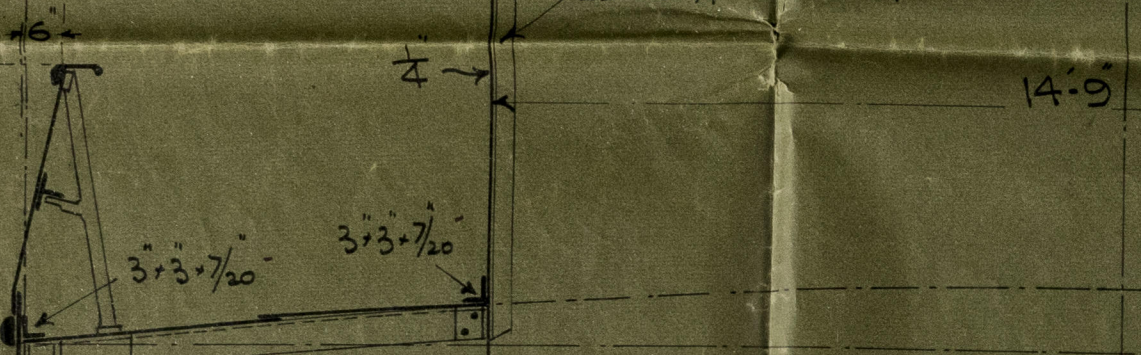
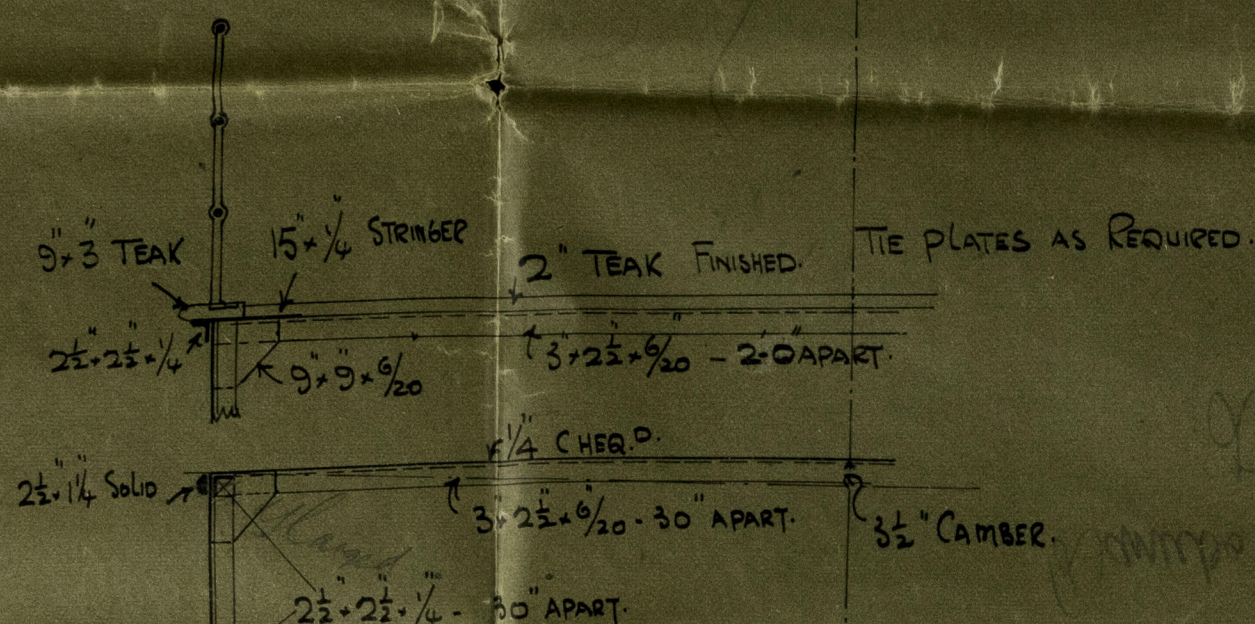
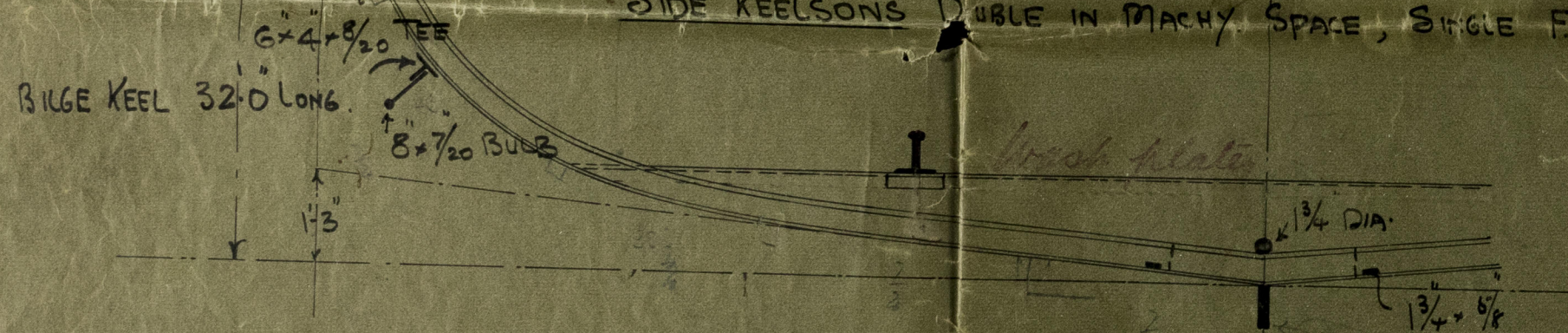


NOTE: THIS ARRANGEMENT OF CASING FOR 1ST TUG ONLY.



- FRAMES $5 \times 2 \frac{1}{2} \times \frac{7}{20}$ BULB ANGLES SPACED 2' APART. HEEL PIECES 2'-6" LONG
- FLOORS $17 \times \frac{9}{20}$ FANGED 3" FOR REV. FRAME, $\frac{9}{20}$ IN BOILER SPACE, $\frac{10}{20}$ IN ENGINE SPACE
- BEAMS $4 \frac{1}{2} \times 3 \times \frac{9}{20}$ ON EVERY FRAME
- BULKHEADS $\frac{9}{20}$, STIFFENERS $3 \times 3 \times \frac{9}{20}$ - 30" APART VERT. - 48 HORIZ.
- PILLARS OF ROUND IRON AS PER G.A. PLAN & TO LLOYDS
- KEEL $7 \times 1 \frac{3}{8}$ STEM $6 \times 2 \frac{1}{4}$ ROUND FACE, STERN FRAME $6 \frac{1}{2} \times 3$
- RUDDER A SINGLE PLATE, FORGED ARMS, HEAD $5 \frac{1}{2}$ DIA. SEE DETAILED PLAN
- RIVETING. GENERALLY TO LLOYDS RULES, SHELL, CASINGS, BULKHEADS, COAMINGS TO HAVE INSIDE BUTTSTRAPS, ALL OUTSIDE WORK & INSIDE SKYLIGHT COAMINGS TO BE COUNTERSUNK.
- CENTRE KEELSON (F&P OF BOILER BHD. ONLY) $6 \times 3 \times \frac{9}{20}$ B.A.'s DOUBLE
- SIDE KEELSONS DOUBLE IN MACHY SPACE, SINGLE F&A. $6 \times 3 \times \frac{9}{20}$ B.A.'s



SHELL PLATING:- SHEERSTRAKE $42 \times \frac{10}{20}$, STRAKE BELOW FOR 1ST TWO PLATES AT BOW $\frac{8}{20}$. REMAINDER OF PLATING $\frac{7}{20}$ ALL F&A. SHEER & GARBOR D.R. REMAINDER S.R. SEAMS.

STEEL SCREW TUG

100'-0" B.P. \times 25'-6" MLD \times 13'-0" MLD.

SCALE $\frac{1}{2}$ " = 1 FT.

TO CLASS 100 A.1. LLOYDS.

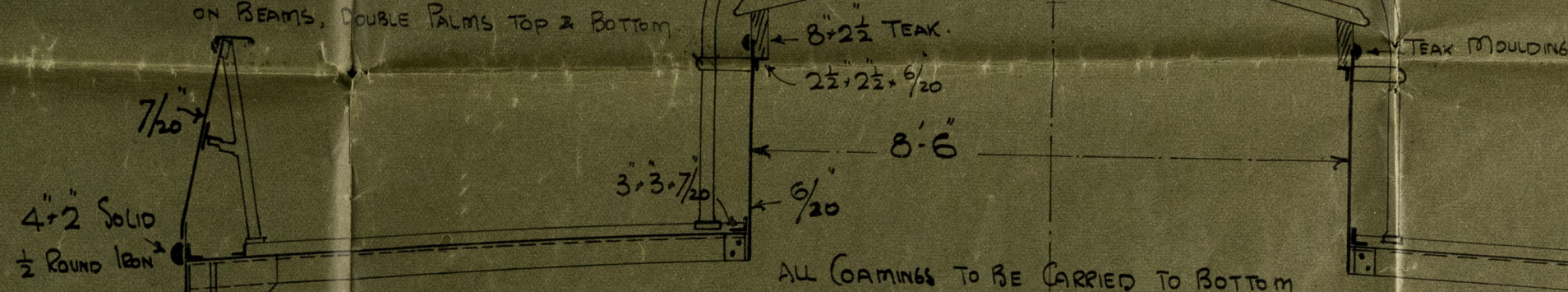
Equipment as per Rule.

NUMERALS

$\frac{1}{2}$ MLD. GIRTH	22.75	
$\frac{1}{2}$ " BREADTH	12.75	
DEPTH	13.53	
	49.03	1 ST NO.
	98.94	
	4851.02	2 ND NO.

BULKHEAD RAIL 6 $\frac{1}{2}$ " PATENT SECTION, BUSH PICES 1'-6" LONG.

STANCHIONS $2 \frac{1}{4}$ " DIA. WITH SPAR (2 RIVETS) TO A 6×4 TEE BAR, STANCHIONS 5×3 APART ON BEAMS, DOUBLE PALMS TOP & BOTTOM.



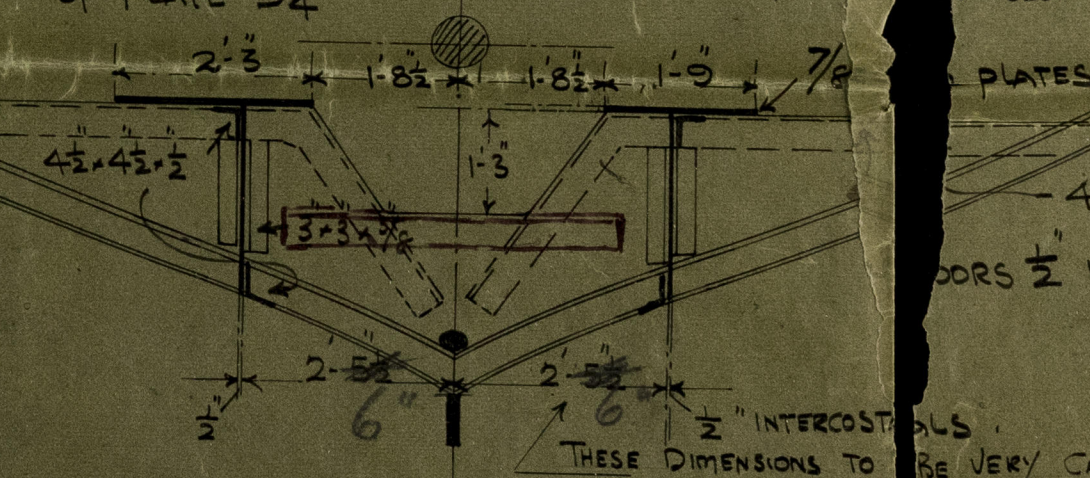
ALL COAMINGS TO BE CARRIED TO BOTTOM OF BEAMS & CONNECTED THERETO BY ANGLE LUG & 4 RIVETS.

DECK WHERE NOT SHEATHED $\frac{7}{20}$ CHEAP, WHERE SHEATHED $\frac{9}{20}$ PLAIN & 2" TEAK SHEATHING.

BUNKERS. CROSS BUNKER BHD. COAMINGS $\frac{5}{16}$. REMAINDER $\frac{1}{4}$. STIFFERS $3 \times 3 \times \frac{9}{20}$ ABOUT 36" APART. SIDE BUNKERS FIXED COAMINGS $\frac{5}{16}$. REMAINDER $\frac{1}{4}$ IN WAY OF BOILER TO BE SECURED TO $5 \times 2 \frac{1}{2}$ TEES WITH BOLTS & COTTERS, BUNKER CEILING 3" P.P. CAULKED & PAYED.

CENTRE OF SHAFT TO TOP OF PLATE $9 \frac{1}{4}$ "

FOR LINE OF SHAFT SEE G.A. PLAN & TO SUIT ENGINEERS.



$4 \frac{1}{2} \times 4 \frac{1}{2} \times \frac{1}{2}$ SINGLE, RIVETS REELED.

DOORS $\frac{1}{2}$ IN ONE PIECE

$\frac{1}{2}$ " INTERCOSTALS. THESE DIMENSIONS TO BE VERY CAREFULLY WORKED TO

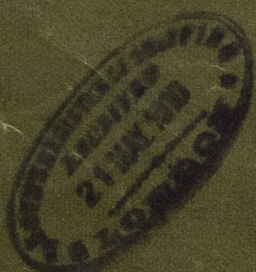
SECTION THRO' FRAME 18 LOOKING FORWARD.

ENGINE SEATING TO BE APPROVED BY ENGINEERS BEFORE SAME IS COMMENCED.

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