

T. S. MOTOR YACHT No 363.

709 TONS Y.M.

CONSTRUCTIONAL SECTIONS.

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

TO CLASS +100 A.1. AT LLOYDS.

PRINCIPAL DIMENSIONS:-

LENGTH, OVERALL.	200'-0"
" BET. PERPS	185'-0"
" ON W. LINE.	183'-0"
BREADTH, EXTR.	23'-2 $\frac{1}{2}$ "
" MLD.	23'-1"
DEPTH, " AMIDS.	15'-9"
DRAUGHT, " "	10'-3"

EQUIPMENT:-

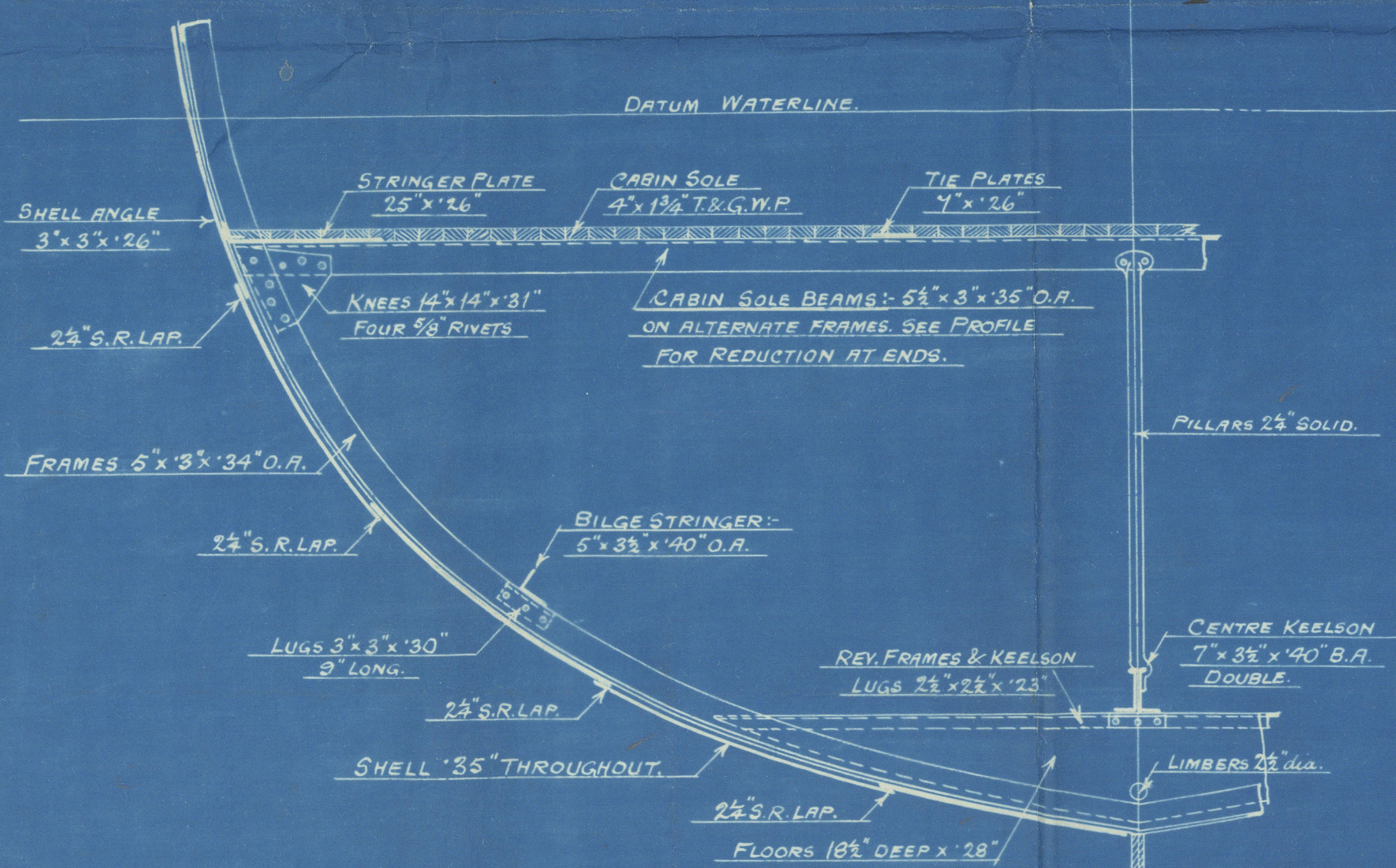
1 ST BOWER ANCHOR	13 $\frac{1}{2}$ CWTs	STOCKLESS GALV?
2 ND " "	12 $\frac{1}{2}$ " "	" "
3 RD " "	11 $\frac{1}{2}$ " "	" "
STREAM	3 $\frac{1}{2}$ " "	EX. STOCK. "
140 FATHOMS	1 $\frac{1}{16}$ " "	STUD LINK CHAIN CABLE. "
55 "	1 $\frac{1}{16}$ " "	STREAM CHAIN. "
90 "	8" "	HAWSER SHROUD LAID LIGHTLY TARRED MANILLA
90 "	5" "	WARP WHITE "

SCHEME OF RIVETING FOR W.T. WORK.

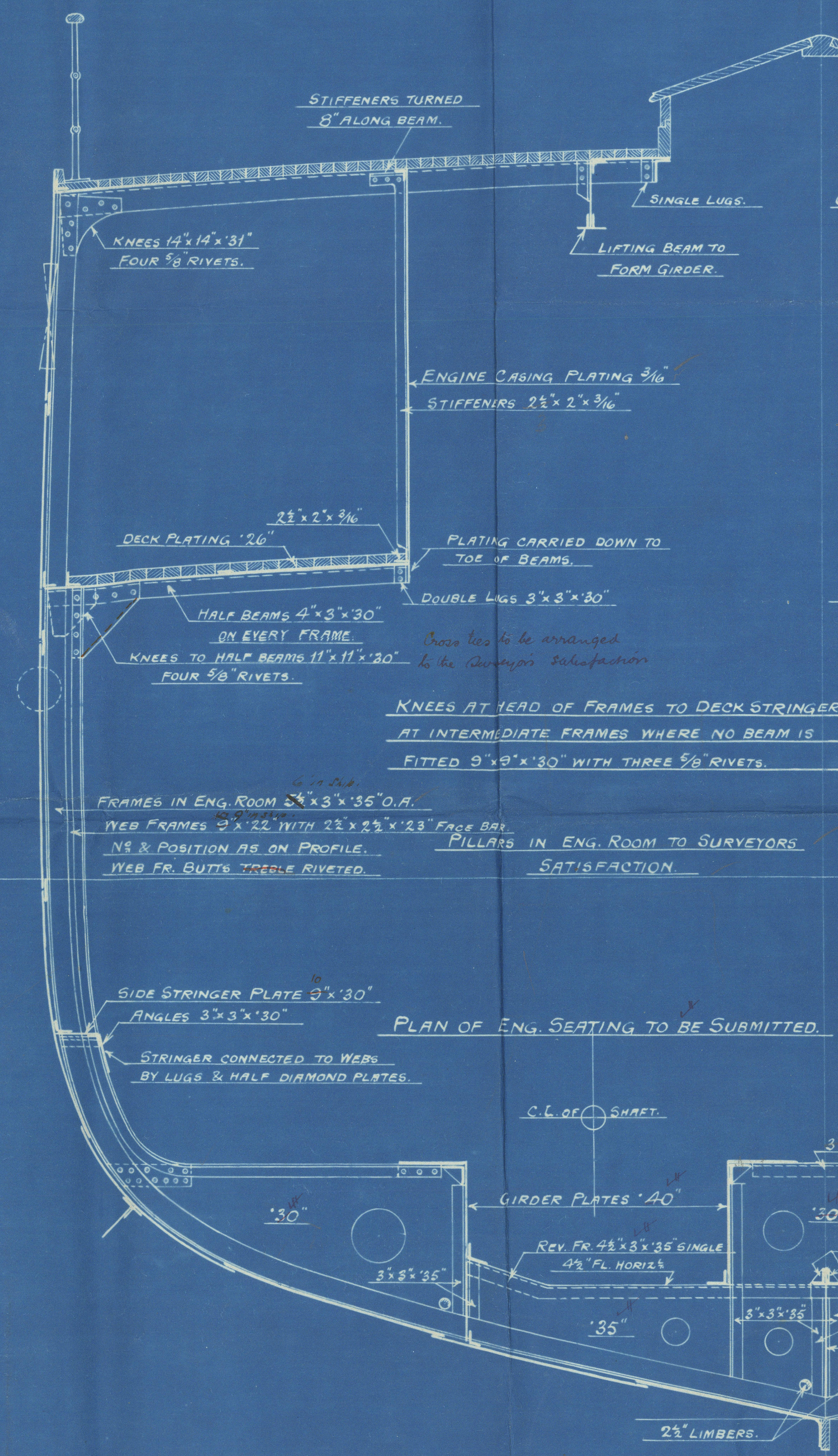
PART OF STRUCTURE	WIDTH OF CONNECT	DIA ⁸ OF RIVET	PITCH DIA ⁸ INCHES	N ⁸ OF ROWS	REMARKS
KEEL, STEM & STERNPOST TO SHELL		1"	5	5	D.R. ZIG-ZAG.
RUDDER SIDE PLATES TO RUDDER FRAME		$\frac{3}{8}$ "	5	3 $\frac{1}{2}$	S.R.
FRAMES TO SHELL & BULKHEADS		$\frac{5}{8}$ "	7	4 $\frac{1}{2}$	(EXCEPT IN F.W. TANK.
" " REV. FR. & FLOORS TO FLOORS		$\frac{5}{8}$ "	7	4 $\frac{1}{2}$	" "
C ⁸ KEELSON ANGLES TO REV. FR. & LUGS		$\frac{5}{8}$ "	7	4 $\frac{1}{2}$	" "
" " "		$\frac{3}{4}$ "	4	5 $\frac{1}{2}$	REELED
BULKHEAD STIFFENERS TO BULK ⁸ PLATING		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" BOUNDARY BAR TO BULK ⁸ & DECK		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" " " SHELL		$\frac{5}{8}$ "	5	3 $\frac{1}{2}$	S.R.
" PLATING SEAMS & BUTTS	(2 $\frac{1}{2}$ SEAMS 2 $\frac{1}{2}$ BUTTS)	$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
UPPER DECK STRINGER PLATE BUTTSTRAPS	8" x 3"	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. BUTT LAPS 4 $\frac{1}{2}$ " WIDE.
" " " TO BEAMS		$\frac{5}{8}$ "	4	4 $\frac{1}{2}$	" "
" " " ANGLES TO SHELL		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	(MINIM ⁸ N ⁸ OF RIVS BETH FR. = 6).
" " " DECK		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
" " TIE PLATE BUTTSTRAPS	4 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R.
" " " TO BEAMS		$\frac{5}{8}$ "	5	3 $\frac{1}{2}$	" "
LOWER DECK STRINGER PLATE BUTTSTRAPS	4 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R.
" " " TO BEAMS		$\frac{5}{8}$ "	4	4 $\frac{1}{2}$	(EXCEPT IN F.W. TANK.
" " " ANGLE TO SHELL		$\frac{5}{8}$ "	4	4 $\frac{1}{2}$	" "
" " TIE PLATE BUTTSTRAPS	4 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R.
" " " TO BEAMS		$\frac{5}{8}$ "	5	3 $\frac{1}{2}$	" "
BILGE KEEL PLATE TO TEE BAR		$\frac{5}{8}$ "	5	3 $\frac{1}{2}$	" "
" " BUTTSTRAPS	8" x 20"	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. (DOUBLE STRAPS CHAIN RIVETED)
" " TEE BAR TO SHELL		$\frac{5}{8}$ "	6	3 $\frac{1}{2}$	" (ONE ROW IN EACH PLATING, CHAIN RIVETED FOR F.W. TANK.
SHELL PLATING, EDGES LAPPED	2 $\frac{1}{2}$ "	$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" " " STRAPPED	4 $\frac{1}{2}$ x 35"	$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R. F.W. TANK.
" " BUTTS	8" x 38"	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. CHAIN RIVETED.
BULKWARK " "	4 $\frac{1}{2}$ x 22"	$\frac{5}{8}$ "	4	2	S.R.
" " STRAP TO SHEERSTRAKE	4 $\frac{1}{2}$ x 35"	$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" " TO RAIL BAR		$\frac{5}{8}$ "	4	3 $\frac{1}{2}$	" "
F.W. TANK. FRAMES TO SHELL PLATING		$\frac{5}{8}$ "	5 $\frac{1}{2}$	3 $\frac{1}{2}$	" "
" " BEAMS TO TANK CROWN		$\frac{5}{8}$ "	6	3 $\frac{1}{2}$	" "
" " SEAMS OF SHELL PLATING	2 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" " " BULK ⁸ "	2 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	S.R.
" " BUTTS " " (LAP)	4 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R.
" " STIFF ⁸ TO " "		$\frac{5}{8}$ "	6	3 $\frac{1}{2}$	" "
" " BOUNDARY BARS (TO BULK ⁸ & SHELL)		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. ZIG-ZAG.
SHADE & STRINGER PLATE BUTTSTRAPS	6 $\frac{1}{2}$ x 35"	$\frac{5}{8}$ "	4	2	D.R. CHAIN RIVETED.
FOC ⁸ LE TIE PLATE BUTTSTRAPS	3 $\frac{1}{2}$ "	$\frac{5}{8}$ "	4	2	D.R.
DECK STRINGER ANGLE TO SHELL		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
DECK BAR TO DECK		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
DECKHOUSES " " COAMING		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
COAMING BUTTS STRAPPED	6 $\frac{1}{2}$ x 28"	$\frac{5}{8}$ "	4	2	D.R. CHAIN RIVETED.

RIVETING IN WAY OF OIL FUEL TANKS.

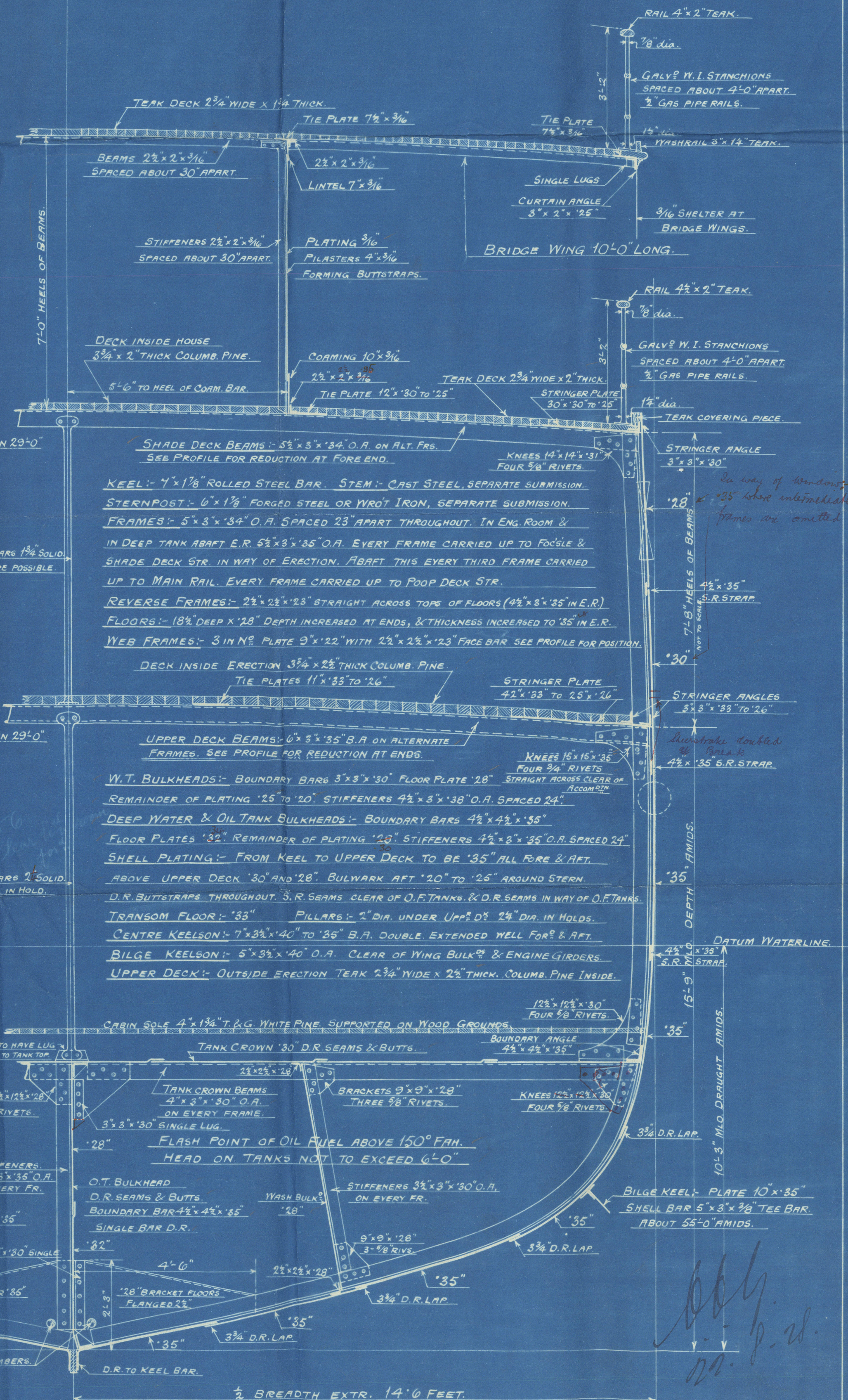
PART OF STRUCTURE	WIDTH OF CONNECT	DIA ⁸ OF RIVET	PITCH DIA ⁸ INCHES	N ⁸ OF ROWS	REMARKS
GARBOARD STRAKE TO KEEL		1"	ONE ROW	ONE ROW	FR. SPACE 1 $\frac{1}{2}$ RIVETS BETH FR. MINIM ⁸
SHELL PLATING EDGE LAPS	3 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R.
" " BUTTSTRAPS	8" x 38"	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. CHAIN RIV ⁸
FRAMES TO SHELL & FLOORS		$\frac{5}{8}$ "	5 $\frac{1}{2}$	3 $\frac{1}{2}$	" "
O.T. BULK ⁸ BOUNDARY BARS TO SHELL		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	D.R. ZIG-ZAG.
" " " BND. & D ⁸		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
TANK CROWN " " SHELL		$\frac{5}{8}$ "	5	3 $\frac{1}{2}$	" "
" " " TANK TOP		$\frac{5}{8}$ "	4 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
" " & BULK ⁸ PLATING, EDGES	3 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	CHAIN RIV ⁸
" " " BUTTSTRAPS	4 $\frac{1}{2}$ "	$\frac{5}{8}$ "	3 $\frac{1}{2}$	2 $\frac{1}{2}$	" "
" " " TO STIFF ⁸ & BEAMS		$\frac{5}{8}$ "	6	3 $\frac{1}{2}$	" "



SECTION CLEAR OF TANKS.



SECTION IN WAY OF ENG. ROOM.



SECTION IN WAY OF OIL FUEL TANKS.

T.S.M.Y.

N^o 363.

Camper & Nicholson's L^o.
Soton.

Constructional
Sections.

App^d. plan.
22/8/18

Rhodora.

Jon 13625.



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Lloyd's Register
Foundation

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