

5296

N<sup>o</sup> 54283

# STANDARD STEAMER "A" TYPE CONVERTIBLE, MIDSHIP SECTION

DIMENSIONS 400'0" x 52'0" ML<sup>2</sup> x 31'0" ML<sup>2</sup>

TO CLASS 100 A.I. LLOYDS REGISTER

Scale 1/8" = 1 Foot



EQUIPMENT NUMBER	
HULL	400(52+31) = 53200
POOP BERTH	200(18) = 3600
DECK HOUSE	31(8) x 5 = 126
CARGO	18(0) x 7(5) = 135
	34706

## EQUIPMENT

2 BOWER ANCHORS	60 CWT. STOCKLESS
1 " "	506 " "
1 STREAM " "	164 " EX STOCK
1 " "	7 " "
210 FATHOMS 3/4" STUD LINK CHAIN CABLE	
90 " "	1 1/2" STEEL WIRE ROPE
180 " "	1 1/2" HEMP HAWSER OR 1 1/2" "
2 off 90 " "	8 " "
2 off 40 " "	7 " "

## NUMERALS

BREADTH ML <sup>2</sup>	52'0"
DEPTH ML <sup>2</sup>	31'0"
	83.00 TRANSVERSE N <sup>o</sup>
LENGTH	400'
	83200 LONGITUDINAL N <sup>o</sup>
L/D TO UPPER DECK	= 12.90
d = 2/5	

## COMPLETE LIST OF SECTIONS USED IN BUILDING THIS VESSEL

12' x 31' x 31'	CHANNEL
8' x 8'	BULB ANGLE
9' x 31'	" "
10' x 31'	" "
6' x 25'	ANGLE
6' x 6'	" "
31' x 31'	" "

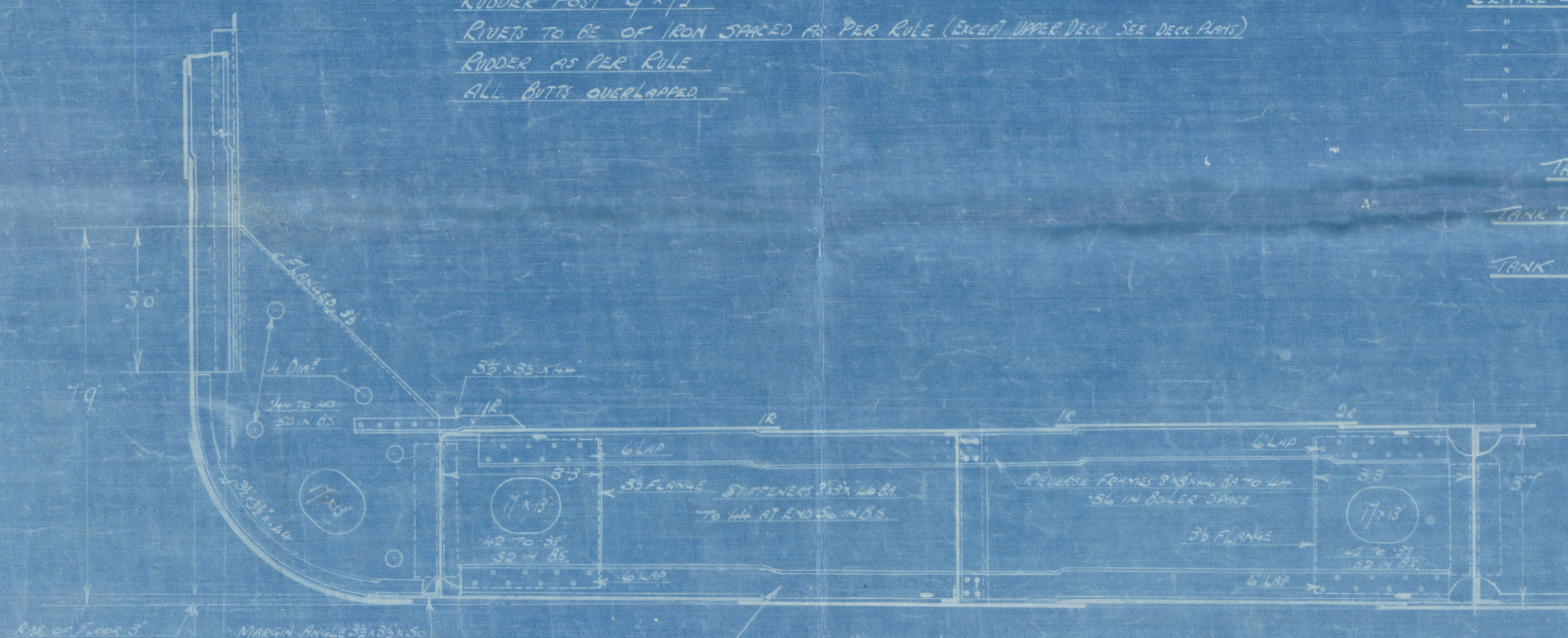
**DOUBLE BOTTOM**  
FRAMES 35' x 31' x 40' TO 31' FORWARD & DOUBLED FROM 31' FORWARD TO COLLISION BULKHEAD.  
REVERSE FRAMES 35' x 31' x 40' FORE & AFT  
" DOUBLED IN ENGINE ROOM TO GIRDER OUTSIDE ENGINE SEAT 35' x 31' x 40'  
" 35' x 31' x 50' IN BULK SPACE DOUBLED UNDER BULK BEAMS  
FLOOR PLATES 40' FOR 31' TO 31' AT ENDS 50' IN BULK SPACE  
SOLID FLOORS ON EVERY THIRD FRAME EXCEPT IN ENGINE SPACE UNDER BULK BEAMS AND FROM 31' LENGTH FORWARD WHERE THEY ARE SOLID ON EVERY FRAME  
TANK SIDE BRACKET 40' FOR 31' TO 31' AT ENDS 50' IN BULK SPACE  
INTERSTALS 40' FOR 31' TO 31' AT ENDS 50' IN BULK SPACE PLANNED TO TANK TOP EXCEPT IN ENGINE & BULK SPACE 7' FORWARD OF 31' LENGTH  
INTERSTAL VERTICAL ANGLE 35' x 31' x 40' 35' x 31' x 50' IN BULK SPACE  
" TOP ANGLE 6' x 25' x 31' IN ENGINE SPACE 35' x 31' x 50' IN BULK SPACE  
" BOTTOM ANGLE 35' x 31' x 40' FORE & AFT  
FOR SCANTLING AT INTERMEDIATE FRAMES SEE SECTION BELOW

**BULKHEADS AS PER RULE STIFFENERS 12 CHANNEL SEE PROFILE**  
STEM 10' x 31'  
PROPELLER POST 10' x 31'  
RUDDER POST 10' x 31'  
RUDDER TO 60' OF IRON SPARED AS PER RULE (DECK UPPER DECK SEE DECK PLAN)  
RUDDER AS PER RULE  
ALL BUTTS OVERLAPPED

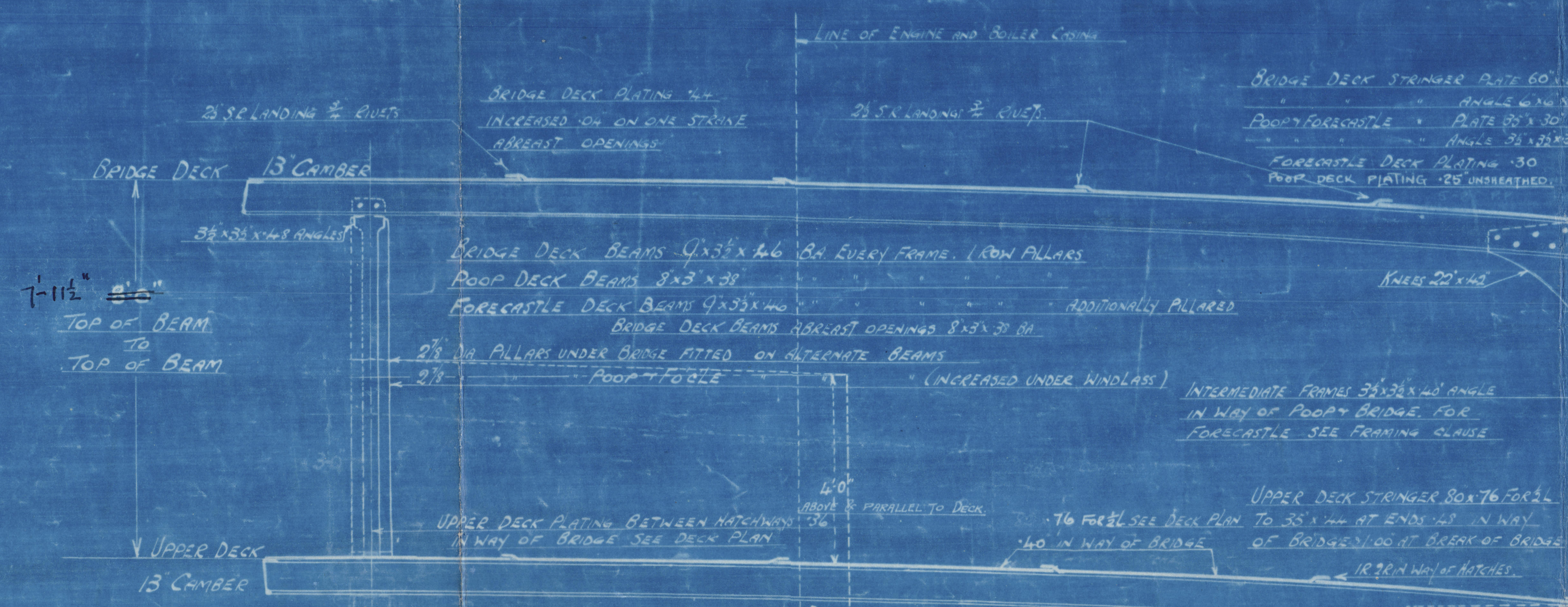
**CENTRE GIRDER** 45' x 50' FOR 31' TO 40' AT ENDS 40' IN BULK SPACE  
" BOTTOM ANGLE 6' x 25' x 31' (DOUBLE END OF 31') NOT INCREASED  
" TOP ANGLE 6' x 25' x 31' (DOUBLE END SPACE) IN BULK SPACE  
" 35' x 31' x 50'  
" VERTICAL ANGLE CHAMFER SINGLE FOR 31' TO 35' x 31' x 40' AT ENDS  
40' x 50' IN BULK SPACE

**TANK TOP CENTRE STRONG** 6' x 25' x 31' TO 40' AT ENDS  
" 35' IN BULK SPACE  
" TANK TOP PLATING 1/2" FOR 31' TO 31' AT ENDS 50' IN BULK SPACE 1/4" IN ENGINE SPACE  
" TANK TOP PLATING INCREASED 1/8" IN LINE OF BEAMS UNDER AIRWAYS (ONE BOARD)

**MAIN DECK PL** 1/2" FOR 31' TO 31' IN BULK SPACE  
" VERTICAL ANGLE 6' x 25' x 31' TO 40' BETWEEN PEAK BULKHEADS  
" VERTICAL ANGLE INSIDE 35' x 31' x 40' FOR 31' TO 31'  
" 35' x 31' x 50' IN BULK SPACE  
" GUNNET EVERY FRAME 35' x 31' x 40' EXCEPT  
" AT 31' & 31' FRAMES WHERE THEY ARE 1/2" x 40'

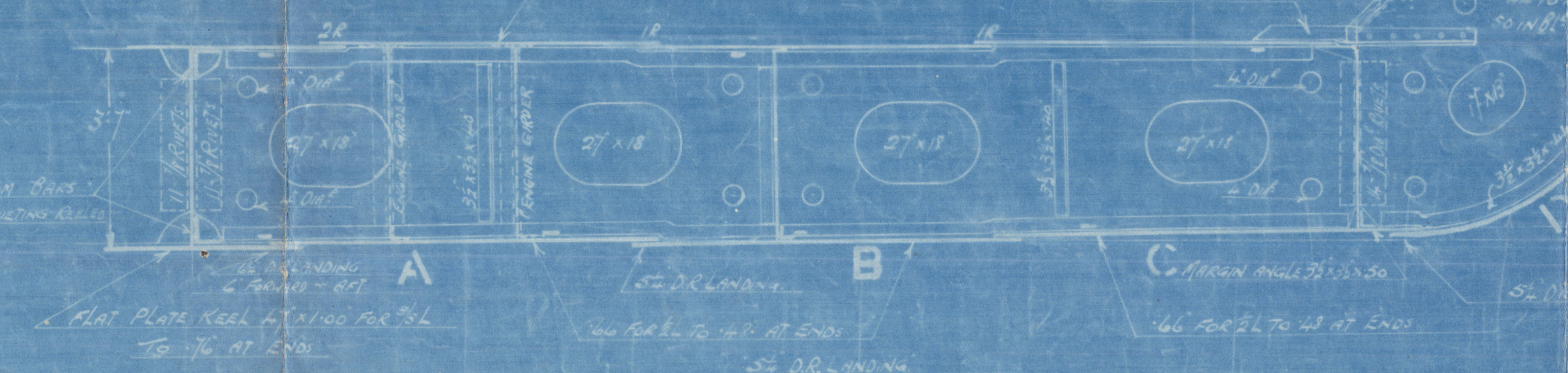


SECTION AT BRACKET FLOOR  
SOLID FLOORS EVERY 3<sup>rd</sup> FRAME



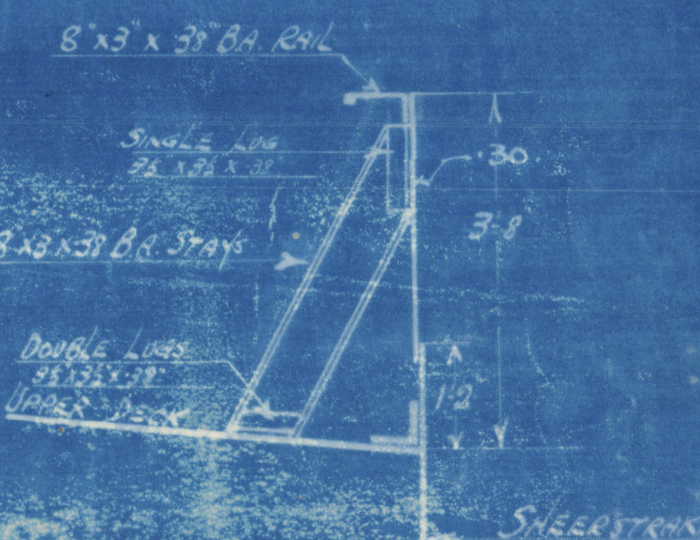
## FRAMES

10' x 31' x 40' ON WITH REVERSE FRAMES 6' x 25' x 31' ANGLE BETWEEN  
PEAKS & REVERSE CHAM INCREASED TO 31' IN N<sup>o</sup> 1 HOLD  
" FRAMES 31' x 31' GIRDER SPACED 26' APART  
" NO REVERSE FRAMES IN ENGINE & BULK SPACE  
" PEAK FRAMES 31' x 31' ON SPACED 24' APART  
" ALL RUN UP TO FORECASTLE DECK IN FORE PEAK ALTERNATE  
" FRAMES RUN UP TO POOP DECK IN AFT PEAK  
" INTERMEDIATE FRAMES TO POOP & BRIDGE DECK 35' x 31' x 40'  
" INTERMEDIATE FRAMES TO FORECASTLE 35' x 31' x 40' ANGLE SCARPHED  
" TO MAIN FRAMES BETWEEN FORECASTLE 35' x 31' x 40' PLAN ON  
" REVERSE FRAMES NOT TO BE DOUBLED



## SECTION IN WELLS

**POOP JOE PLATING** 1/2"  
" FORECASTLE SIDE PLATING 1/2"  
" STRAKE BRIDGE SIDE PLATING 1/2"  
" 6' DELANDING IN WAY OF BRIDGE 6' DE AT BRIDGE DECK FOR 31' x 31' RUNNING IN WELLS FORWARD AFT  
" STRINGER ANGLE 6' x 25' x 31' FOR 31' TO 40' AT ENDS  
" SHELL CHORDS  
" K SHEERSTROKE 1/2" x 40' FOR 31' TO 40' AT ENDS  
" 1/2" IN WAY OF BRIDGE 1/2" x 40' AT ENDS OF ERECTIONS  
" 5' DELANDING IN WAY OF POOP BRIDGE & FORECASTLE  
" 6' DELANDING IN WAY OF WELLS  
" J TOPSIDE STRAKE 1/2" FOR 31'  
" 1/2" x 40' AT ENDS 1/2" IN WAY OF BRIDGE  
" 31' DELANDING  
" H 1/2" FOR 31' LENGTH TO 40' AT ENDS  
" 31' DELANDING  
" C 1/2" FOR 31' TO 40' AT ENDS  
" 31' DELANDING  
" F 1/2" FOR 31' TO 40' AT ENDS  
" 31' DELANDING  
" E 1/2" FOR 31' TO 40' AT ENDS  
" 31' DELANDING  
" 7'0"





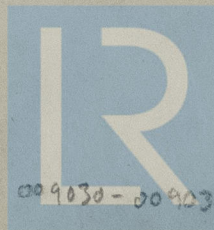
BUILDERS. *Harland & Wolff, Ltd.*

YARD NO. *529*

PLAN. *Midship Section*  
*(as built)*

SHIP'S NAME, *War bowslip.*

GLASGOW REPORT No. *38402*



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