

S. S. No. 225.

MIDSHIP SECTION.

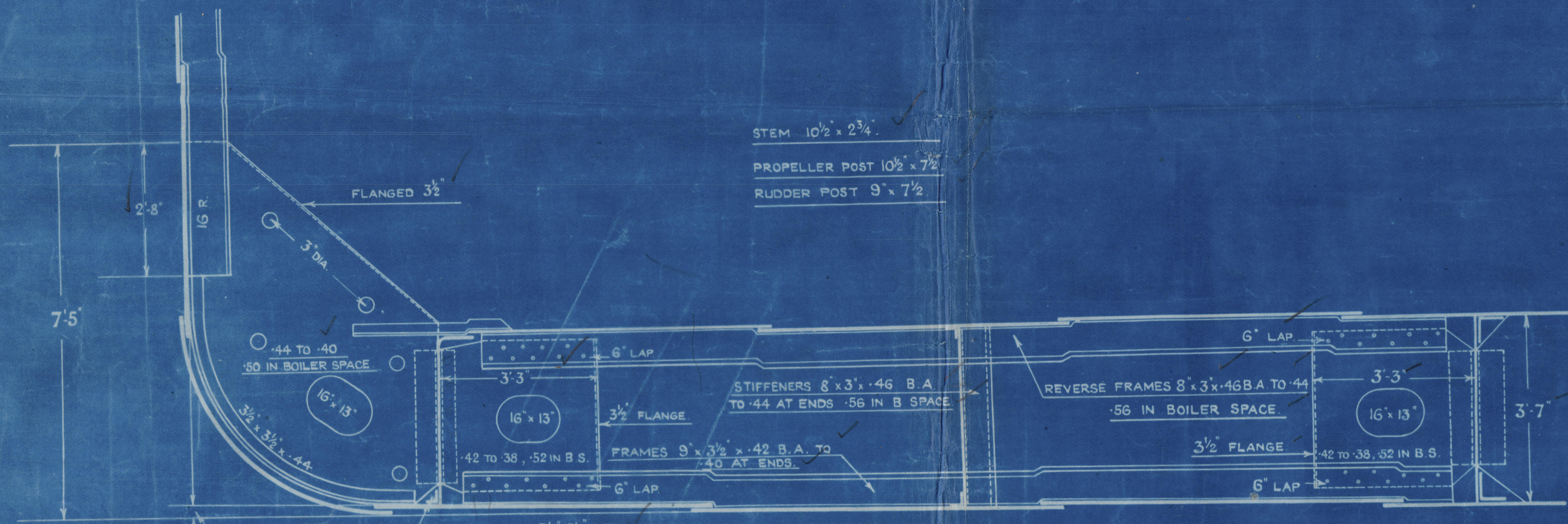
SCALE 1/2" = 1 FOOT.

DIMENSIONS 400'-0" B.P. x 52'-0" B.M.D. x 31'-0" D.M.D.

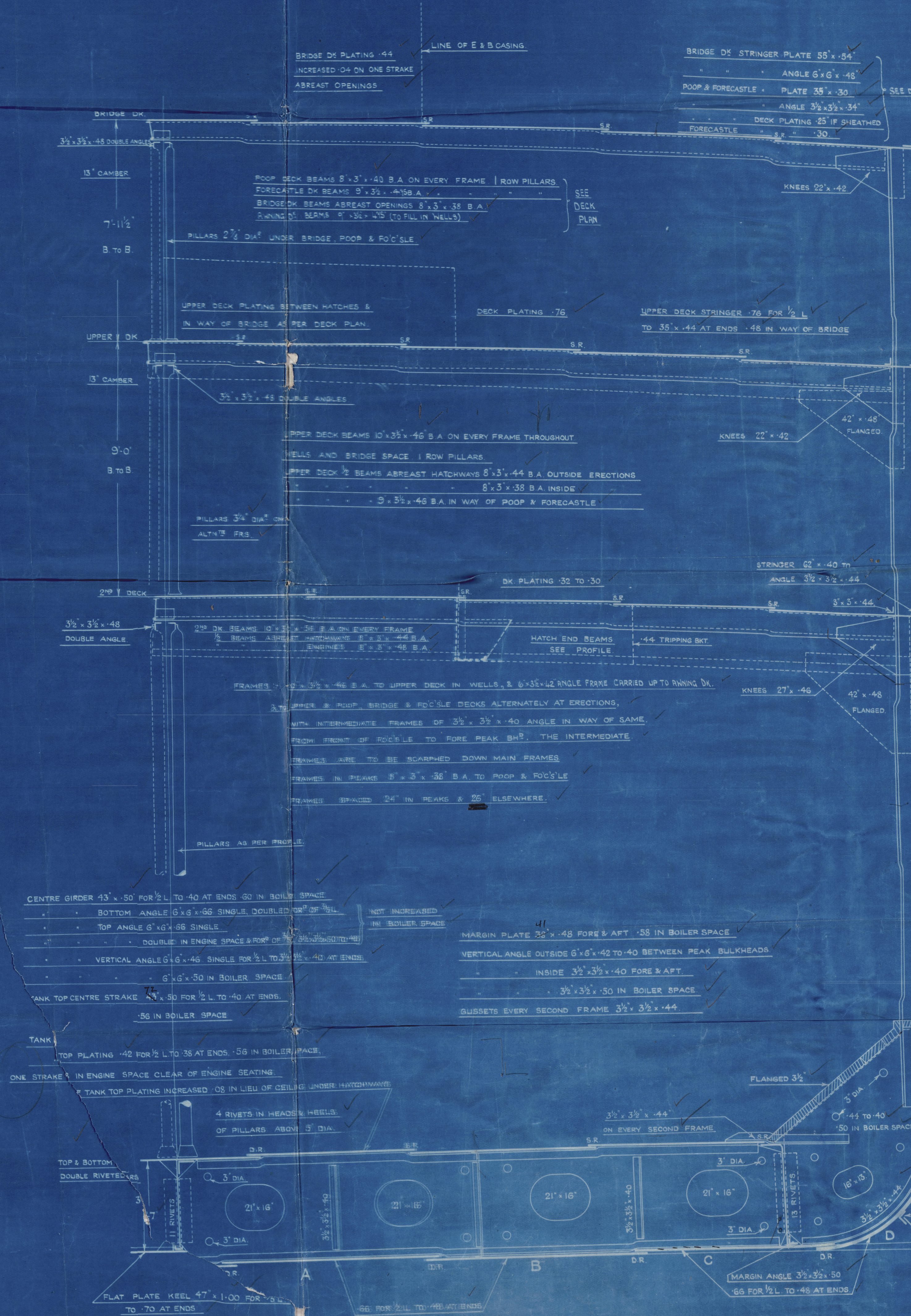
TO CLASS B.S. \*



DOUBLE BOTTOM.  
FRAMES 3 1/2 x 3 1/2 x 40 TO 3/8 L. FOR & DOUBLED FROM 3/8 L. FOR TO COLLISION BND  
REVERSE FRAMES 3 1/2 x 3 1/2 x 40 FOR & AFT.  
DOUBLED IN E.R. TO ORDER OUTSIDE E. SEAT. 3 1/2 x 3 1/2 x 58.  
3 1/2 x 3 1/2 x 50 IN B. SPACE; DOUBLED UNDER BOILER BEARERS.  
FLOOR PLATES 42 FOR 1/2 L. TO 38 AT ENDS; 50 IN B. SPACE.  
SOLID FLOORS ON EVERY 3RD FRAME, EXCEPT IN E.R. B. BEARERS  
& PORT OF 3/8 L. WHERE THEY ARE SOLID ON EVERY FRAME.  
TANK SIDE BKTS. 44 FOR 1/2 L. TO 40 AT ENDS; 50 IN B. SPACE.  
INTERCOSTALS 42 FOR 1/2 L. TO 38 AT ENDS; 50 IN B. SPACE; FLANGED TO TANK TOP.  
EXCEPT IN E. SPACE, B. SPACE & PORT OF 3/8 L.  
INTERCOSTAL VERTICAL ANGLE 3 1/2 x 3 1/2 x 40 THROUGHOUT; 50 IN B. SPACE.  
TOP 6 x 3 1/2 x 38 IN E. SPACE; 3 1/2 x 3 1/2 x 50 IN B. SPACE.  
BOTTOM 3 1/2 x 3 1/2 x 40 F.S.A.

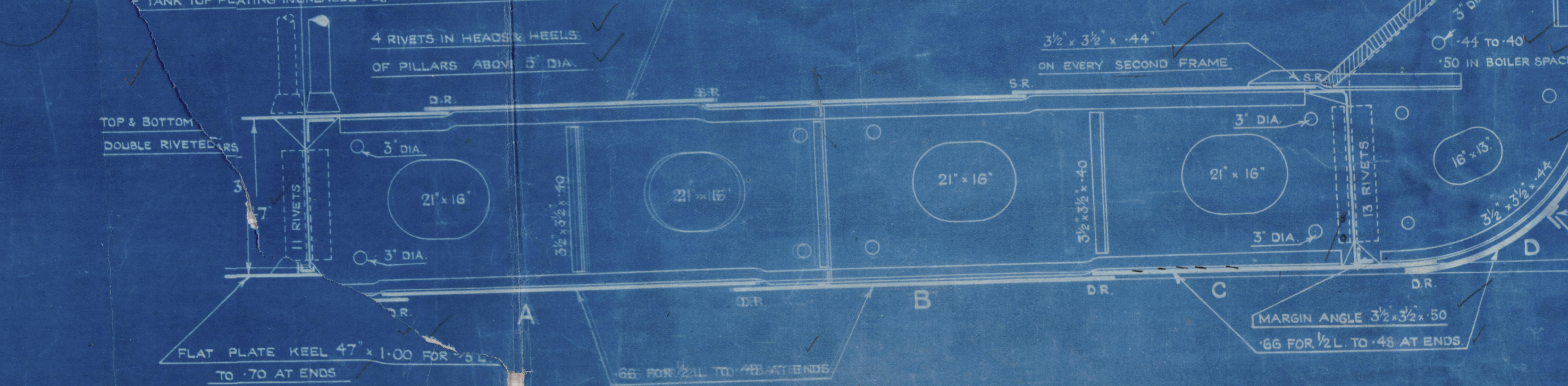


SECTION AT BRACKET FLOOR.  
SOLID FLOORS ON EVERY 3RD FRAME.



CENTRE GIRDER 13 x 50 FOR 1/2 L. TO 40 AT ENDS 50 IN BOILER SPACE.  
BOTTOM ANGLE 6 x 6 x 66 SINGLE, DOUBLED 8" OF 1/2 L. IN BOILER SPACE.  
TOP ANGLE 6 x 6 x 66 SINGLE.  
DOUBLED IN ENGINE SPACE 8" OF 1/2 L. TO 40 AT ENDS.  
VERTICAL ANGLE 6 x 6 x 66 SINGLE FOR 1/2 L. TO 40 AT ENDS.  
6 x 6 x 50 IN BOILER SPACE.  
TANK TOP CENTRE STRAKE 4 x 50 FOR 1/2 L. TO 40 AT ENDS.  
50 IN BOILER SPACE.  
TANK TOP PLATING 42 FOR 1/2 L. TO 38 AT ENDS 50 IN BOILER SPACE.  
ONE STRAKE IN ENGINE SPACE CLEAR OF ENGINE SEATING.  
TANK TOP PLATING INCREASED 08 IN LIB. OF COLLISION UNDER HATCHWAY.

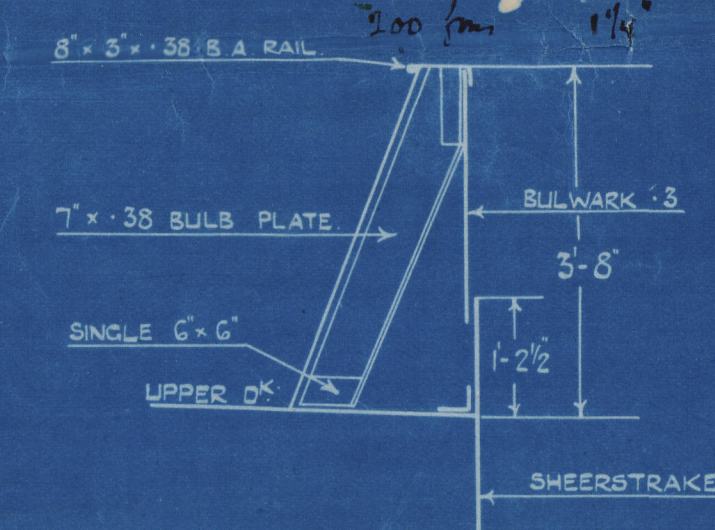
MARGIN PLATE 28 x 48 FOR & AFT 38 IN BOILER SPACE.  
VERTICAL ANGLE OUTSIDE 6 x 6 x 42 TO 40 BETWEEN PEAK BULKHEADS.  
INSIDE 3 1/2 x 3 1/2 x 40 FOR & AFT.  
3 1/2 x 3 1/2 x 50 IN BOILER SPACE.  
GUSSETS EVERY SECOND FRAME 3 1/2 x 3 1/2 x 44.



NOTE THREE STRAKES OF PLATING TO HAVE THICKNESS CARRIED FORWARD TO COLLISION BND.

EQUIPMENT.

2	BOILER ANCHORS	50	CWTS STOCKLESS
1	STREAM	10 1/2	EX. STOCK.
1	KEDGE	7	
300	270 FATHOMS	2 3/8	STUD LINK CHAIN CABLE.
30		1 1/2	STEAM CHAIN OR 4 1/8 STEEL WIRE ROPE.
120		16	WEMP HANGER
2	OFF 30	8	
3	OFF 30	7	WARPS



SECTION IN WELLS.

POOP SIDE PLATING 38  
POOP L. 40  
BRIDGE SIDE PLATING 68  
BRIDGE L. 40  
STRINGER ANGLE 6 x 6 x 42 FOR 1/2 L. TO 48 AT ENDS.  
3 1/2 x 3 1/2 x 48 IN WAY OF BRIDGE & 44 IN WAY OF POOP & FORECASTLE.  
SHELL CHOCKS  
L. SHEERSTRAKE 47 x 30 FOR 1/2 L. TO 40 AT ENDS.  
24 IN WAY OF BRIDGE DOUBLING FITTED.  
K. TOPSIDE STRAKE 74 FOR 1/2 L. TO 40 AT ENDS.  
64 IN WAY OF BRIDGE.  
H. 64 FOR 1/2 L. TO 44 AT ENDS.  
G. 64 FOR 1/2 L. TO 44 AT ENDS.  
F. 64 FOR 1/2 L. TO 44 AT ENDS.  
E. 64 FOR 1/2 L. TO 44 AT ENDS.  
7-5'  
6 x 6 x 50 ANGLE  
10 x 5 BULB PLATE  
RISE OF FLOOR 3'



Napier & Miller

N<sup>o</sup> 225

Midship Section

Viking Star es.  
s/ Lusitania

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