

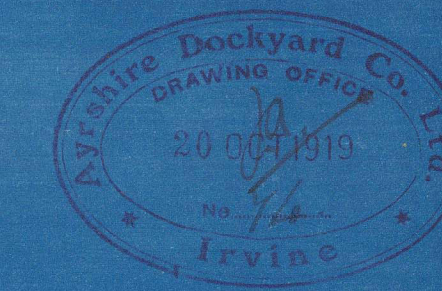
# TWIN SCREW MINESWEEPER. CONSTRUCTIONAL SECTIONS.

SCALE 1/2" = 1 FOOT.

DIMENSIONS :- 220'-0" B.P. x 28'-6" M.L.B. x 16'-3" M.L.B. TO UPPER DECK AT MIDSHIPS.

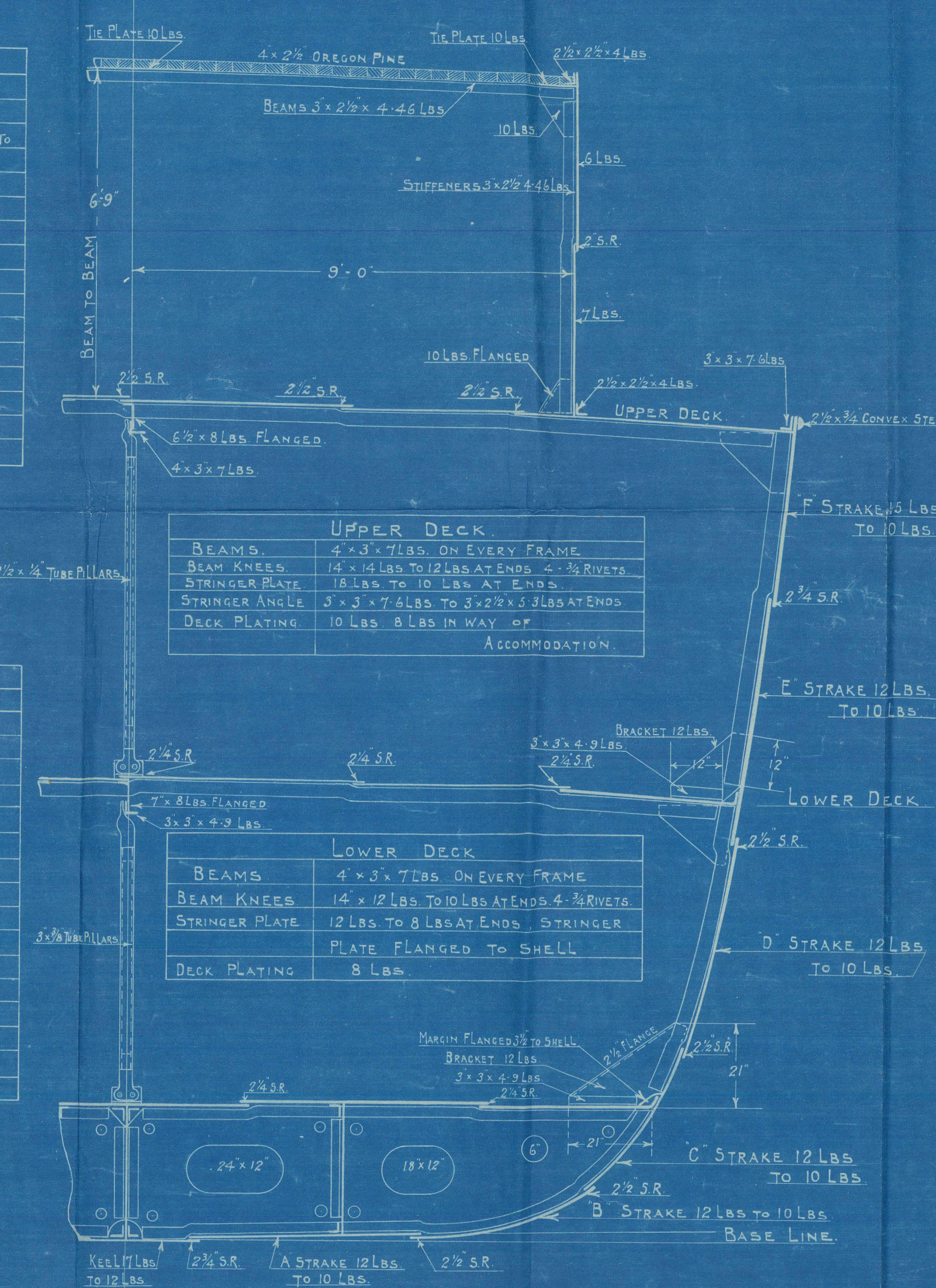
NOTE :- MIDSHIP SCANTLING MAINTAINED BETWEEN BULKHEADS 26 & 84.

BUILT UNDER LLOYDS SURVEY.

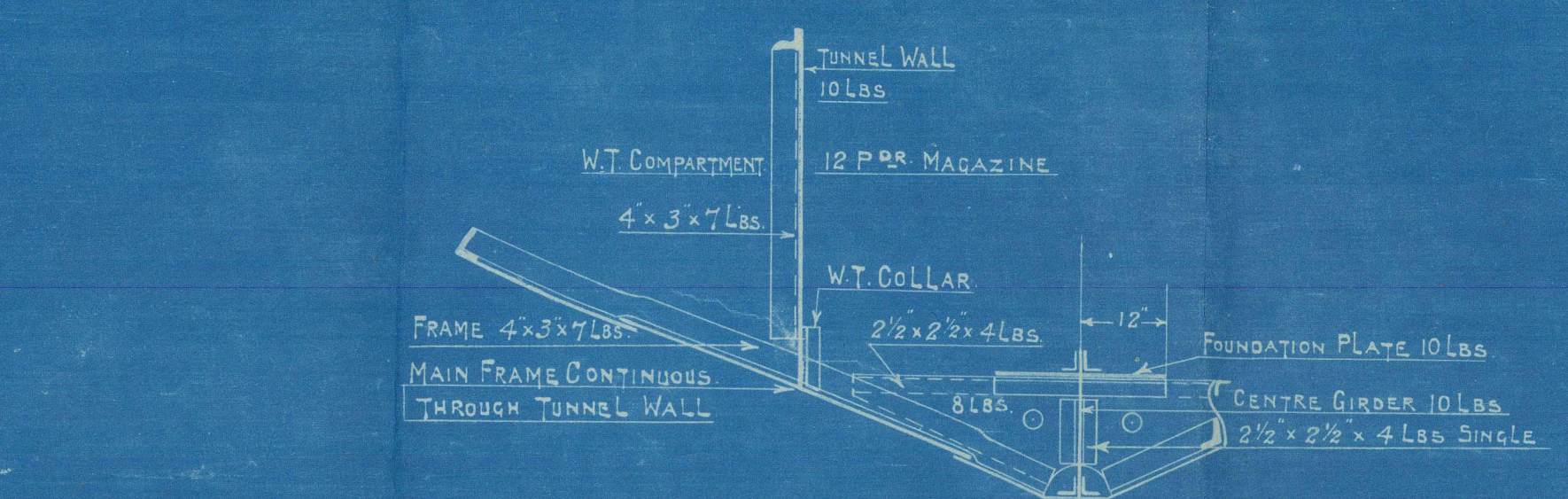


RIVETING.	
ALL SEAMS OF SHELL PLATING.	SINGLE RIVETED.
RIVETS SPACED.	4 1/2" DIAMETERS APART.
PLAT. PLATE KEEL.	STRAPPED & TREBLE RIVETED FROM FRAME 26 TO AFTER END.
DOUBLE RIVETED AT FORE END.	
A, B, C, D & E STRAKES.	OVERLAPPED & TREBLE RIVETED FROM FRAME 26 TO FRAME 84.
DOUBLE RIVETED AT ENDS.	
F STRAKE.	OVERLAPPED & TREBLE RIVETED FROM FRAME 26 TO FRAME 84.
DOUBLE RIVETED AT ENDS.	
UPPER DECK STRINGERS OVERLAPPED & TREBLE RIVETED TO DOUBLE RIVETED AT ENDS.	
UPPER DECK PLATING BUTTS.	OVERLAPPED & SINGLE RIVETED.
LOWER DECK STRINGERS OVERLAPPED & DOUBLE RIVETED FROM FRAME 26 TO FRAME 84.	
LOWER DECK PLATING BUTTS.	OVERLAPPED & SINGLE RIVETED.
ALL UPPER & LOWER DECK STRINGERS & PLATING SEAMS.	SINGLE RIVETED.
ALL RIVETS OF IRON.	

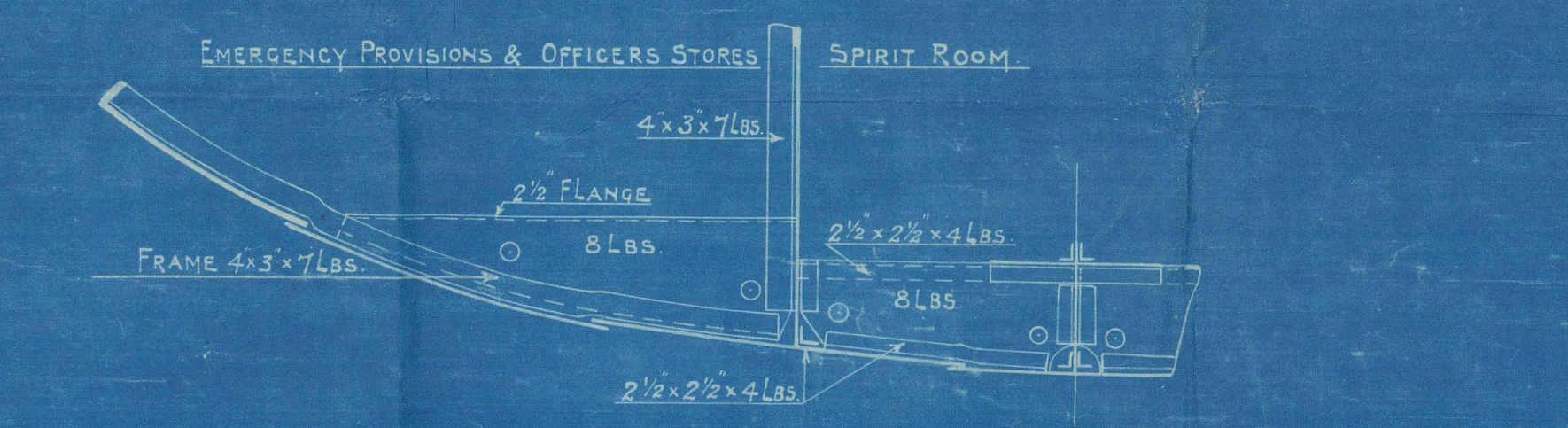
DOUBLE BOTTOM.	
ITEM.	REMARKS.
CENTRE GIRDER.	33" x 10 LBS.
CE. GIRD. TOP ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. BOTTOM ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4-0 LBS. SINGLE.
SIDE GIRDER.	10 LBS.
SIDE GIRDER TOP ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER BOTTOM ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
FLOORS.	33" x 10 LBS.
FLOOR STIFFENERS.	3" x 3" x 4-0 LBS.
WING BRACKETS.	21" x 12 LBS.
TANK FRAMES.	2 1/2" x 2 1/2" x 4 LBS.
TANK REINFORCING PLATE.	2 1/2" x 2 1/2" x 4 LBS.
TANK TOP CE. STRAKE.	60" x 10 LBS.
TANK TOP PLATING.	10 LBS.
TANK MARGIN.	10 LBS. FLANGED TO SHELL.



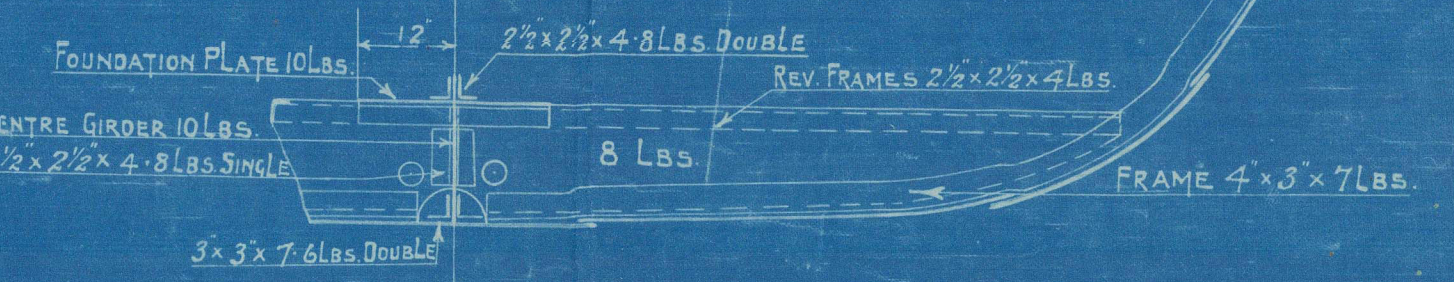
1/2 SECTION THROUGH DOUBLE BOTTOM.



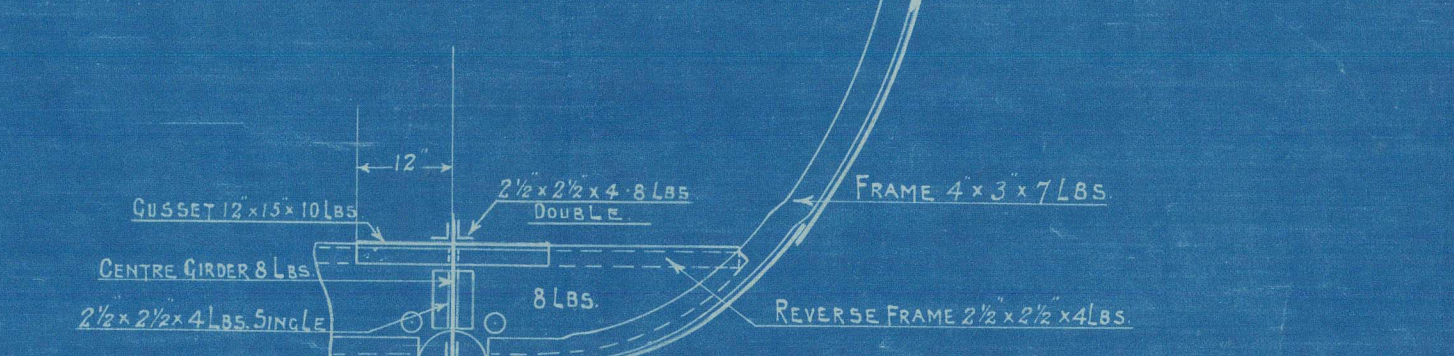
SECTION AT FRAME 89.  
LOOKING AFT.



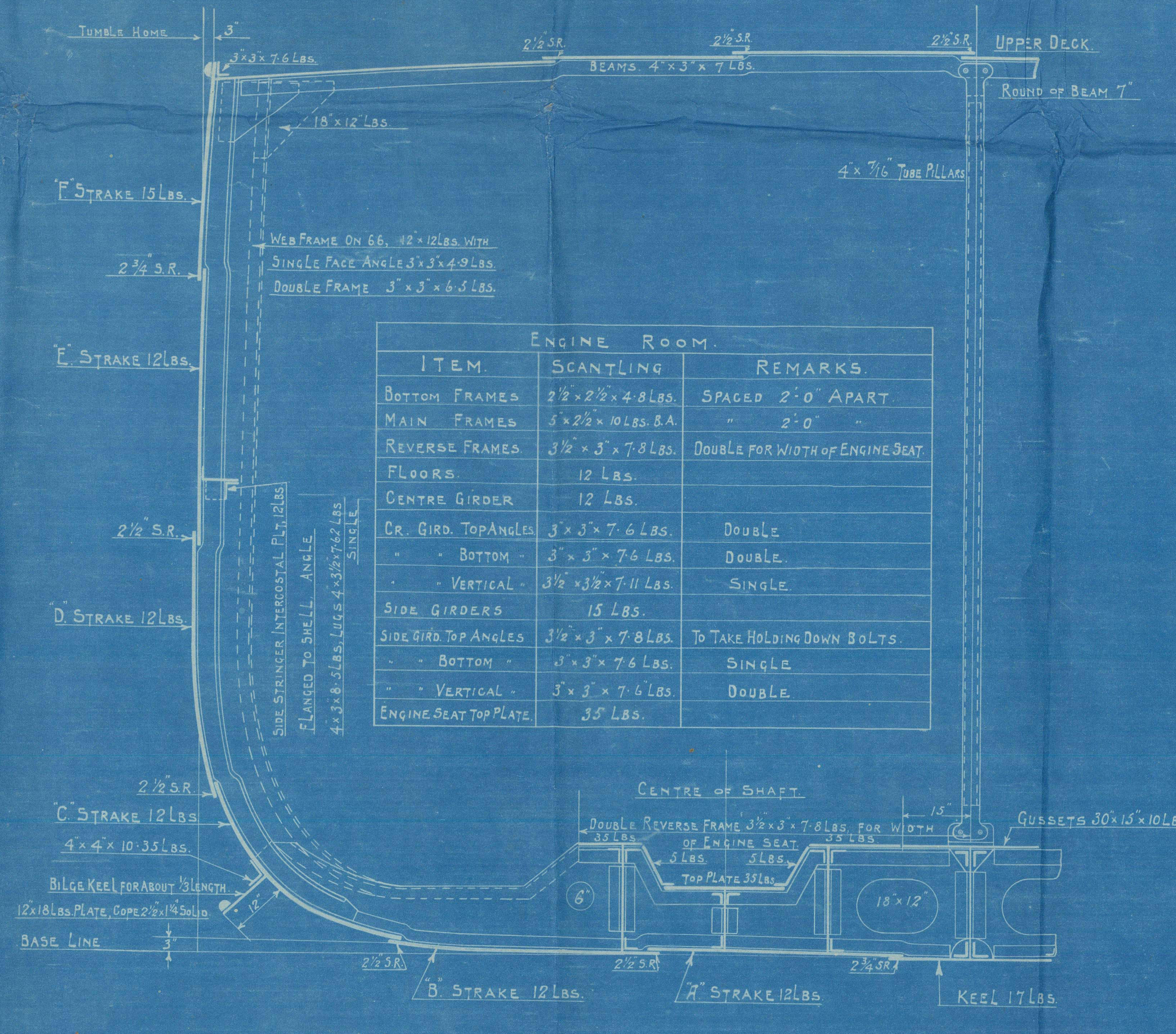
SECTION AT FRAME 80.  
LOOKING AFT.



SECTION AT FRAME 27.  
LOOKING FORWARD.



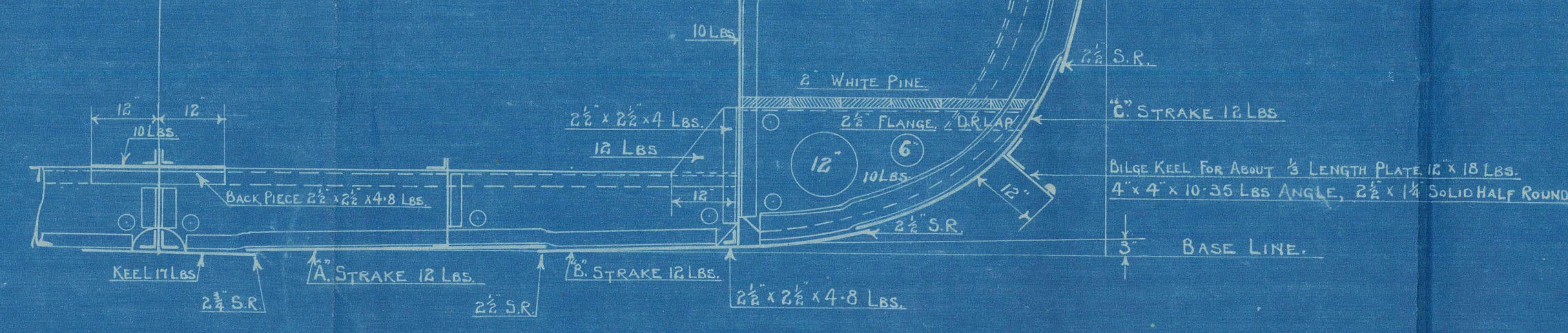
SECTION AT FRAME 14.  
LOOKING FORWARD.



1/2 SECTION THROUGH ENGINE ROOM.

ENGINE & BOILER SPACES & TANKS.	
ITEM.	REMARKS.
BOTTOM FRAMES.	2 1/2" x 2 1/2" x 4 LBS. SPACED 2'-0" APART.
MAIN FRAMES.	4" x 3" x 7 LBS. SPACED 2'-0" APART.
REVERSE FRAMES.	3 1/2" x 3 1/2" x 7 LBS. DOUBLE FOR MOTOR ENGINE GUT.
FLOORS.	10 LBS.
CENTRE GIRDER.	10 LBS.
CE. GIRD. TOP ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. BOTTOM ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4-0 LBS. SINGLE.
SIDE GIRDER.	10 LBS.
SIDE GIRDER TOP ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER BOTTOM ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
FLOORS.	33" x 10 LBS.
FLOOR STIFFENERS.	3" x 3" x 4-0 LBS.
WING BRACKETS.	21" x 12 LBS.
TANK FRAMES.	2 1/2" x 2 1/2" x 4 LBS.
TANK REINFORCING PLATE.	2 1/2" x 2 1/2" x 4 LBS.
TANK TOP CE. STRAKE.	60" x 10 LBS.
TANK TOP PLATING.	10 LBS.
TANK MARGIN.	10 LBS. FLANGED TO SHELL.

BOILER ROOM.	
ITEM.	REMARKS.
BOTTOM FRAMES.	2 1/2" x 2 1/2" x 4 LBS. SPACED 2'-0" APART.
MAIN FRAMES.	4" x 3" x 7 LBS. SPACED 2'-0" APART.
REVERSE FRAMES.	3 1/2" x 3 1/2" x 7 LBS. DOUBLE FOR MOTOR ENGINE GUT.
FLOORS.	10 LBS.
CENTRE GIRDER.	10 LBS.
CE. GIRD. TOP ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. BOTTOM ANGLES.	3" x 3" x 7-6 LBS. DOUBLE.
CE. GIRD. VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4-0 LBS. SINGLE.
SIDE GIRDER.	10 LBS.
SIDE GIRDER TOP ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER BOTTOM ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
SIDE GIRDER VERTICAL ANGLES.	2 1/2" x 2 1/2" x 4 LBS. SINGLE.
FLOORS.	33" x 10 LBS.
FLOOR STIFFENERS.	3" x 3" x 4-0 LBS.
WING BRACKETS.	21" x 12 LBS.
TANK FRAMES.	2 1/2" x 2 1/2" x 4 LBS.
TANK REINFORCING PLATE.	2 1/2" x 2 1/2" x 4 LBS.
TANK TOP CE. STRAKE.	60" x 10 LBS.
TANK TOP PLATING.	10 LBS.
TANK MARGIN.	10 LBS. FLANGED TO SHELL.



1/2 SECTION THROUGH BOILER ROOM.



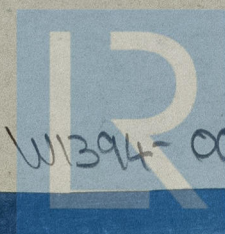
BUILDERS. Ayrshire Dockyard Co. Ltd.

YARD No. 481.

PLAN. Constructional Sections.

SHIP'S NAME, S.S. "BRADFIELD"

GLASGOW REPORT No 39276.



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