

# MIDSHIP SECTION

## SCANTLING NUMBERS.

1. D. 28'-9"
2. 390' 28'-75" = 11212 (FIRST LONG+ NUMBER)  
(55.3 + 28.75) x 390 = 32779 (SECOND LONG+ NUMBER)
3. DEPTHS TO LENGTH U. DECK = 13.56  
B. DECK = 10.75
4. DEPTH MOULDED TO U. DECK 28'-9"  
OF C.D.B. AT SIDE 3'-4 1/2"  
EXTRA DEPTH OF BEAM KNEE 5'  
L (FOR FRAMES ONLY) 24'-11 1/2"

DIMENSIONS - 390'-0" x 55'-6" x 28'-9" MLD UPPER DECK.

TO CLASS 100 A.I. AT LLOYDS.

SCALE 1" = 1 FOOT.

S.S. WILLOWPOOL

## FORECASTLE.

BEAMS 7 1/2" x 46" B.A. ON EVERY FRAME. 2 ROWS OF PILLARS, 2 1/2" DIA TO SUIT ACCOMMODATION.  
STRINGER 34" x 34" ANGLE 3/2" x 3/2" x 34". DECK PLATING 30" SHEATHED WITH 3" PINE. SIDE PLATING 40"

## POOP

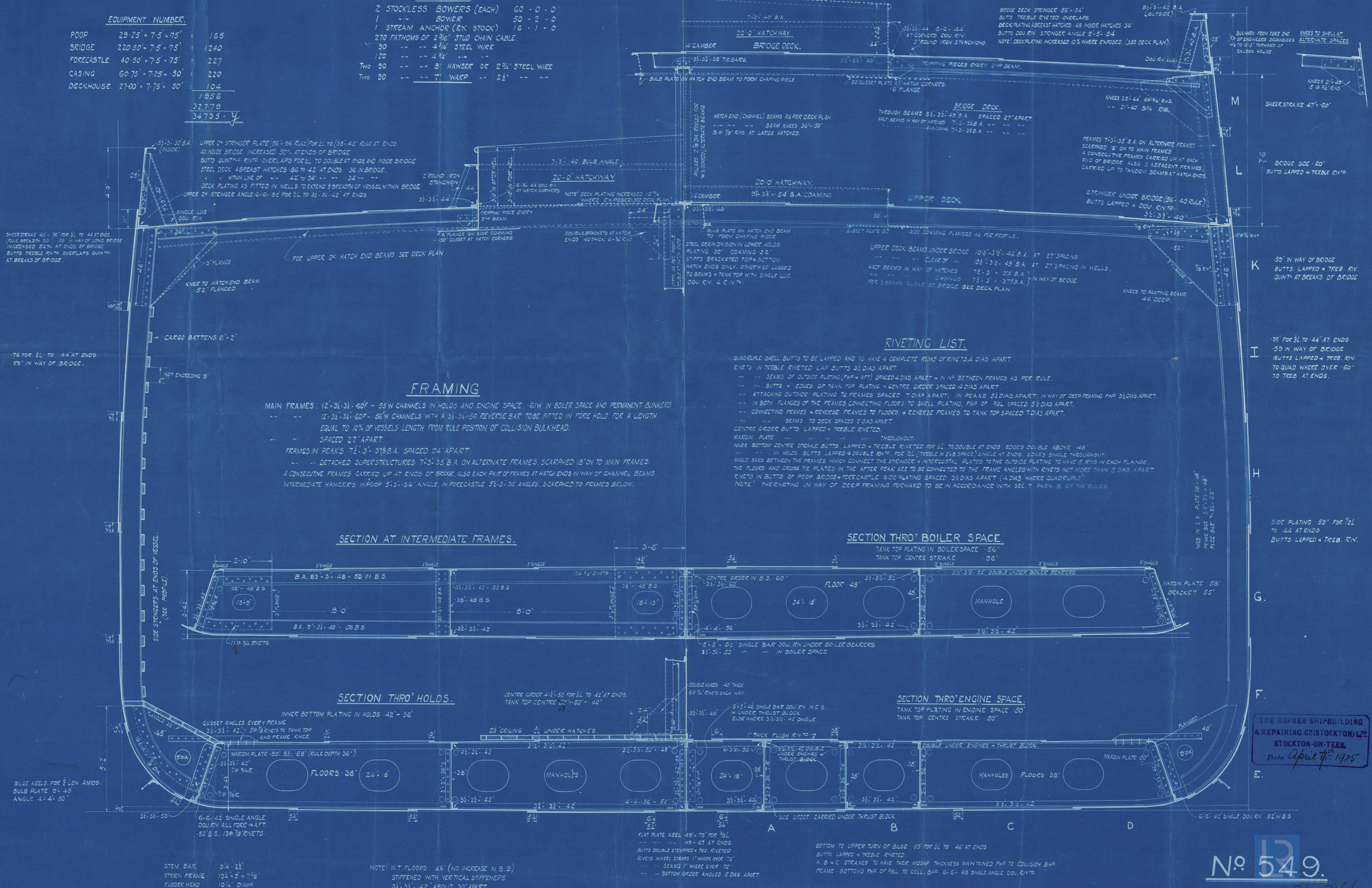
BEAMS 7 1/2" x 42" B.A. ON EVERY FRAME. 1 ROW OF PILLARS, 2 1/2" DIA.  
STRINGER 35" x 34" ANGLE 3 1/2" x 3 1/2" x 34". DECK PLATING 30" (10% FOR EXPOSED DECK) 38" STEEL SIDE PLATING 38"

## EQUIPMENT

2 STOCKLESS BOWERS (EACH)	60 - 0 - 0
1 BOWER	50 - 2 - 0
1 STREAM ANCHOR (EX STOCK)	16 - 1 - 0
270 FATHOMS OF 2 1/8" STUD CHAIN CABLE.	
90 -- 4 1/4" STEEL WIRE	
120 -- 4 1/4" --	
Two 90 -- 8" HANSEK OR 2 1/4" STEEL WIRE	
Two 90 -- 7" WARP	2 1/2" --

## EQUIPMENT NUMBER.

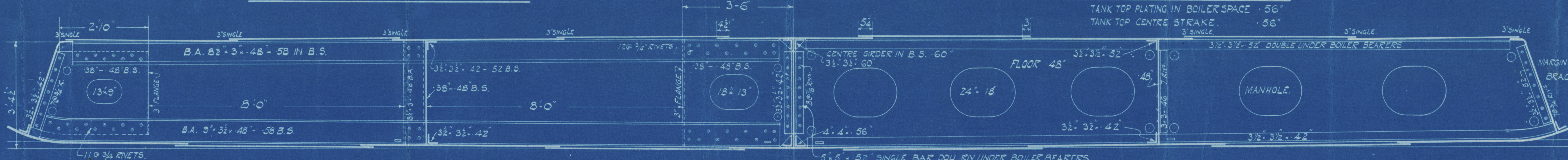
POOP	29-25' x 7-5' x 7-5'	165
BRIDGE	220-50' x 7-5' x 7-5'	1240
FORECASTLE	40-50' x 7-5' x 7-5'	227
CASING	60-75' x 7-25' x 50'	220
DECKHOUSE	27-00' x 7-75' x 50'	104
		1956
		32779
		34735



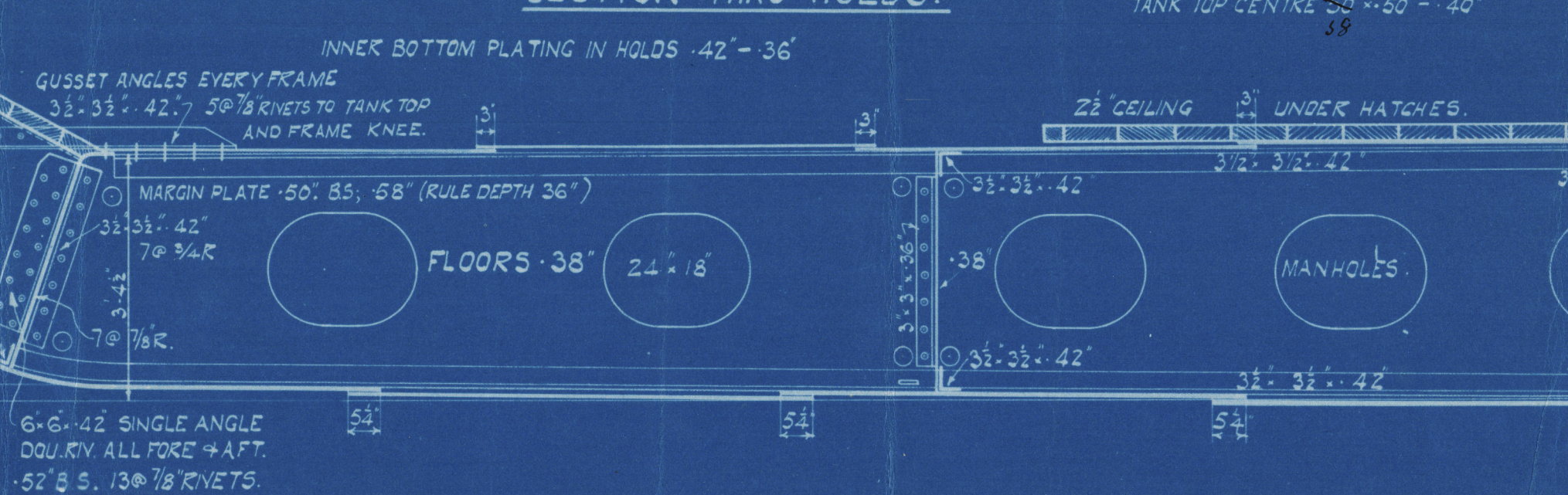
## FRAMING

MAIN FRAMES: 12' 3 1/2" x 60' - 56" W CHANNELS IN HOLDS AND ENGINE SPACE. 6" W IN BOILER SPACE AND PERMANENT BUNKERS.  
12' 3 1/2" x 60' - 56" W CHANNELS WITH A 3 1/2" x 56" REVERSE BAR TO BE FITTED IN FORE HOLD FOR A LENGTH EQUAL TO 10% OF VESSELS LENGTH FROM RULE POSITION OF COLLISION BULKHEAD.  
SPACED 27" APART.  
FRAMES IN PEAKS 7 1/2" x 31 1/2" B.A. SPACED 24" APART.  
DETACHED SUPERSTRUCTURES 7 1/2" x 35" B.A. ON ALTERNATE FRAMES, SCARPHED 18" ON TO MAIN FRAMES.  
4 CONSECUTIVE FRAMES CARRIED UP AT ENDS OF BRIDGE, ALSO EACH PAIR OF FRAMES AT HATCH ENDS IN WAY OF CHANNEL BEAMS.  
INTERMEDIATE HANGERS IN POOP 5 1/2" x 36" ANGLE IN FORECASTLE 5 1/2" x 36" ANGLE, SCARPHED TO FRAMES BELOW.

## SECTION AT INTERMEDIATE FRAMES.

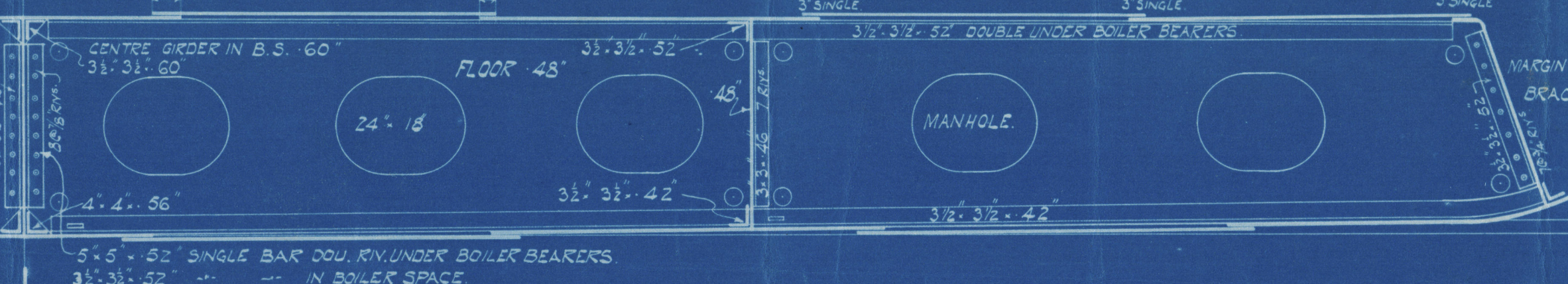


## SECTION THRO' HOLDS.



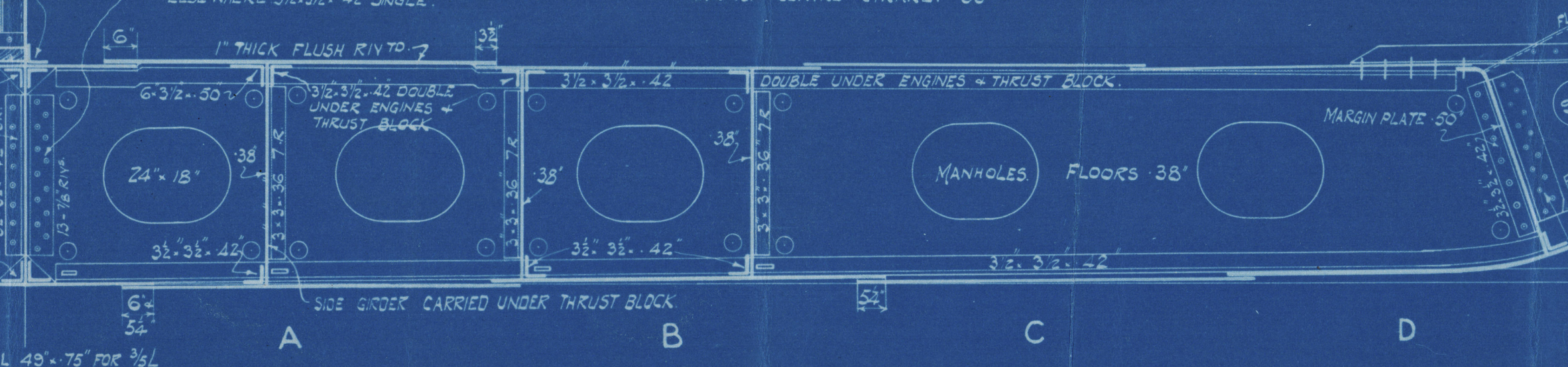
## SECTION THRO' BOILER SPACE.

TANK TOP PLATING IN BOILER SPACE 56"  
TANK TOP CENTRE STRAKE 56"



## SECTION THRO' ENGINE SPACE.

TANK TOP PLATING IN ENGINE SPACE 50"  
TANK TOP CENTRE STRAKE 50"



THE ROYAL SHIPBUILDING  
& REPAIRING CO. (STOCKTON) LTD.  
STOCKTON-ON-TEES.  
Date April 6th 1925.

Nº 549.

W436-0166



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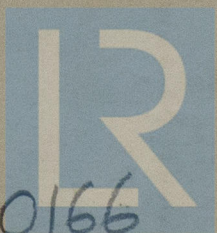
Messrs The Ropner Ship. & Rep. Co<sup>ys</sup> Ltd

NO 549

Mid. Sec. as built ✓

S.S. Willowpool  
M.B. RPT. No. 12356

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