

# SCANTLING NUMERALS

1. D = 28'-9"
2. 390 x 28-75 11212 (FIRST LONG NUMERAL)  
(55-30 x 28-75) x 390 = 32779 (SECOND -- -- --)
3. DEPTHS TO LENGTH U. DECK = 13-56  
B. = 10-75
4. DEPTH MOULDED TO U. DECK = 28'-9"  
OF C D B AT SIDE = 3'-4"  
EXTRA DEPTH OF BEAM KNEE = 5"  
-- -- -- FRAME -- 25'-2" 1'-0 1/2 4'-0 1/2  
A (FOR FRAMES ONLY) 23'-11 1/2

d = 25'-5"

## EQUIPMENT NUMBER

POOP	25'-25" x 7'-5" x 7'-5"	165
BRIDGE	220'-50" x 7'-5" x 7'-5"	1240
FORECASTLE	41'-25" x 7'-5" x 7'-5"	221
CASING	63'-00" x 7'-0" x 5'-0"	221
DECKHOUSE	27'-00" x 7'-75" x 5'-0"	105

1963 1959  
32779  
34742 34738

## EQUIPMENT

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

# MIDSHIP SECTION.

DIMENSIONS: 390' 0" x 55'-6" x 28'-9" MOULDED (UPPER DECK)

TO CLASS 100 A.I. AT LLOYDS

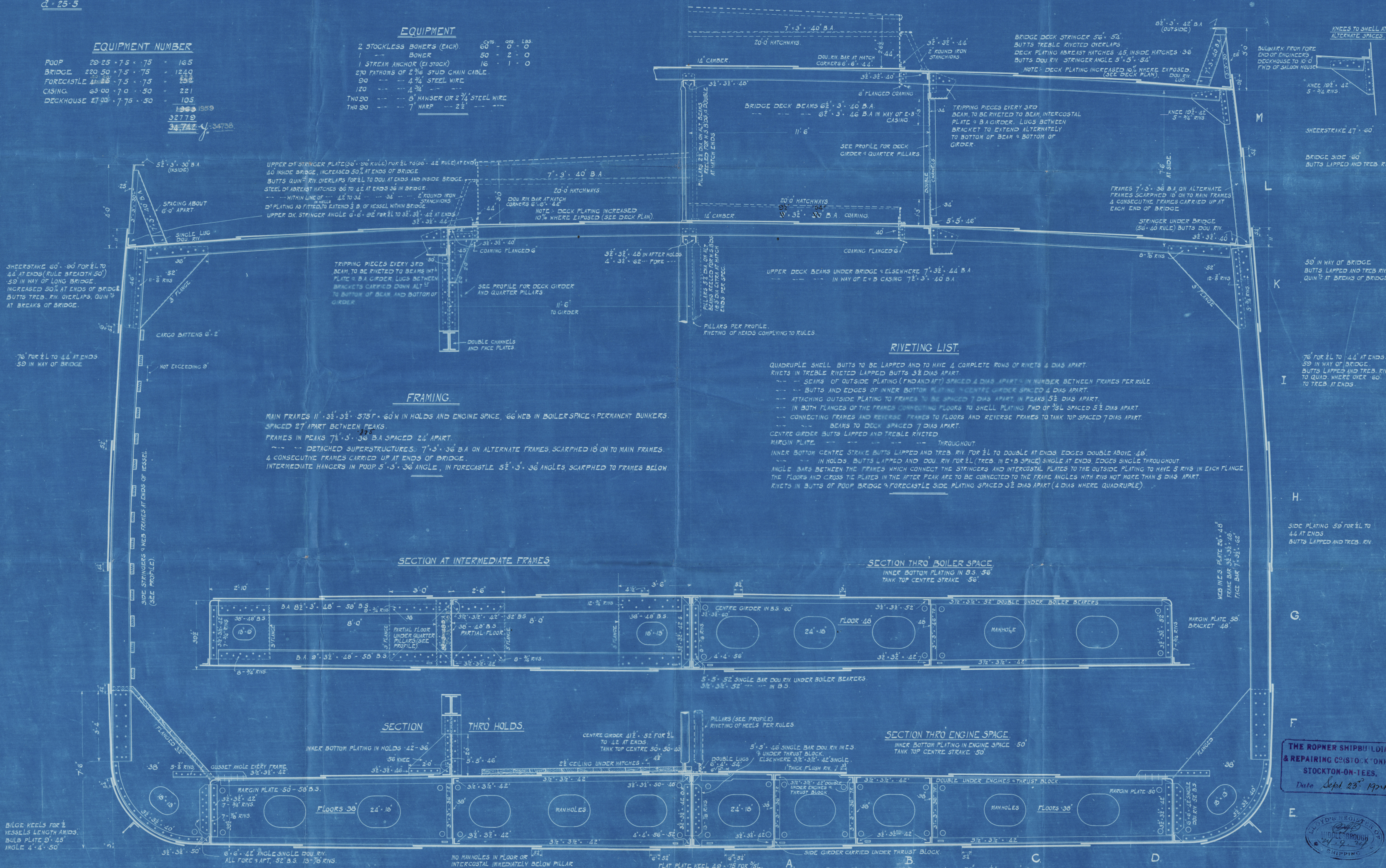
SCALE 1" = 100'

## FORECASTLE

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

## POOP

BEAMS 7'-3 1/2" x 42" B.A. ON EVERY FRAME. 1 ROW OF PILLARS 2 1/2" DIA.  
STRINGER 35'-34" ANGLE 3 1/2" x 3 1/2" x 34" DECK PLATING 30 (110% FOR EXPOSED DECK) 33 STEEL. SIDE PLATING 38



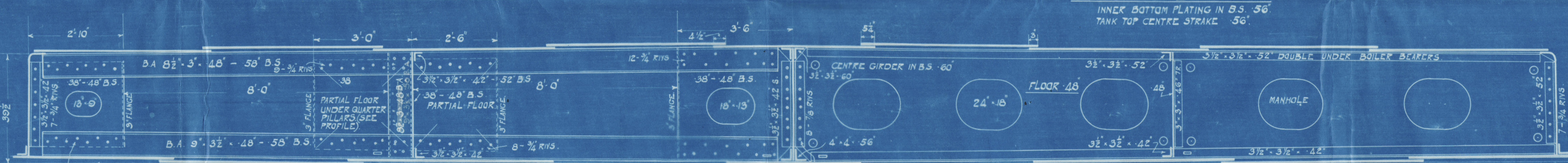
## FRAMING

MAIN FRAMES 11'-3 1/2" x 3 1/2" x 57 1/2" x 60" IN HOLDS AND ENGINE SPACE. 66 WEB IN BOILER SPACE & PERMANENT BUNKERS.  
SPACED 27" APART BETWEEN PEAKS.  
FRAMES IN PEAKS 7'-3 1/2" x 36" B.A. SPACED 24" APART.  
DETACHED SUPERSTRUCTURES: 7'-3 1/2" x 36" B.A. ON ALTERNATE FRAMES, SCARPHED 18" ON TO MAIN FRAMES.  
4 CONSECUTIVE FRAMES CARRIED UP AT ENDS OF BRIDGE.  
INTERMEDIATE HANGERS IN POOP 5'-3 1/2" x 36" ANGLE, IN FORECASTLE 5 1/2" x 36" ANGLE, SCARPHED TO FRAMES BELOW.

## RIVETING LIST

QUADRUPLE SHELL BUTTS TO BE LAPPED AND TO HAVE 4 COMPLETE ROWS OF RIVETS 4 DIAS APART.  
RIVETS IN TREBLE RIVETED LAPPED BUTTS 3 1/2" DIAS APART.  
SEAMS OF OUTSIDE PLATING (FWD AND AFT) SPACED 4 DIAS APART IN NUMBER BETWEEN FRAMES PER RULE.  
BUTTS AND EDGES OF INNER BOTTOM PLATING IN CENTRE GIRDERS SPACED 4 DIAS APART.  
ATTACHING OUTSIDE PLATING TO FRAMES TO BE SPACED 7 DIAS APART IN PEAKS 5 1/2" DIAS APART.  
IN BOTH FLANGES OF THE FRAMES CONNECTING FLOORS TO SHELL PLATING FWD OF 7/8" L SPACED 5 1/2" DIAS APART.  
CONNECTING FRAMES AND REVERSE FRAMES TO FLOORS AND REVERSE FRAMES TO TANK TOP SPACED 7 DIAS APART.  
BEAMS TO DECK SPACED 7 DIAS APART.  
CENTRE GIRDER BUTTS LAPPED AND TREBLE RIVETED.  
MARGIN PLATE THROUGHOUT.  
INNER BOTTOM CENTRE STRAKE BUTTS LAPPED AND TREBLE RIV. FOR 1/2" L TO DOUBLE AT ENDS. EDGES DOUBLE ABOVE 48".  
IN HOLDS, BUTTS LAPPED AND DOU. RIV. FOR 1/2" L (TREBLE IN E.B. SPACE) SINGLE AT ENDS. EDGES SINGLE THROUGHOUT.  
ANGLE BARS BETWEEN THE FRAMES WHICH CONNECT THE STRINGERS AND INTERCOSTAL PLATES TO THE OUTSIDE PLATING TO HAVE 5 RIVS IN EACH FLANGE.  
THE FLOORS AND CROSS PLATES IN THE AFTER PEAK ARE TO BE CONNECTED TO THE FRAME ANGLES WITH RIVS NOT MORE THAN 5 DIAS APART.  
RIVETS IN BUTTS OF POOP BRIDGE & FORECASTLE SIDE PLATING SPACED 3 1/2" DIAS APART (4 DIAS WHERE QUADRUPLE).

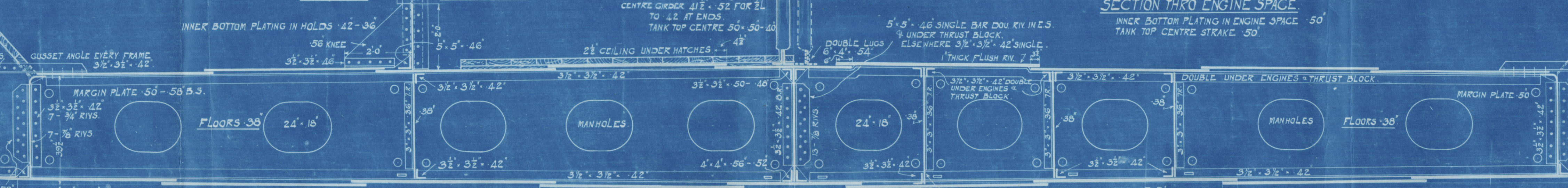
## SECTION AT INTERMEDIATE FRAMES



## SECTION THRU BOILER SPACE

INNER BOTTOM PLATING IN B.S. 56"  
TANK TOP CENTRE STRAKE 56"

## SECTION THRU HOLDS



## SECTION THRU ENGINE SPACE

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

THE ROPNER SHIPBUILDING  
& REPAIRING CO. (STOCKTON) LTD.  
STOCKTON-ON-TEES.  
Date Sept. 23rd 1924.

S.S. REEDPOOL  
No 545.



Must be the Response Ship 3d Rep. 3/1/40

W 545

Mid: Sec: as built

Sp. Reedpool

Indb report W. 12099

RETAIN



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