

MIDSHIP SECTION.

S.S. "DIADEM".

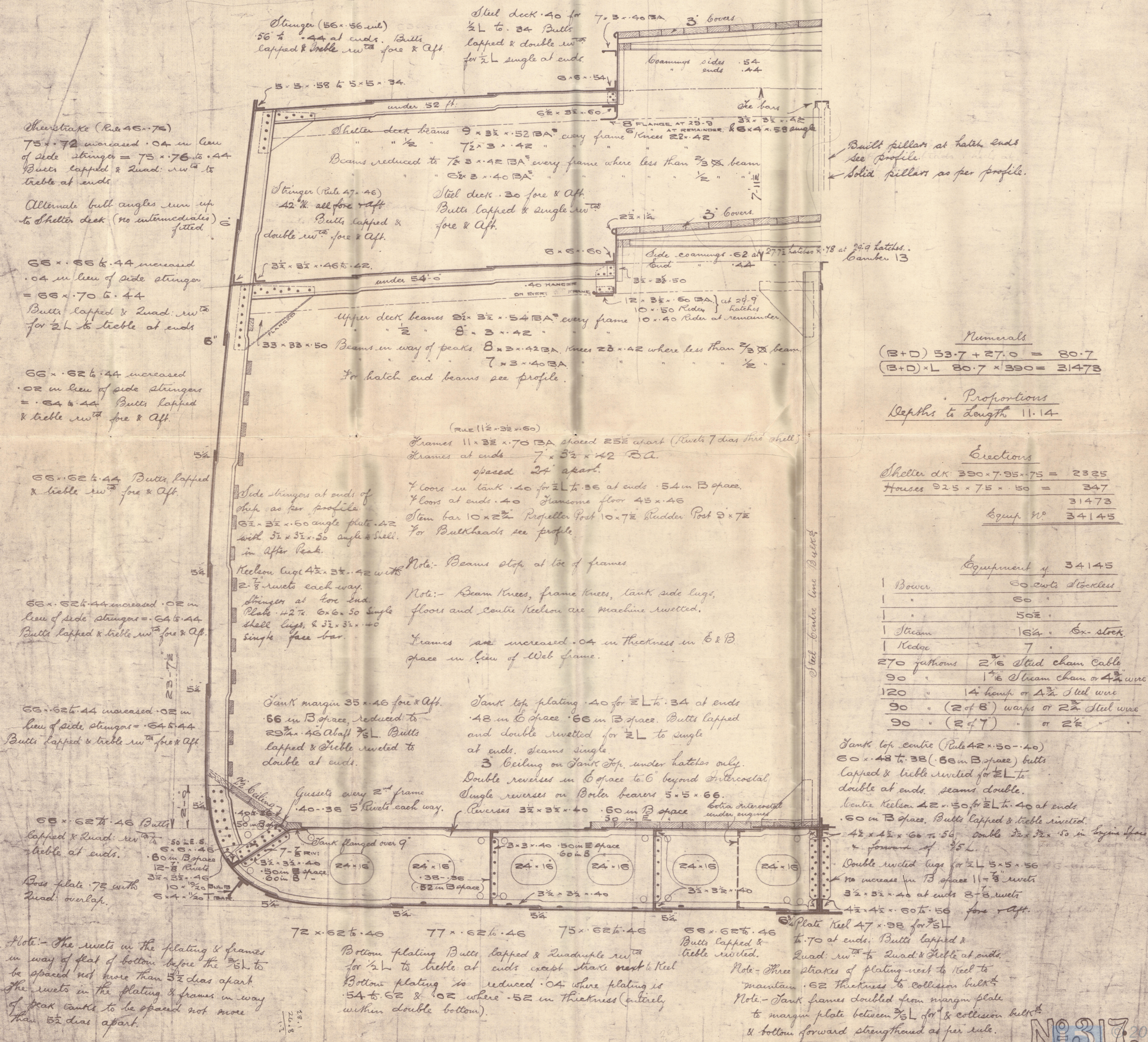
PRINCIPAL DIMENSIONS.

LENGTH B.P. 390'-0". BREADTH MLD 53'-8". DEPTH MLD 27'-0".

CLASS 100 A.I. LLOYDS. (SHELTER DK)

SCALE 1/2" = 1 FOOT.

SUNDERLAND SHIPBUILDING CO. LD.
DRAWING OFFICE
No. 25661. 25 SEP 1920.
SUNDERLAND.



Built pillars at hatch ends
See Profile.
Solid pillars as per profile.

Numerals

$$(B+D) 53.7 + 27.0 = 80.7$$

$$(B+D) \times L 80.7 \times 390 = 31473$$

Proportions
 Depths to Length 11.14

Erections
 Shelter dk: $390 \times 7.95 \times 75 = 2325$
 Houses $92.5 \times 7.5 \times 50 = 347$
 Equip n° 34145

Equipment of 34145

1 Bower	60 cwt. stockless
1 "	60 "
1 "	50 "
1 Stream	164 Ex. stock
1 Hedge	7 "
270 fathoms	2 1/8 Stud chain Cable
90 "	1 1/8 Stream chain or 4 1/2 wire
120 "	1 1/4 hump or 4 1/2 Steel wire
90 "	(2 of 8) warps or 2 1/2 Steel wire
90 "	(2 of 7) " or 2 1/2 "

Tank top Centre (Rule 42 x 50 - 40)
 60 x 48 to 38 (.66 in B space) butts
 lapped & treble riveted for 1/2 L to
 double at ends. Seams double.
 Centre Keelson 42 x 50 for 1/2 L to 40 at ends
 .60 in B space. Butts lapped & treble riveted.
 42 x 42 x 60 to 56 Double 3 1/2 x 3 1/2 x 50 in Engine space
 & forward of 1/2 L.
 Double riveted lugs for 1/2 L 5 x 5 x 56
 No increase in B space 11 x 3 rivets
 3 1/2 x 3 1/2 x 40 at ends 8 1/2 rivets
 4 1/2 x 4 1/2 x 60 to 56 fore & aft.

Note: The rivets in the plating & frames
 in way of flat of bottom before the 1/2 L to
 be spaced not more than 5 1/2" apart.
 The rivets in the plating & frames in way
 of peak tanks to be spaced not more
 than 5 1/2" apart.

Bottom plating Butts lapped & quadruple riveted
 for 1/2 L to treble at ends next to keel
 Bottom plating is reduced .04 where plating is
 .54 to .62 & .02 where .52 in thickness (entirely
 within double bottom).

No. 317 2020

S/S DIADEM

MIDSHIP SECTION

AS BUILT

SUNDERLAND S. Co

317

SUNDERLAND RPT. No.

87940



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