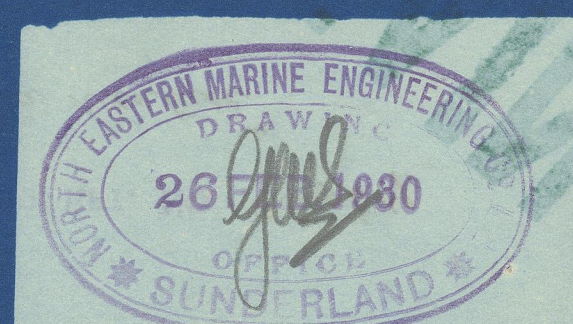


SCALE: 1 INCH TO A FOOT. SCHEDULE "L".
WRITTEN DIMENSIONS ONLY TO BE TAKEN.



DRAWN BY J.A.S.
TRACED BY G.L.J.
CHECKED BY J.A.S.

To Pass	LLOYD'S SURVEY.		
SHELL	29 (33.5 - 2) 85.7 27.5 X 156 80625	=	131.3 LBS PER FT.
WORKING PRESSURE		=	180 " " "
TEST		=	320 " " "
HEATING SURFACE ON TUBES.			1400 SQ. FEET
"	OTHER PARTS.		335 " "
"	TOTAL		1735 " "
EX. FRONT TUBE PLATE			1705 " "
EFFECTIVE AREA OF STAYS.			
3 1/4 STAY TUBES 5/16 TK. 9 THRS. PER IN.			2.17 SQ. INCHES
3 1/4 " " " 1/4 " 9 " " "			1.64 " " "
2 3/8 MAIN STAYS " " " " " "			6.49 " " "
2 1/2 " " " " " " " "			4.11 " " "
2 1/4 " " " " " " " "			3.26 " " "
1" SCREWED " " " " " "			2.71 " " "
1 1/8 " " " " " " " "			2.36 " " "
1 3/4 " " " " " " " "			2.03 " " "
ALL PLATES, RIVETS & STAYS - STEEL			
TUBES, OF BEST QUALITY SEAMLESS STEEL.			
HOLES TO BE DRILLED IN PLACE AFTER BENDING			
TENSILE STRENGTH OF SHELL PLATES	29 TO 33 TONS		
" " " BUTT STRAP	29 TO 33		
" " " GIRDER	28 TO 32		
" " " OTHER	26 TO 30		
" " " MAIN STAYS	28 TO 32		
" " " SCREWED	26 TO 30		

MANHOLE 1'-4" X 1'-0"
FLANGED IN END PLATE. 3 7/8" DEEP.
(FOR POSITIONS SEE SKETCH.)

SCREWED WROT IRON STAY TUBES $3\frac{3}{4}$ EX
 $3\frac{3}{8}$ THICK FITTED IN THESE POSITIONS

466

10.32
12.32

10.1



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SUNDERLAND,

North Eastern Marine Eng. Co. ^{Ltd}

b. 2463.

for

Swan, Hunters & Wigham Richardson ^{Ltd}

Yard no. 1451

Main Boiler

SUNDERLAND RPT. NO. 30464.

S/s. "Sea Venture"

RETAIN

W443-0223



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