Screw Steamer "Flamingo" — Hull No. 5[illegible]

# STEEL BOILER

# No. 285

WORKING PRESSURE 140 LBS

SCALE 1 INCH = 1 FOOT

EARLES SHIPBUILDING & ENGINEERING COMPANY LIMITED
HULL
29-1-85

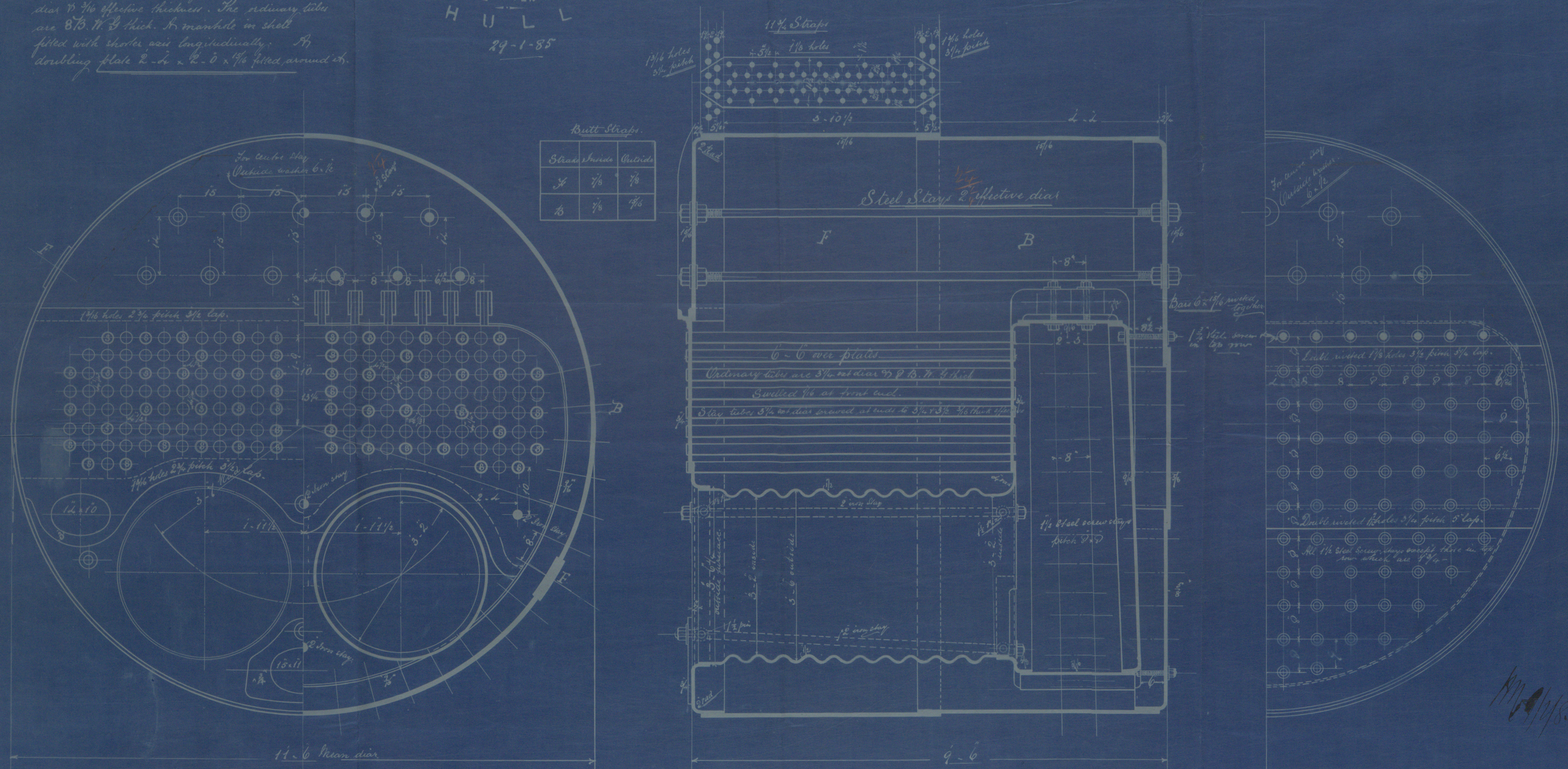
The plates & rivets to be of Siemens Martin Steel. All rivet holes in shell & furnaces to be drilled in place after bending the plates. All punched or flanged plates to be annealed after punching or flanging. The screw stays are 1 5/16 & 1 1/2 effective diar screwed into place & nutted at each end. The tubes are iron. The stay tubes are 2 3/4 inside diar & 3/16 effective thickness. The ordinary tubes are 8 B.W.G. thick. A manhole in shell fitted with shorter axis longitudinally. A doubling plate 2-4 x 2-0 x 15/16 fitted around it.

## DIMENSIONS.

| | |
|---|---|
| LENGTH OF FIRE BARS | 5-6 |
| AREA OF FIRE GRATE in sq. feet | 36 |
| DIAM OF TUBES OUTSIDE | 3 1/4 |
| LENGTH OF TUBES over plates | 6-6 |
| No. OF TUBES | 168 |
| SURFACE OF TUBES in sq. feet | 913 |
| TOTAL HEATING SURFACE sq. ft | 1145 |
| WORKING PRESSURE in lbs | 140 |
| DIAM. OF SAFETY VALVE each | 3" |

Butt Straps.

| Strake | Inside | Outside |
|---|---|---|
| A | 7/8 | 7/8 |
| B | 7/8 | 15/16 |

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