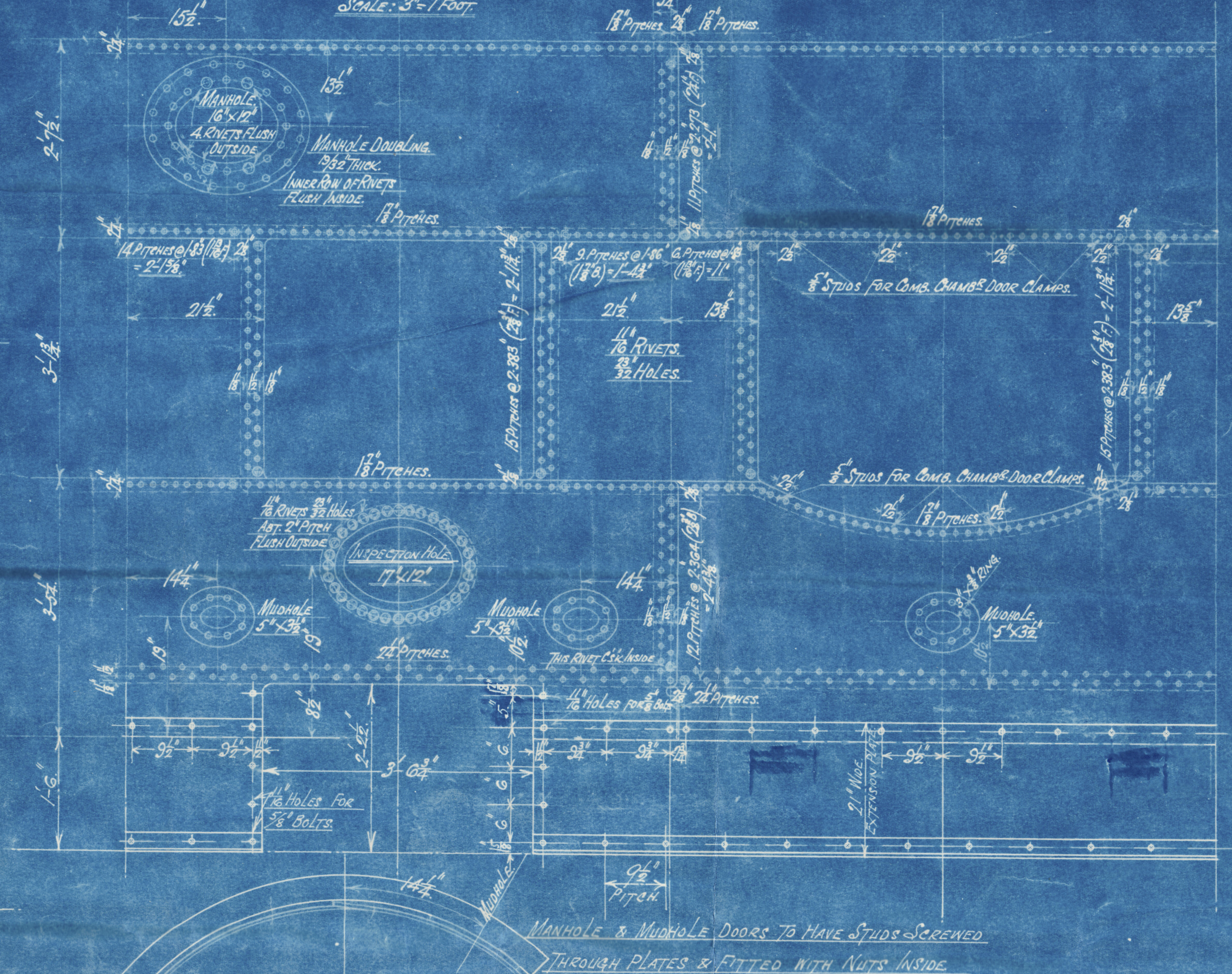
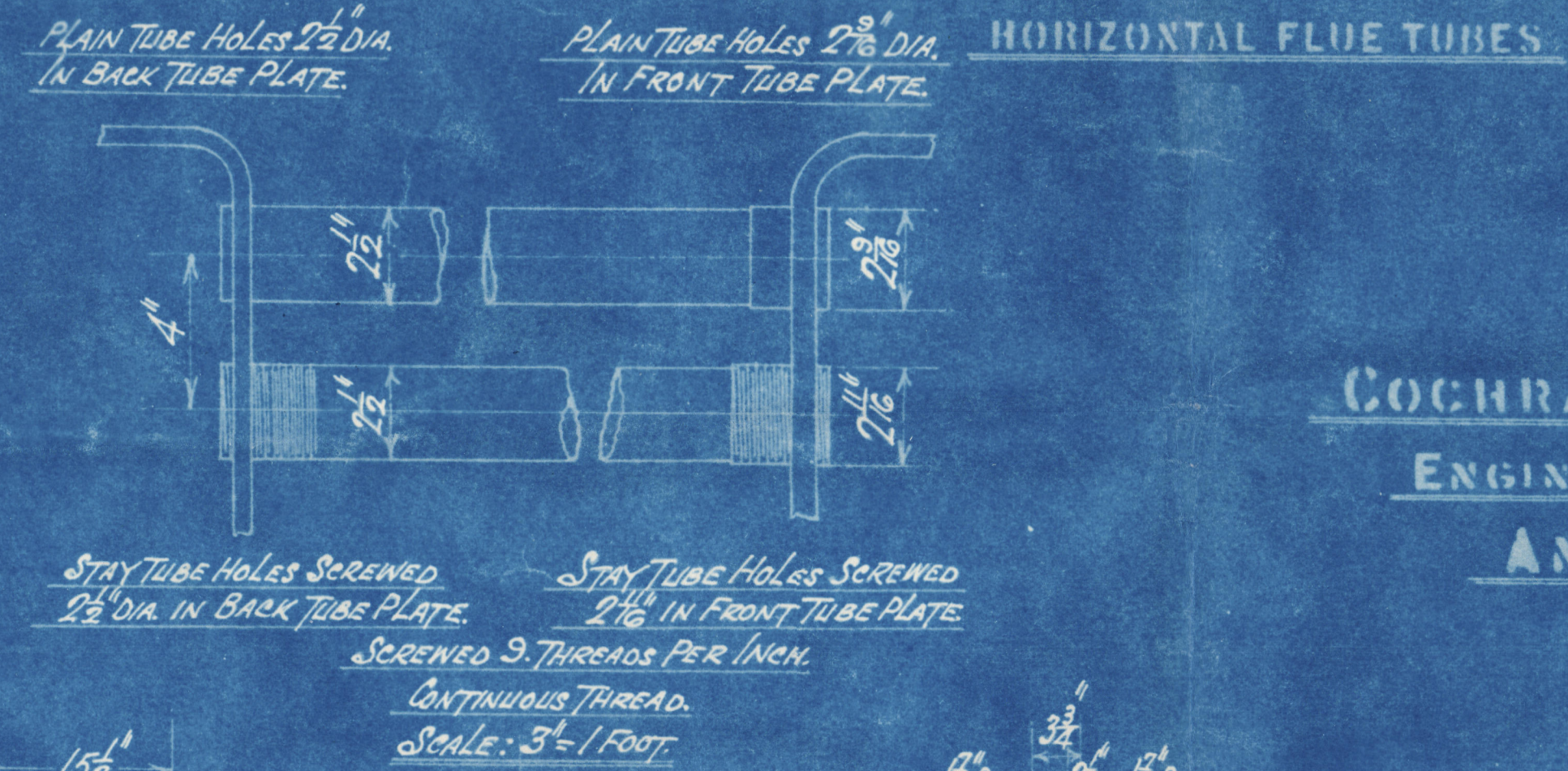


# COCHRAN PATENT VERTICAL MULTITUBULAR BOILER

COCHRAN & CO ANNAN LTD.  
ENGINEERS & BOILERMAKERS  
ANNAN SCOTLAND



*Similar to Day No 14584  
approved 6/10/25 but with  
extended coil.*

PATENT BOILERS No. 9920  
4'-6" x 11'-6" x 160# x 100 LBS. WP.

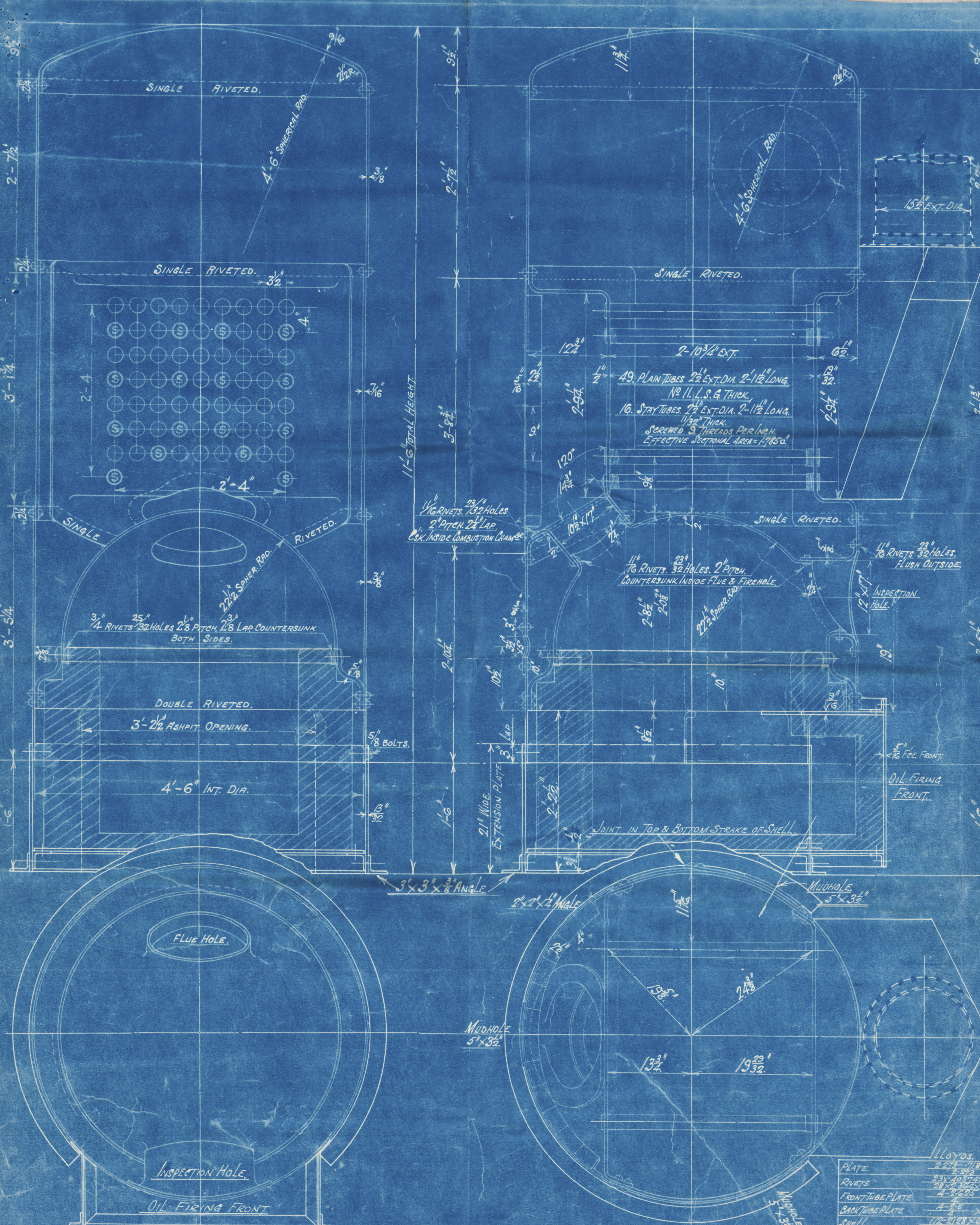
SCALE: 1/2" & 1" TO 1 FOOT

SIEMENS MARTIN MILD STEEL PLATES.

TENSILE TESTS.

PLATES NOT EXPOSED TO FLAME OR FLANGED -- 28 TO 32 TONS.  
PLATES EXPOSED TO FLAME OR FLANGED & RIVETS 26 TO 30 TONS.

PLATE	2 1/2" x 11 1/2" x 100	= 68.3%
RIVETS	2 1/2" x 11 1/2" x 100	= 75.1%
FRONT TUBE PLATE	4' x 6" x 100	= 34.37%
BACK TUBE PLATE	4' x 6" x 100	= 37.5%
SHELL	11 1/2" x 160#	= 122.1 lbs.
SHELL CROWN	11 1/2" x 160#	= 122.1 lbs.
FRONT TUBE PLATE	4' x 6" x 100	= 107.4 lbs.
BACK TUBE PLATE	4' x 6" x 100	= 109.9 lbs.
FURNACE CROWN	4' x 6" x 100	= 183.3 lbs.
DRUM RING	11 1/2" x 160#	= 104 lbs.



STANDARD SURVEY LLOYDS & REGISTRO ITALIANO.

DRAWING No. 14724



W1138-0022

COCHRAN & CO., ANNAN, LD.

Boiler No. 9920

Drawing No. 14724

W.P. 100 lbs.

GLASGOW REPORT No. 45353

*M/V Romolo*  
*Test Report*  
*No. 7375*

RETURN

© 2020