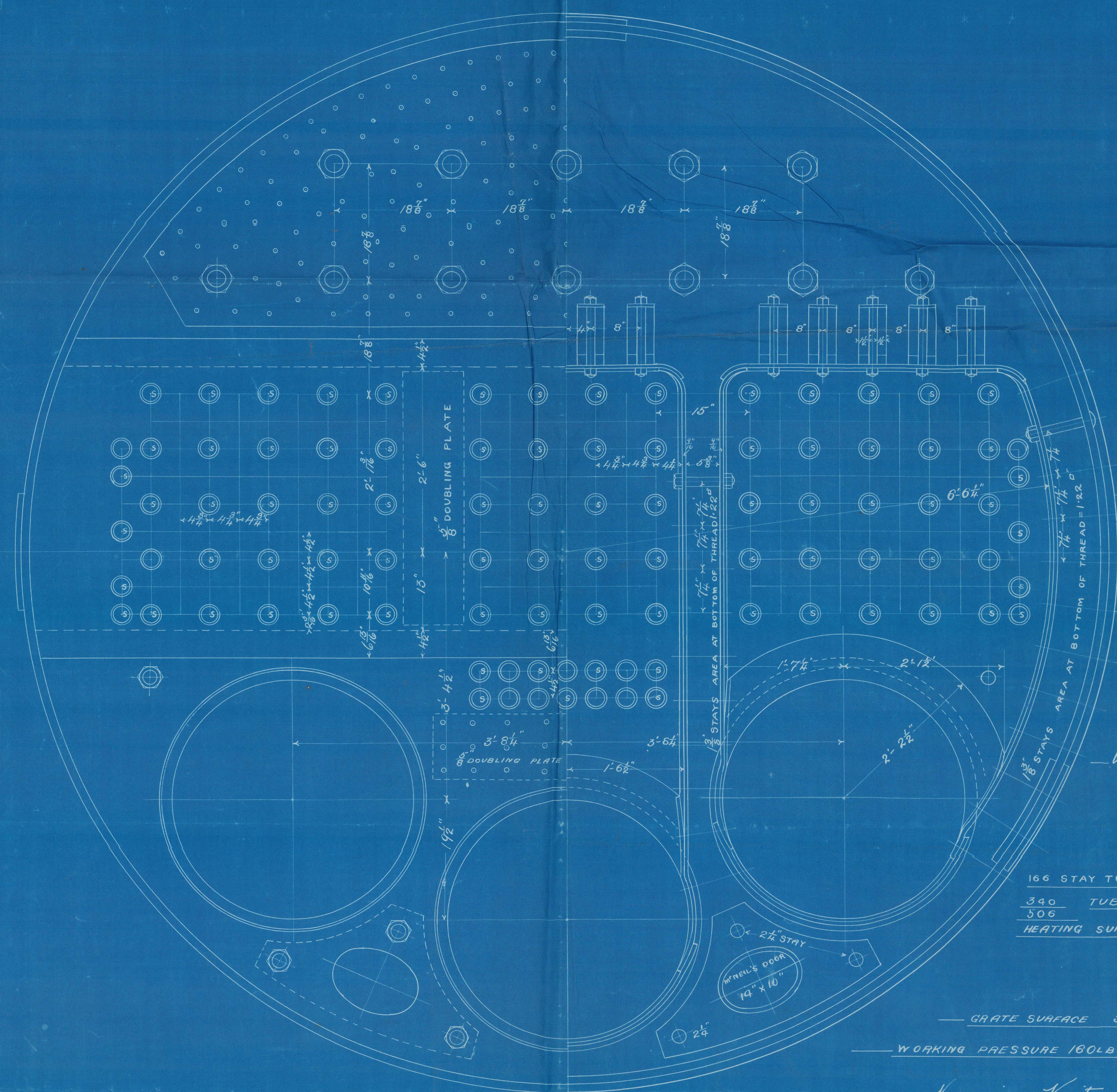
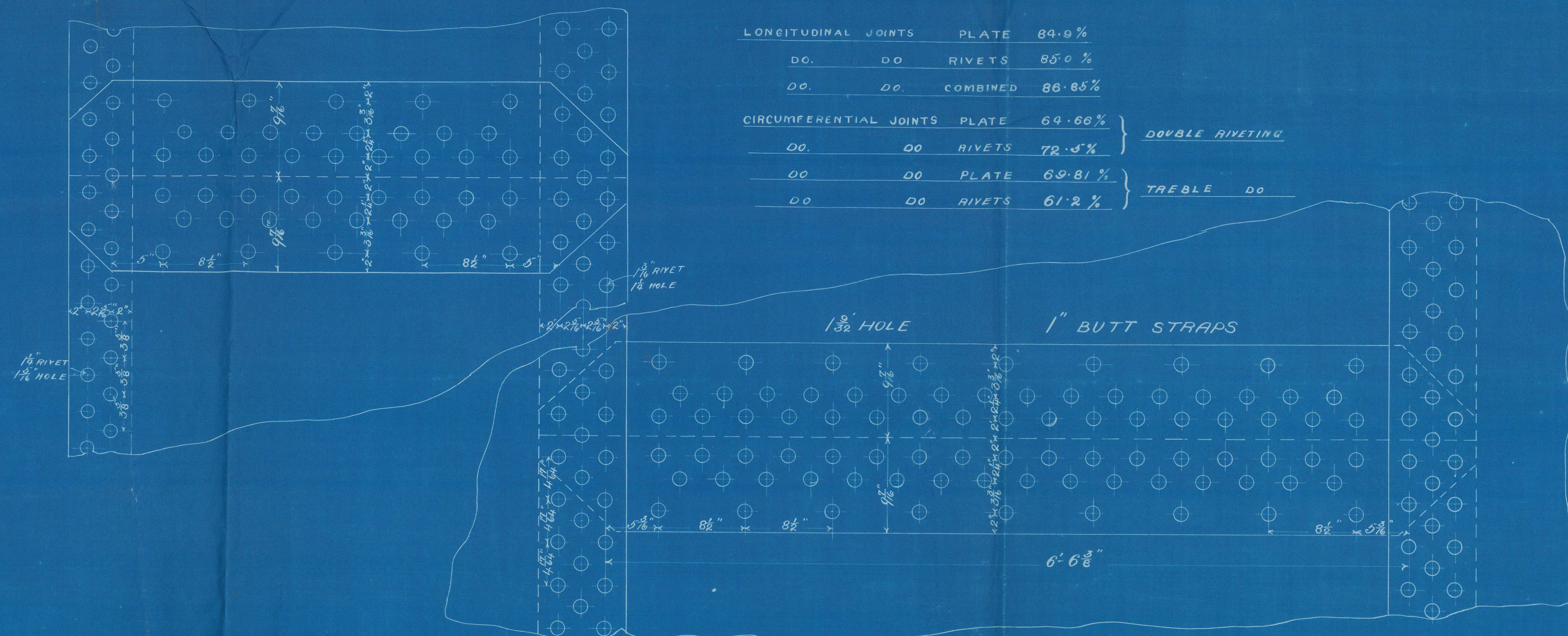


LONGITUDINAL JOINTS		PLATE	84.9%
DO.	DO.	RIVETS	85.0%
DO.	DO.	COMBINED	88.85%
CIRCUMFERENTIAL JOINTS		PLATE	64.66%
DO.	DO.	RIVETS	72.5%
DO.	DO.	PLATE	69.81%
DO.	DO.	RIVETS	61.2%

DOUBLE RIVETING
TRIPLE DO



WEIGHT OF WATER
— 32 TONS

166	STAY TUBES	3 1/2\"/>	EXT. DIA	8\"/>	THICK
390	TUBES	DO	DO	DO	8 S.W.G. TH.
306	HEATING SURFACE	TUBES	2798	SQ. FT.	
	OTHER		426		
	TOTAL		3224		

GRATE SURFACE 5'3\"/>

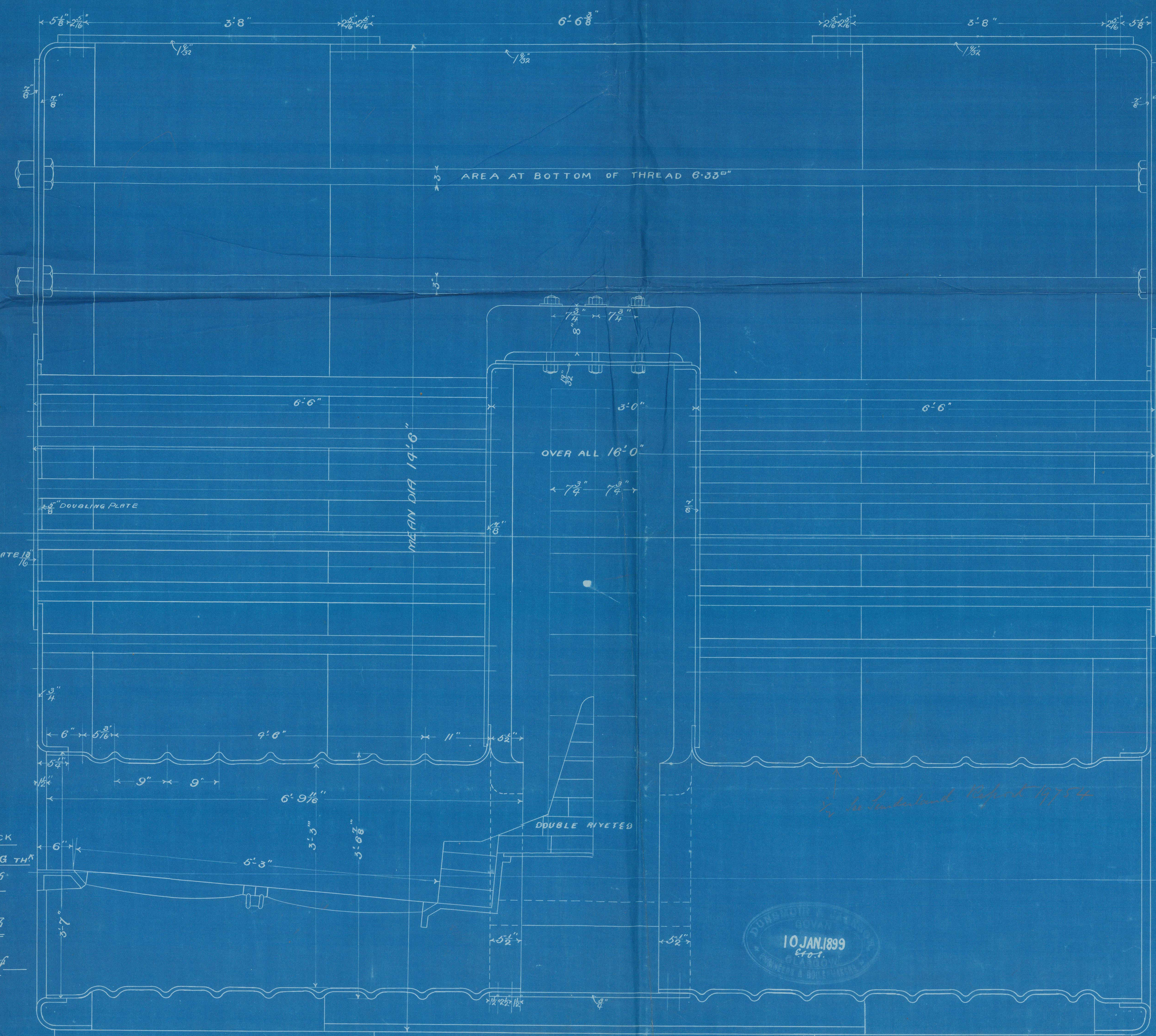
WORKING PRESSURE 180 LBS. S.W.G.

Norwegian Ventas Survey.

— STEEL BOILER — N° 119 —

S/ ALBERT DUMOIS

SCALE 1" = 1 FOOT



18-5-99

11/1/1904

S.S. "Norman",
Lt.
S. S. "Albert Dumois"

Plan of Boiler

Tunderland. No 19754.

