

SIZE OF ENGINE  $\frac{27 \times 45 \times 74}{48}$   
 BOILER PRESSURE - 180 LBS

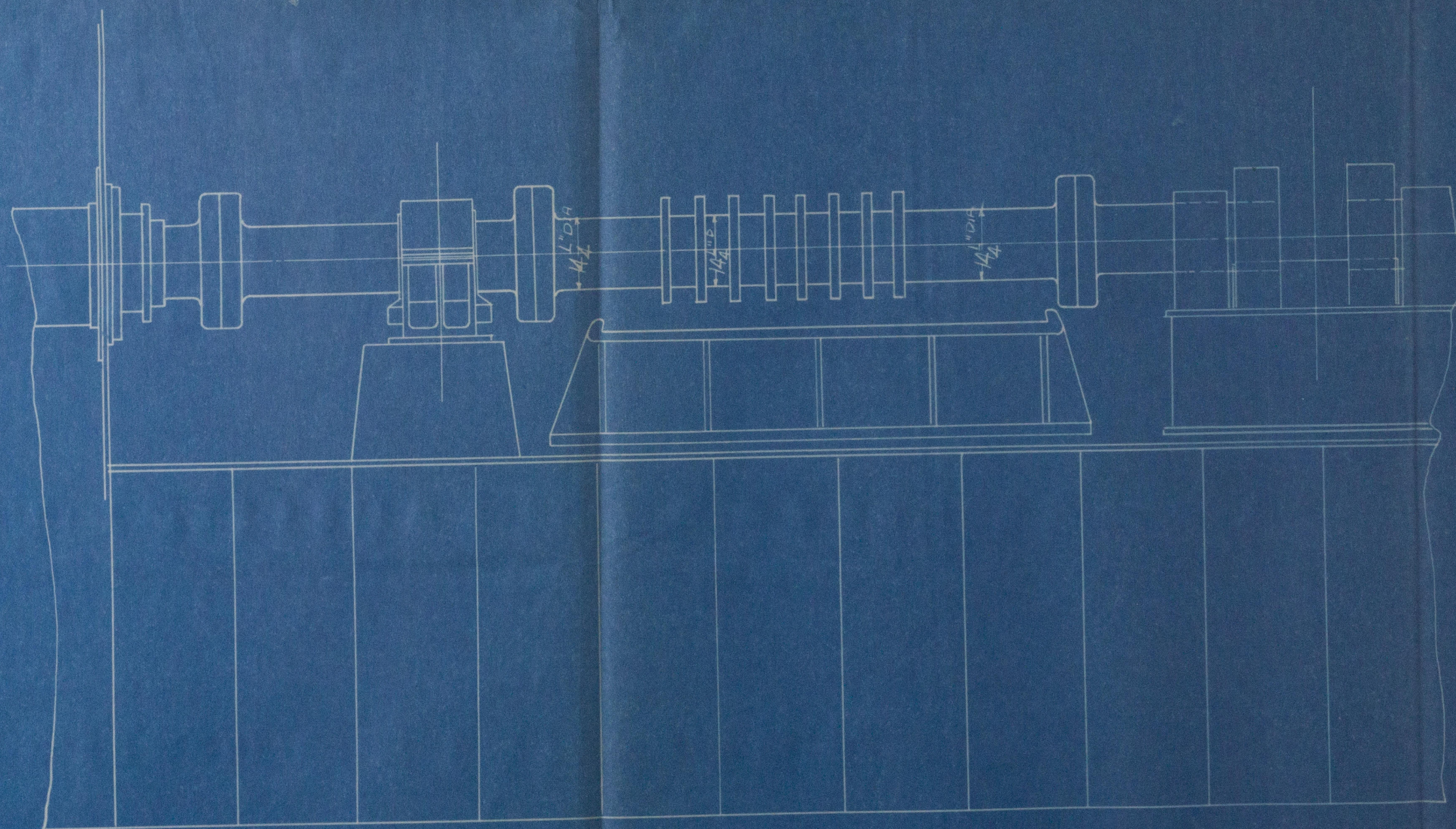
FIGURES ON SHAFTING BY LLOYD'S RULES

DIA OF INTERMEDIATE SHAFT

$$(.038 \times 27 + .009 \times 45 + .002 \times 74 + .0165 \times 48) \sqrt[3]{180} = 13.387$$

CRANK & THRUST SHAFT UNDER COLLARS

$$\frac{13.387 \times 21}{20} = 14.056 \text{ DIA. - MADE } 14\frac{1}{4} \text{ DIA.}$$



*San Theodore*  
*Standard Ship Co*  
*78-31*



SUN SHIPBUILDING COMPANY  
 CHESTER, PA. U.S.A.  
 ENGINEERING DEPT  
 THRUST SHAFT FOR ENGINES  
 FOR STANDARD SHIPBUILDING CO.

DRAWN BY \_\_\_\_\_ CHIEF DRAFTSMAN \_\_\_\_\_  
 TRACED BY \_\_\_\_\_  
 CHK'D BY \_\_\_\_\_ APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SCALE \_\_\_\_\_ CHIEF ENGINEER \_\_\_\_\_

DR. 6200-842-1. *L*  
 JAN 559-0000