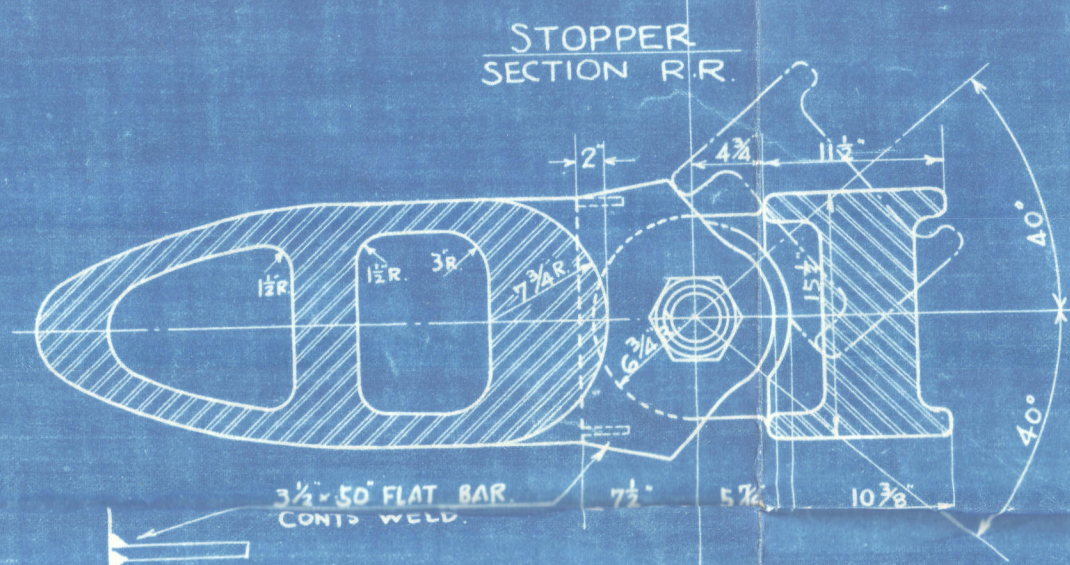
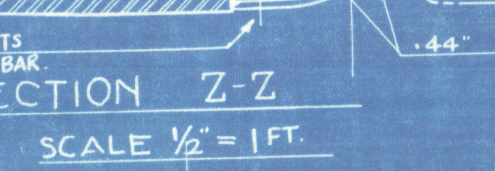
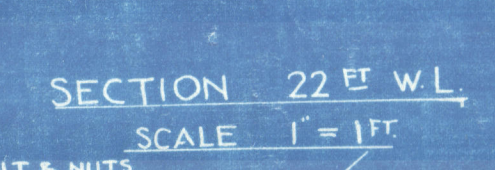
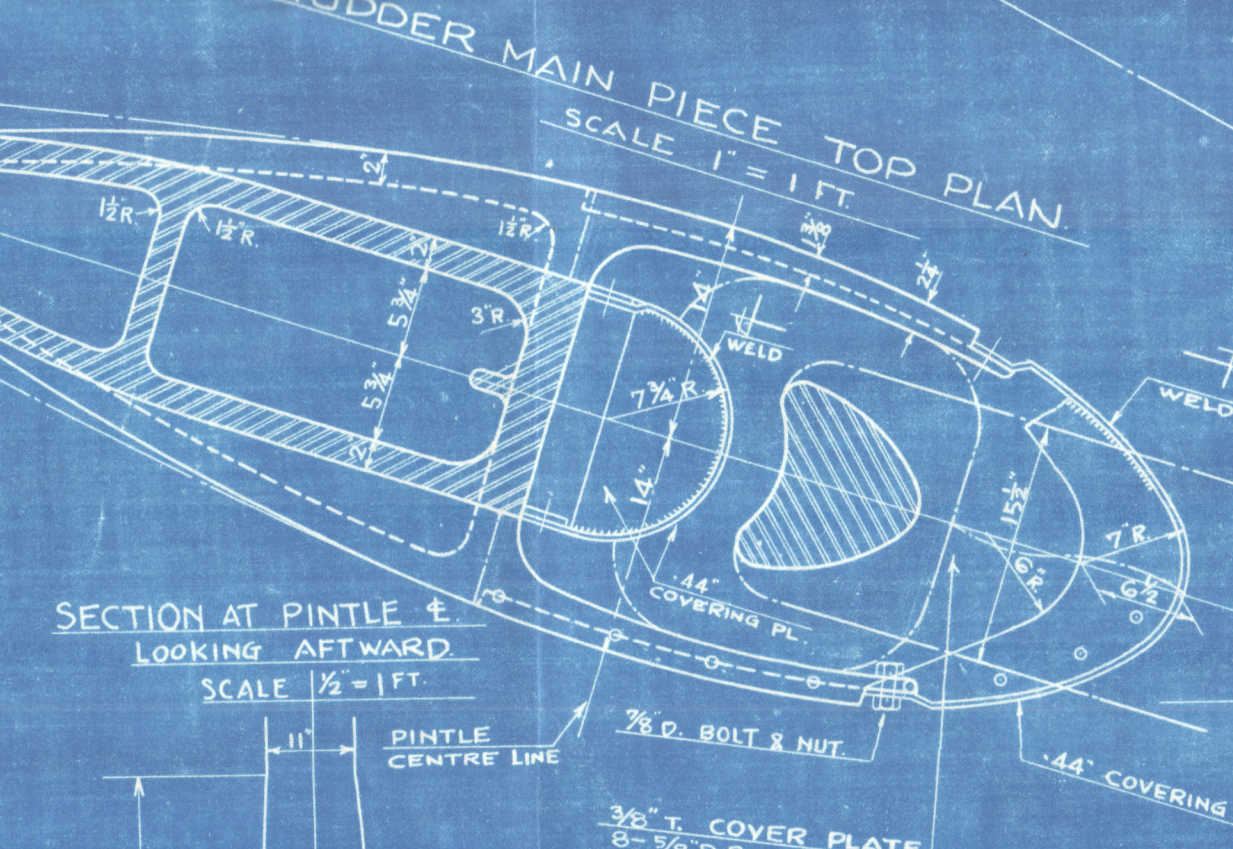
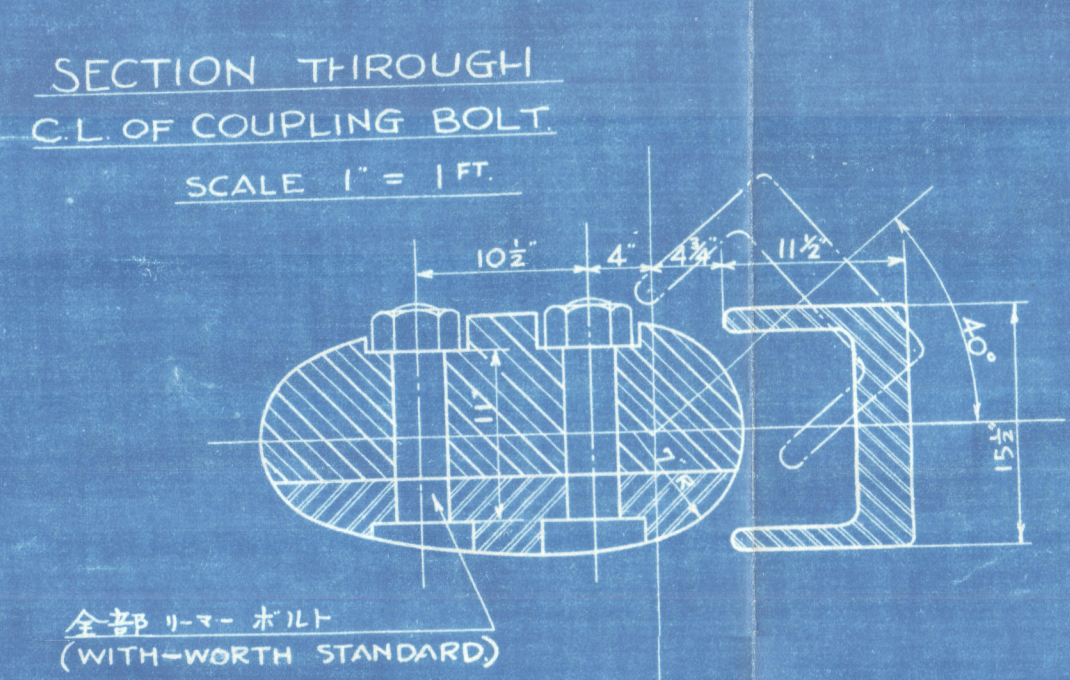


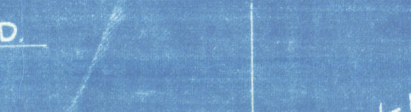
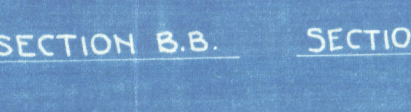
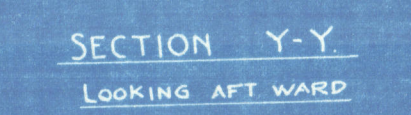
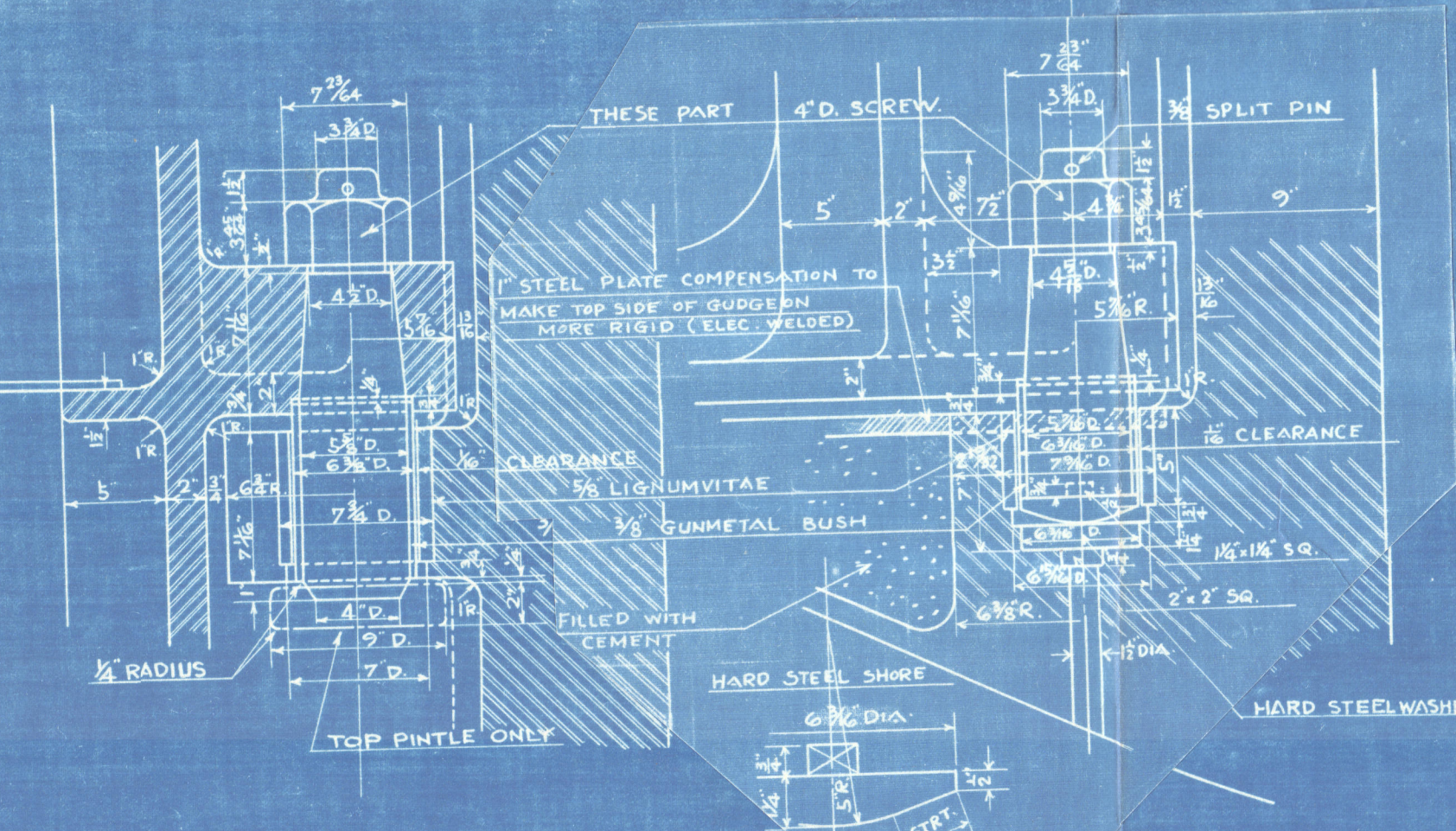
Z.B. -  
INSIDE RUDDER SPACE NOT TO BE PACKED  
& SUBJECTED TO WATER TEST.  
(TEST HEAD 15 LB/SQ IN.)

PARTICULARS:-

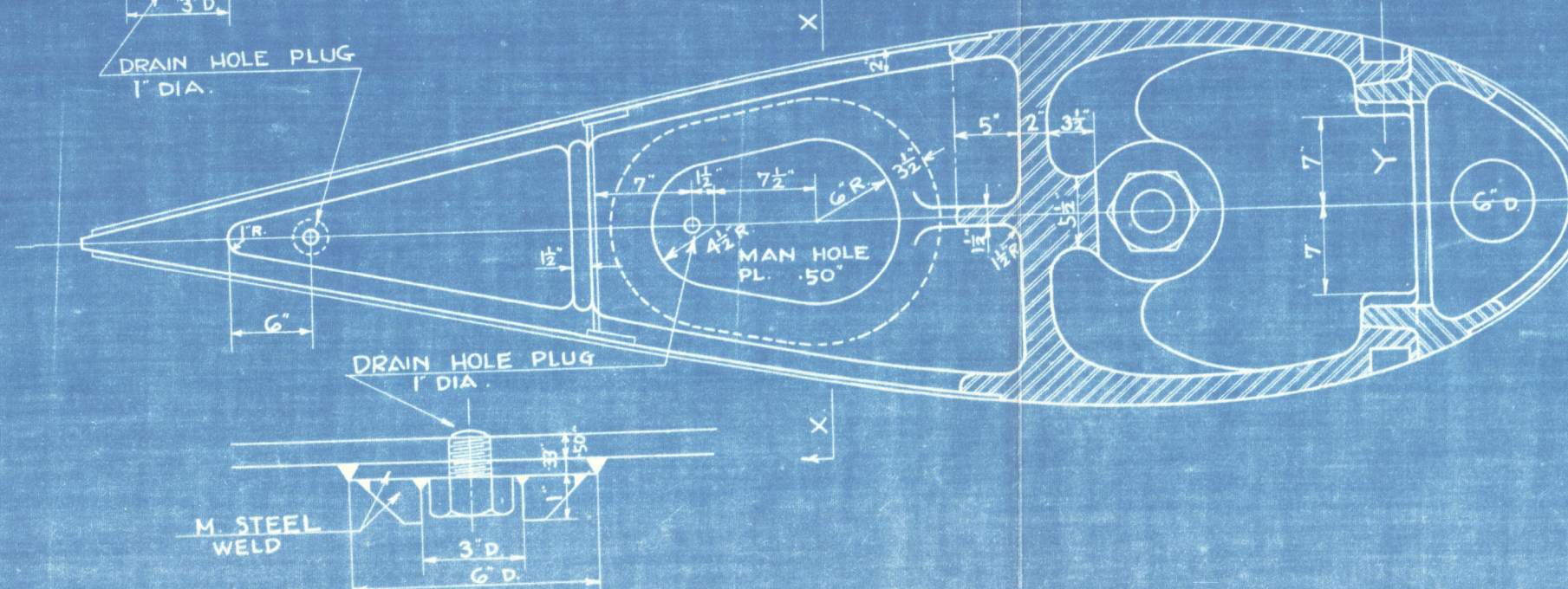
|                                  |                       |
|----------------------------------|-----------------------|
| SEA SPEED                        | 13 3/4 KNOTS          |
| RUDDER AREA (A)                  | 137.44 SQ FT          |
| D                                | 3.12 FT               |
| A x D                            | 428.81                |
| TOTAL RUDDER AREA                | 185.44 SQ FT          |
| DIA OF RUDDER HEAD (RULE ACTUAL) | 10 3/8 DIA. 11" DIA.  |
| SUBJECT                          | MATERIAL WEIGHT       |
| RUDDER MAIN PIECE                | CAST STEEL 8.70 TONS  |
| FRONT                            | 1.70                  |
| EDGE                             | 30                    |
| STOCK                            | FORGED STEEL 3.60     |
| PLATE & ETC.                     | MILD STEEL 3.30       |
| PINTLES & ETC.                   | FORGED STEEL .27      |
| TOTAL WEIGHT OF RUDDER           | 17.87 TONS            |
| STERN FRAME                      | CAST STEEL 15.40 TONS |



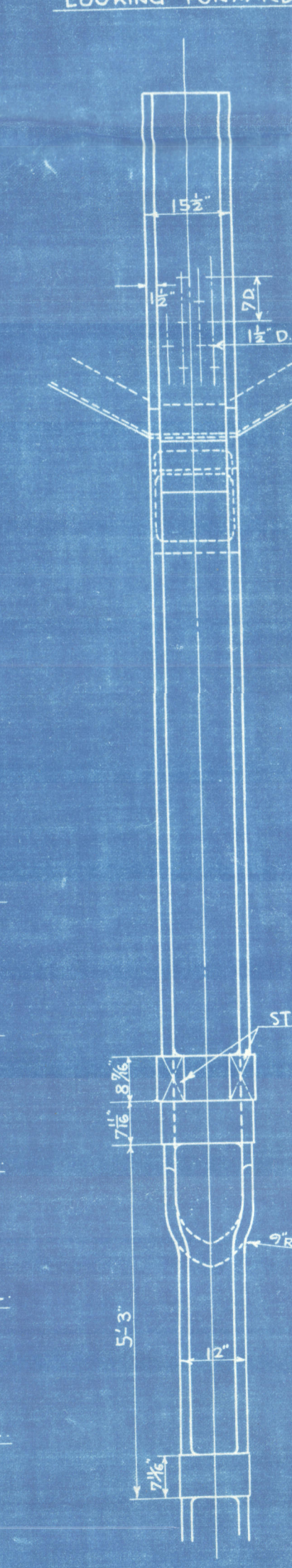
DETAILS OF GUDGEONS  
SCALE 1 1/2" = 1 FT.



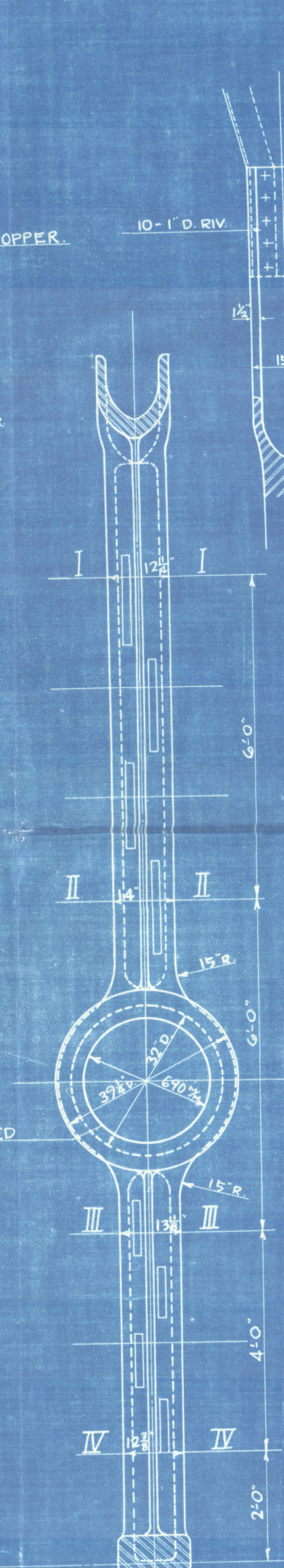
BOTTOM CAST STEEL ARM  
SCALE 1" = 1 FOOT



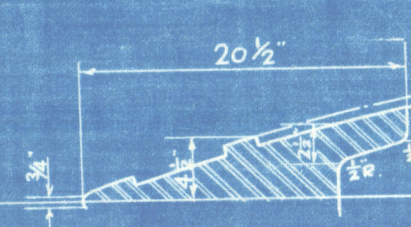
RUDDER POST  
LOOKING FORWARD



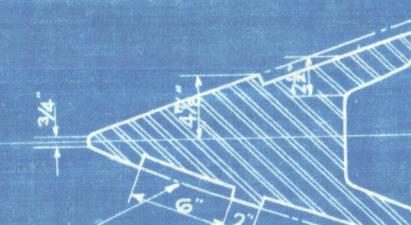
PROPELLER POST  
LOOKING FORWARD



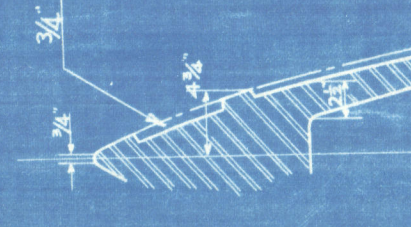
SECTION I-I



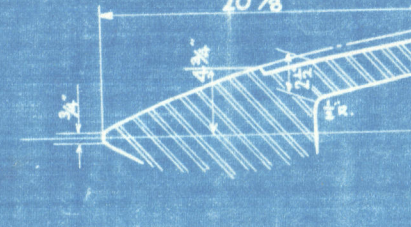
SECTION II-II



SECTION III-III



SECTION IV-IV



M.V. "KOYEI-MARU"  
Nagasaki Report No. 1940.

S. No. 550  
M.S. "KOYEI-MARU"  
STERN FRAME & RUDDER  
(FINISHED PLAN)  
SCALE 1/2" TO 1 FT.  
4'35.0" x 58'6" x 32'10"





M.V. "KOYEI MARU"

Nagasaki Report No.1940.

S.No 550.

M.S. "KOYEI-MARU"  
STERN FRAME & RUDDER.

(FINISHED PLAN.)

SCALE 1/2" TO 1 FT.

435'-0" x 58'-6" x 32'-10"



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